



ANNUAL BOOK OF ASTM STANDARDS
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- Determining Formaldehyde Concentrations in Air from Wood Products Using a Small-Scale Chamber, Test Method for, **D6007 (04.10)**
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Beta-tricalcium phosphate

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BET (Brunauer, Emmett, and Teller) surface area

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- Bicycle Grips, Specification for, **F2793 (15.07)**

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Sa Stainless steel alloying additives

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Sa Glass

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Sa **Rubber hose**

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Sa **Pavement surfaces**

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Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, Specification for, **B19 (02.01)**

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Sa **UNS C36000 (free-cutting brass)**

Free-Cutting Bismuth Brass Rod, Bar and Wire, Specification for, **B974/B974M (02.01)**

Brass—leaded brass

Sa **UNS C31400 (hardware bronze; leaded commercial bronze)**

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Brass—leaded red

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See **UNS C86200 (cast manganese bronze)**

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See **UNS C46200 (naval brass, 63.5%)**

Brass—red

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Brass—semi-red leaded casting

See **UNS C84200 (cast semi-red brass)**

Brass—silicon casting

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Sa UNS C37700 (forging brass)
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- Carbon Steel Forgings for Piping Applications, Specification for, **A105/A105M (01.01)**
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Carbon steel pipe—specifications

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Carbon steel pipe fittings—specifications

Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, Specification for, **A858/A858M (01.01)**

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Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types, Specification for, **A726 (03.04)**
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Carbon steel sheet/strip—specifications

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- Electric-Resistance-Welded Metallic-Coated Carbon Steel Mechanical Tubing, Specification for, **A787/A787M (01.01)**
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- Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service, Specification for, **A334/A334M (01.01)**
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Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**

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Cobalt content—steel

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Chemical Analysis of Carbon Steel, Low-Alloy Steel, Silicon Electrical Steel, Ingot Iron, and Wrought Iron, Test Methods for, **E350 (03.05)**

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Sa Paint driers

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- Grease Particle Capture Efficiency of Commercial Kitchen Filters and Extractors, Test Method for, **F2519 (15.12)**

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- Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**
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- Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**
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- Copper-Brazed Steel Tubing, Specification for, **A254/A254M (01.01)**

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Sa **Adiabatic bomb calorimeter**

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- Rubber—Determination of Metal Content by Flame Atomic Absorption (AAS) Analysis, Test Methods for, **D4004 (09.01)**

- Sampling and Chemical Analysis of Soaps and Soap Products, Test Methods for, **D460 (15.04)**

- Sampling and Testing Untreated Paper Used for Electrical Insulation, Test Methods for, **D202 (10.01)**

Copper content—Al/Al alloys

- Chemical Analysis of Aluminum and Aluminum-Base Alloys, Test Methods for, **E34 (03.05)**

Copper content—cadmium

- Chemical Analysis of Cadmium, Test Methods for, **E396 (03.05)**

Copper content—coal/coke

- Trace Elements in Coal and Coke Ash by Atomic Absorption, Test Method for, **D3683 (05.06)**

Copper content—Cu/Cu alloys

- Chemical Analysis of Copper Alloys, Test Methods for, **E478 (03.05)**

- Determination of Copper in Anode and Blister Copper, Test Method for, **E1771 (03.05)**

- Determination of Copper in Unalloyed Copper by Gravimetry, Test Method for, **E53 (03.05)**



Copper content—iron ores

Determination of Copper in Iron Ores and Related Materials by Flame Atomic Absorption Spectrometry, Test Method for, **E841 (03.05)**

Copper content—metals/alloys

Analysis of Austenitic Stainless Steel by Spark Atomic Emission Spectrometry, Test Method for, **E1086 (03.05)**

Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry, Test Method for, **E415 (03.05)**

Analysis of Cast Iron by Spark Atomic Emission Spectrometry, Test Method for, **E1999 (03.05)**

Analysis of Low-Alloy Steels and Cast Irons by Wavelength Dispersive X-Ray Fluorescence Spectrometry, Test Method for, **E322 (03.05)**

Analysis of Stainless and Alloy Steels by Wavelength Dispersive X-Ray Fluorescence Spectrometry, Test Method for, **E572 (03.05)**

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Chemical Analysis of Tool Steels and Other Similar Medium- and High-Alloy Steels, Test Methods for, **E352 (03.05)**

Copper content—paint/related coatings/applications

Metals in Cellulose by Atomic Absorption Spectrophotometry, Test Method for, **D4085 (06.03)**

Copper content—petroleum products

Determination of Calcium, Chlorine, Copper, Magnesium, Phosphorus, Sulfur, and Zinc in Unused Lubricating Oils and Additives by Wavelength Dispersive X-ray Fluorescence Spectrometry (Mathematical Correction Procedure), Test Method for, **D6443 (05.03)**

Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Test Method for, **D5185 (05.02)**

Copper content—pig lead

Chemical Analysis of Pig Lead, Test Methods for, **E37 (03.05)**

Copper content—steel

Steel Tire Cords, Test Methods for, **D2969 (07.01)**

Copper content—water

Acid-Extraction of Elements from Sediments Using Closed Vessel Microwave Heating, Practice for, **D5258 (11.02)**

Copper in Water, Test Methods for, **D1688 (11.01)**

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Copper content—Zn/Zn alloys

Chemical Analysis of Zinc and Zinc Alloys, Test Methods for, **E536 (03.05)**

Copper-copper sulfate-sulfuric acid test

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Copper corrosion

Calibration of Atmospheric Corrosion Test Chambers by Change in Mass of Copper Coupons, Test Method for, **B810 (02.04)**

Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

Copper Strip Corrosion by Industrial Aromatic Hydrocarbons, Test Method for, **D849 (06.04)**

Copper Strip Corrosion by Liquefied Petroleum (LP) Gases, Test Method for, **D1838 (05.01)**

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Corrosiveness to Copper from Petroleum Products by Copper Strip Test, Test Method for, **D130 (05.01)**

Detection of Copper Corrosion from Lubricating Grease, Test Method for, **D4048 (05.02)**

Determination of Sludging and Corrosion Tendencies of Inhibited Mineral Oils, Test Method for, **D4310 (05.02)**

Development and Use of a Galvanic Series for Predicting Galvanic Corrosion Performance, Guide for, **G82 (03.02)**

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Hydrolytic Stability of Hydraulic Fluids (Beverage Bottle Method), Test Method for, **D2619 (05.01)**

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Copper corrosion (by engine coolants)

Corrosion Test for Engine Coolants in Glassware, Test Method for, **D1384 (15.05)**

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Copper crimp rings—specifications

Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe, Specification for, **F1974 (08.04)**

Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing, Specification for, **F1807 (08.04)**

Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing, Specification for, **F2159 (08.04)**

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Coppered Carbon Steel Wire, Specification for, **A818 (01.06)**

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Determining Electrical Conductivity Using the Electromagnetic (Eddy-Current) Method, Test Method for, **E1004 (03.03)**

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Copper electrical conductors—specifications

See Copper electrical conductors—specifications

75 % Silver, 24.5 % Copper, 0.5 % Nickel Electrical Contact Alloy, Specification for, **B780 (02.04)**

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Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

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Figure-9 Deep-Grooved and Figure-8 Copper Trolley Wire for Industrial Haulage, Specification for, **B116 (02.03)**

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Lead-Coated and Lead-Alloy-Coated Soft Copper Wire for Electrical Purposes, Specification for, **B189 (02.03)**

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Copper electrodeposited coatings

See Electrodeposited Cu coatings—specifications

Copper electrodes

Determining Tracking Index of Electrical Insulating Materials Using Various Electrode Materials (Excluding Platinum), Test Method for, **D5288 (10.02)**

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Determining Electrolytic Corrosion of Copper by Adhesives, Practice for, **D3482 (15.06)**

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Copper (electromagnetic testing)

Determining Electrical Conductivity Using the Electromagnetic (Eddy-Current) Method, Test Method for, **E1004 (03.03)**

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Copper etching (of silicon crystals)

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Copper fittings

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Copper flat wire/strip

Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**

Copper foil

Flexible Composites of Copper Foil with Dielectric Film or Treated Fabrics, Test Methods for, **D2861 (10.02)**



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Copper forgings

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Copper hookup wire

Bonded Copper Conductors for Use in Hookup Wires for Electronic Equipment, Specification for, **B470 (02.03)**

Copper Conductors for Use in Hookup Wire for Electronic Equipment, Specification for, **B286 (02.03)**

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Copper-lead alloy

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Copper-lead bearings

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Copper-nickel alloys—specifications

Copper Alloy Addition Agents, Specification for, **B644 (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

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Copper-Nickel-Silicon Alloy Rod and Bar, Specification for, **B411/B411M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

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Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Copper-nickel-aluminum-magnesium alloy

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

Copper-nickel-beryllium alloy

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Copper-nickel (casting)

See **UNS C96200 (cast copper-nickel)**

Copper-nickel pipe and tube

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Copper-nickel plate and sheet

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-nickel-silicon alloy

Copper-Nickel-Silicon Alloy Rod and Bar, Specification for, **B411/B411M (02.01)**

Copper-nickel-silicon-magnesium alloy

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

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Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Tin Spinodal Alloy Rod and Bar, Specification for, **B929 (02.01)**

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

Copper-nickel-zinc alloys

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

Copper-nickel-zinc (casting)

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Copper (oxygen-free (deoxidized))

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Copper phthalocyanine blue

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Copper phthalocyanine green

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Copper pigments

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Copper pipe

Expansion (Pin Test) of Copper and Copper-Alloy Pipe and Tubing, Test Method for, **B153 (02.01)**

Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**

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Brass, Copper, and Chromium-Plated Pipe Nipples, Specification for, **B687 (02.01)**

Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, Specification for, **B706 (02.01)**

Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**

Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**

Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**

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Acid-Insoluble Content of Copper and Iron Powders, Test Method for, **E194 (02.05)**

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Brass, Copper, and Chromium-Plated Pipe Nipples, Specification for, **B687 (02.01)**
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- Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**
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- Welded Brass Tube, Specification for, **B587 (02.01)**
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Copper wire

- Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
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Copper-zinc

- Use of Mattson's Solution of pH 7.2 to Evaluate the Stress-Corrosion Cracking Susceptibility of Copper-Zinc Alloys, Practice for, **G37 (03.02)**

Copper-zinc alloy wire

- Brass Wire, Specification for, **B134/B134M (02.01)**

Copper-zinc-aluminum-cobalt alloy

- Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B592 (02.01)**

Copper-zinc-lead alloy rod

- Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**
- Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

Copper-zinc-silicon

- Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

Copper-zinc-tin alloy

- Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B592 (02.01)**
- Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**

Copper-zinc-tin-bismuth alloy

- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

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- Sa Steel pipe**
- As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, Specification for, **A774/A774M (01.01)**
- Centrifugally Cast Ferritic/Austenitic Stainless Steel Pipe for Corrosive Environments, Specification for, **A872/A872M (01.02)**
- Cold-Worked Welded Austenitic Stainless Steel Pipe, Specification for, **A814/A814M (01.01)**
- Common Requirements for Wrought Steel Piping Fittings, Specification for, **A960/A960M (01.01)**
- Ferritic/Austenitic (Duplex) Stainless Steel Pipe Electric Fusion Welded with Addition of Filler Metal, Specification for, **A928/A928M (01.01)**
- Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, Specification for, **A858/A858M (01.01)**
- Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A790/A790M (01.01)**
- Single- or Double-Welded Austenitic Stainless Steel Pipe, Specification for, **A813/A813M (01.01)**
- Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A949/A949M (01.01)**
- Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications, Practice for, **A796/A796M (01.06)**
- Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service, Specification for, **A409/A409M (01.01)**
- Corrosive service applications—plastics**
- Contact-Molded “Fiberglass” (Glass-Fiber-Reinforced Thermosetting Resin) Corrosion Resistant Pipe and Fittings, Specification for, **D6041 (08.03)**
- Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, Specification for, **D4097 (08.03)**
- Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion-Resistant Equipment, Specification for, **C582 (08.03)**
- Corrosivity Index of Plastics and Fillers, Test Method for, **D4350 (08.02)**
- Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, Specification for, **D3299 (08.03)**
- Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges, Specification for, **F1545 (08.04)**
- Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems, Specification for, **F1412 (08.04)**
- Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems, Specification for, **F1673 (08.04)**



Corrosive service applications—plate/sheet/strip

Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**

Free-Machining Stainless Steel Plate, Sheet, and Strip, Specification for, **A895 (01.03)**

General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process, Specification for, **A924/A924M (01.06)**

High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance, Specification for, **A871/A871M (01.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**

Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**

Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242) Plate, Sheet, and Strip, Specification for, **B434 (02.04)**

Steel Sheet, Terne (Lead-Tin Alloy) Coated by the Hot-Dip Process, Specification for, **A308/A308M (01.06)**

Textured Stainless Steel Sheet Metric, Specification for, **A947M (01.03)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**

Corrosive service applications—tube (Ni/Ni alloys)

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

UNS N08367 Welded Tube, Specification for, **B676 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

Welded UNS N08020 Alloy Tubes, Specification for, **B468 (02.04)**

Welded UNS N08120, UNS N08800, UNS N08810, and, Specification for, **B515 (02.04)**

Corrosive service applications—tube (steel)

Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, Specification for, **A847/A847M (01.01)**

Seamless and Electric-Welded Low-Alloy Steel Tubes, Specification for, **A423/A423M (01.01)**

Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service, Specification for, **A632 (01.01)**

Seamless and Welded Austenitic Stainless Steel Tubing for General Service, Specification for, **A269/A269M (01.01)**

Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service, Specification for, **A789/A789M (01.01)**

Seamless Stainless Steel Mechanical Tubing, Specification for, **A511/A511M (01.01)**

Welded Stainless Steel Mechanical Tubing, Specification for, **A554 (01.01)**

Welded, Unannealed Austenitic Stainless Steel Tubular Products, Specification for, **A778 (01.01)**

Corrosive service applications—wire

Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging, Specification for, **A493 (01.03)**

Corrosivity

Conducting and Evaluating Laboratory Corrosion Tests in Soils, Practice for, **G162 (03.02)**

Conducting Mixed Flowing Gas (MFG) Environmental Tests, Practice for, **B827 (02.04)**

Determining Corrosivity of Crude Oils, Guide for, **G205 (03.02)**

Determining Effects of Chemical Admixtures on Corrosion of Embedded Steel Reinforcement in Concrete Exposed to Chloride Environments, Test Method for, **G109 (03.02)**

Determining the Corrosive Effect of Combustion Products Using the Cone Corrosimeter, Test Method for, **D5485 (10.02)**

Heat-Shrinkable Tubing for Electrical Use, Test Methods for, **D2671 (10.02)**

Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube, Specification for, **B813 (02.01)**

Metal Corrosion by Halogenated Organic Solvents and Their Admixtures, Test Method for, **D2251 (15.05)**

Nonrigid Vinyl Chloride Polymer Tubing Used for Electrical Insulation, Test Methods for, **D876 (10.01)**

Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications, Test Methods for, **D1000 (10.01)**

Rubber O-Rings, Test Methods for, **D1414 (09.02)**

Self-Supported Spray Applied Cellulosic Thermal Insulation, Specification for, **C1149 (04.06)**

Stability of Perchloroethylene with Copper, Test Method for, **D3316 (15.05)**

Corrosivity—adhesives

Determining Corrosivity of Adhesive Materials, Test Method for, **D3310 (15.06)**

Determining Electrolytic Corrosion of Copper by Adhesives, Practice for, **D3482 (15.06)**

Corrosivity—cleaning compounds

Total Immersion Corrosion Test for Soak Tank Metal Cleaners, Guide for, **D1280 (15.04)**

Corrosivity—water

As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, Specification for, **A774/A774M (01.01)**

Assessing the Tendency of Industrial Boiler Waters to Cause Embrittlement (USBM Embrittlement Detector Method), Practice for, **D807 (11.01)**

Collection of On-Line Composite Samples of Suspended Solids and Ionic Solids in Process Water, Practice for, **D6301 (11.01)**



- Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
- Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Method), Test Method for, **D2688 (11.01)**
- Determination of Corrosion and Fouling Tendency of Cooling Water Under Heat Transfer Conditions, Test Method for, **D4778 (11.01)**
- Determination of Radioactive Iron in Water, Test Method for, **D4922 (11.02)**
- Sampling Water-Formed Deposits, Practices for, **D887 (11.02)**
- Corrosivity index**
- Corrosivity Index of Plastics and Fillers, Test Method for, **D4350 (08.02)**
- Corrosivity monitor**
- Conducting Mixed Flowing Gas (MFG) Environmental Tests, Practice for, **B827 (02.04)**
- Monitoring Atmospheric Corrosion Tests by Electrical Resistance Probes, Test Method for, **B826 (02.04)**
- Corrugated aluminum**
- Corrugated Aluminum Box Culverts, Specification for, **B864/B864M (02.02)**
- Corrugated aluminum pipe**
- Aluminum Alloy Sheet for Corrugated Aluminum Pipe, Specification for, **B744/B744M (02.02)**
- Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches, Specification for, **B746/B746M (02.02)**
- Corrugated Aluminum Pipe for Sewers and Drains, Specification for, **B745/B745M (02.02)**
- Installing Corrugated Aluminum Structural Plate Pipe for Culverts and Sewers, Practice for, **B789/B789M (02.02)**
- Installing Factory-Made Corrugated Aluminum Culverts and Storm Sewer Pipe, Practice for, **B788/B788M (02.02)**
- Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits, Practice for, **B790/B790M (02.02)**
- Corrugated asbestos-cement products**
- Sa Asbestos-cement*
- Asbestos-Cement Corrugated Fill For Use in Cooling Towers, Specification for, **C1081 (04.05)**
- Asbestos-Cement Products Other Than Fill For Cooling Towers, Specification for, **C1080 (04.05)**
- Corrugated board/fiberboard materials/applications**
- Sa Fiberboard containers*
- Abrasion Resistance of Printed Materials by the Sutherland Rub Tester, Practice for, **D5264 (15.10)**
- Abrasion Resistance of Printed Matter by the GA-CAT Comprehensive Abrasion Tester, Test Method for, **D5181 (06.02)**
- Fabrication and Closure of Triple-Wall Corrugated Fiberboard Containers, Practice for, **D5168 (15.10)**
- Fabrication of Fiberboard Shipping Boxes, Practice for, **D5118/D5118M (15.10)**
- Selection and Use of Flat Strapping Materials, Guide for, **D4675 (15.10)**
- Selection of Corrugated Fiberboard Materials and Box Construction Based on Performance Requirements, Practice for, **D5639/D5639M (15.10)**
- Surface Wax Coating On Corrugated Board, Test Method for, **D3521 (05.01)**
- Corrugated fiber-reinforced plastic**
- Determining Solar or Photopic Reflectance, Transmittance, and Absorptance of Materials Using a Large Diameter Integrating Sphere, Test Method for, **E1175 (12.02)**
- Corrugated pipe**
- 12 to 30 in. (300 to 750 mm) Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications, Specification for, **F2762 (08.04)**
- 150 to 1500 mm 6 to 60 in. Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications, Specification for, **F2947/F2947M (08.04)**
- 6 to 30 in. (152 To 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe And Double Wall Pipe, Specification for, **F2736 (08.04)**
- Corrugated High Density Polyethylene (HDPE) Water Quality Units, Specification for, **F2737 (08.04)**
- Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density Polyethylene and Polypropylene Pipelines, Practice for, **F2487 (08.04)**
- Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields, Practice for, **F481 (08.04)**
- Notched, Constant Ligament-Stress (NCLS) Test to Determine Slow-Crack-Growth Resistance of HDPE Resins or HDPE Corrugated Pipe, Test Method for, **F2136 (08.04)**
- Steel Reinforced Polyethylene (PE) Corrugated Pipe, Specification for, **F2435 (08.04)**
- Corrugated plastic panels**
- See Panels*
- Corrugated polyethylene (PE) tube**
- Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or Water Table Control, Practice for, **F449 (08.04)**
- Corrugated polyethylene (PE) pipe—specifications**
- Sa Polyethylene (PE) pipe—specifications*
- Corrugated Polyethylene Pipe and Fittings for Mine Leachate Applications, Specification for, **F2986 (08.04)**
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- 3 through 24 in. Corrugated Polyethylene Pipe and Fittings, Specification for, **F667 (08.04)**
- Corrugated Polyethylene (PE) Pipe and Fittings, Specification for, **F405 (08.04)**
- Polyethylene (PE) Plastic Tubing, Specification for, **D2737 (08.04)**
- Socket Fusion Tools for Use in Socket Fusion Joining Polyethylene Pipe or Tubing and Fittings, Specification for, **F1056 (08.04)**
- Corrugated poly(vinyl chloride)(PVC)**
- Sa Poly(vinyl chloride)(PVC)*
- Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe With a Smooth Interior and Fittings, Specification for, **F949 (08.04)**
- Corrugated shipping/packing materials**
- Sa Shipping containers/materials/applications—specifications*
- Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads, Test Method for, **D642 (15.10)**



- Hand Hole Design in Corrugated Boxes, Guide for, **D6804 (15.10)**
- Methods of Closing, Sealing, and Reinforcing Fiberboard Boxes, Practice for, **D1974/D1974M (15.10)**
- Packing Material, Graphitic, Corrugated Ribbon or Textured Tape, and Die-Formed Ring, Specification for, **F2168 (01.07)**
- Corrugated steel sewer/drain pipe**
- Application of Asphalt Coatings to Corrugated Steel Sewer and Drainage Pipe, Practice for, **A862/A862M (01.06)**
- Comparing the Abrasion Resistance of Coating Materials for Corrugated Metal Pipe, Test Method for, **A926 (01.06)**
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- Life-Cycle Cost Analysis of Corrugated Metal Pipe Used for Culverts, Storm Sewers, and Other Buried Conduits, Practice for, **A930 (01.06)**
- Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications, Practice for, **A796/A796M (01.06)**
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- Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains, Specification for, **A762/A762M (01.06)**
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- 2 to 60 inch [50 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications, Specification for, **F2648/F2648M (08.04)**
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- Corrugating medium**
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- Sa Building economics*
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Sa Reinforced thermosetting plastics (RTP)—specifications

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- Rubber Property—Vulcanization Using Oscillating Disk Cure Meter, Test Method for, **D2084 (09.01)**
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- Plastics: Dynamic Mechanical Properties: Cure Behavior, Test Method for, **D4473 (08.02)**
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S_a Yarn number

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S_a Modulus of elasticity

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Failure end point—building constructions/materials

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Failure end point—electronic components/devices

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Failure end point—marine applications

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Failure end point—metals/alloys

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Failure end point—packaging

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Failure end point—paints/related coatings

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Failure end point—soil/related materials

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Failure end point—textile materials/applications

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Falling pendulum test

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- Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications, for Low-Temperature Service, Specification for, **A757/A757M (01.02)**
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Sa FCC (fluid catalytic cracking) catalysts

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***Sa* Man-made textile fibers**

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See PFA (perfluoro(alkoxyalkane)) copolymer

Fluoropolymers—PTFE (polytetrafluoroethylene)

See PTFE (polytetrafluoroethylene)

Fluoropolymers—PVDF (polyvinylidene fluoride)

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Fluoropolymers—TFE (tetrafluoroethylene)

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Fluoropolymers—VDF (vinylidene fluoride)

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- Pyrolytic and Vacuum Deposition Coatings on Flat Glass, Specification for, **C1376 (15.02)**
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- Type 101 Sealing Glass, Specification for, **F79 (15.02)**
- Type 58 Borosilicate Sealing Glass, Specification for, **F105 (15.02)**
- Waste Glass as a Raw Material for the Manufacture of Glass Containers, Specification for, **E708 (11.04)**
- Glass aerospace materials/applications**
- Bond Integrity of Transparent Laminates, Test Methods for, **F521 (15.03)**
- Intensity of Scratches on Aerospace Glass Enclosures, Test Method for, **F428 (15.03)**
- Selection of Test Methods for Interlayer Materials for Aerospace Transparent Enclosures, Guide for, **F942 (15.03)**
- Glass ampoules**
- Low-Level Dissolved Oxygen in Water, Test Method for, **D5543 (11.01)**
- Glass beads**
- Determining Apparent Opening Size of a Geotextile, Test Method for, **D4751 (04.13)**
- Measuring Gradation of Glass Spheres Using a Flowing Stream Digital Image Analyzer, Test Method for, **D7681 (06.02)**
- Two-Sided Liquid Extraction of Plastic Materials Using FDA Migration Cell, Test Method for, **D4754 (08.02)**
- Glass (borosilicate)**
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Glass capillary viscometer

Determining Inherent Viscosity of Poly(Ethylene Terephthalate) (PET) by Glass Capillary Viscometer, Test Method for, **D4603 (08.02)**

Glass-ceramic biomaterial

Glass and Glass Ceramic Biomaterials for Implantation, Specification for, **F1538 (13.01)**

Glass ceramics

***Sa* Ceramic materials/applications—specifications**

Determining Chemical Durability of Nuclear, Hazardous, and Mixed Waste Glasses and Multiphase Glass Ceramics: The Product Consistency Test (PCT), Test Methods for, **C1285 (12.01)**

Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels, Test Method for, **C927 (15.02)**

Measuring Waste Glass or Glass Ceramic Durability by Vapor Hydration Test, Test Method for, **C1663 (12.01)**

Specimen Preparation for Determination of Linear Thermal Expansion of Vitreous Glass Enamels and Glass Enamel Frits by the Dilatometer Method, Practice for, **C824 (15.02)**

Strength of Glass by Flexure (Determination of Modulus of Rupture), Test Methods for, **C158 (15.02)**

Young's Modulus, Shear Modulus, and Poisson's Ratio for Glass and Glass-Ceramics by Resonance, Test Method for, **C623 (15.02)**

Glass (coated/uncoated)

Continuity of Coatings in Glassed Steel Equipment by Electrical Testing, Test Method for, **C536 (02.05)**

Reliability of Glass Coatings on Glassed Steel Reaction Equipment by High Voltage, Test Method for, **C537 (02.05)**

Glass containers

Acid Resistance of Ceramic Decorations on Returnable Beer and Beverage Glass Containers, Test Method for, **C735 (15.02)**

Alkali Resistance of Ceramic Decorations on Returnable Beverage Glass Containers, Test Method for, **C675 (15.02)**

Determining the Carbon Dioxide Loss of Beverage Containers, Test Method for, **F1115 (15.10)**

Internal Pressure Strength of Glass Containers, Test Methods for, **C147 (15.02)**

Polariscopic Examination of Glass Containers, Test Methods for, **C148 (15.02)**

Preparation of Sample Containers and for Preservation of Organic Constituents, Practices for, **D3694 (11.02)**

Resistance of Glass Containers to Chemical Attack, Test Methods for, **C225 (15.02)**

Sampling Glass Containers, Practice for, **C224 (15.02)**

Sampling Protocol for TCLP Testing of Container Glassware, Test Method for, **C1606 (15.02)**

Thermal Shock Resistance of Glass Containers, Test Method for, **C149 (15.02)**

Waste Glass as a Raw Material for Glass Manufacturing, Test Methods for, **E688 (11.04)**

Waste Glass as a Raw Material for the Manufacture of Glass Containers, Specification for, **E708 (11.04)**

Glass cullet

Glass Cullet Recovered from Waste for Use in Manufacture of Glass Fiber, Specification for, **D5359 (11.04)**

Glassed steel equipment

Continuity of Coatings in Glassed Steel Equipment by Electrical Testing, Test Method for, **C536 (02.05)**

Reliability of Glass Coatings on Glassed Steel Reaction Equipment by High Voltage, Test Method for, **C537 (02.05)**

Glass electrical/electronic insulation

Evaluation of Glass-to-Metal Headers Used in Electron Devices, Specification and Test Method for, **F18 (10.04)**

Fibrous-Insulated Magnet Wire, Test Methods for, **D3353 (10.02)**

Flexible Resin-Coated Glass Fabrics and Glass Fabric Tapes Used for Electrical Insulation, Test Methods for, **D902 (10.01)**

Fully Cured Silicone Rubber-Coated Glass Fabric and Tapes for Electrical Insulation, Test Methods for, **D1458 (10.01)**

Glass-Bonded Mica Used as Electrical Insulation, Test Methods for, **D1039 (10.01)**

High-Temperature Glass Cloth Pressure-Sensitive Electrical Insulating Tape, Specification for, **D2754 (10.02)**

Laminated Round Rods Used for Electrical Insulation, Test Methods for, **D349 (10.01)**

Measuring Optical Retardation and Analyzing Stress in Glass, Test Method for, **F218 (15.02)**

Rigid Tubes Used for Electrical Insulation, Test Methods for, **D348 (10.01)**

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Type 58 Borosilicate Sealing Glass, Specification for, **F105 (15.02)**

Glass electrodes

pH of Aqueous Solutions With the Glass Electrode, Test Method for, **E70 (15.05)**

pH of Atmospheric Wet Deposition Samples by Electrometric Determination, Test Method for, **D5015 (11.07)**

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Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, Specification for, **F256 (10.04)**

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Iron-Nickel Sealing Alloys, Specification for, **F30 (10.04)**

Iron-Nickel-Cobalt Alloys for Metal-to-Ceramic Sealing Applications, Specification for, **F1466 (10.04)**

Iron-Nickel-Cobalt Sealing Alloy, Specification for, **F15 (10.04)**

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Making Reference Glass-Metal Butt Seals and Testing for Expansion Characteristics by Polarimetric Methods, Practice for, **F140 (15.02)**

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Molybdenum Wire and Rod for Electronic Applications, Specification for, **F289 (10.04)**

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Surface Flaws in Tungsten Seal Rod and Wire, Test Method for, **F204 (10.04)**

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Type 101 Sealing Glass, Specification for, **F79 (15.02)**

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Glass enamel applications

- Acid Resistance of Ceramic Decorations on Architectural-Type Glass, Test Method for, **C724 (15.02)**
- Acid Resistance of Ceramic Decorations on Returnable Beer and Beverage Glass Containers, Test Method for, **C735 (15.02)**
- Alkali Resistance of Ceramic Decorations on Returnable Beverage Glass Containers, Test Method for, **C675 (15.02)**
- Detergent Resistance of Ceramic Decorations on Glass Tableware, Test Method for, **C676 (15.02)**
- Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels, Test Method for, **C927 (15.02)**
- Photoelastic Determination of Residual Stress in a Transparent Glass Matrix Using a Polarizing Microscope and Optical Retardation Compensation Procedures, Test Method for, **C978 (15.02)**
- Sulfide Resistance of Ceramic Decorations on Glass, Test Method for, **C777 (15.02)**

Glass exudation

- Testing of Glass Exudation from AZS Fusion-Cast Refractories, Test Method for, **C1223 (15.01)**

Glass fabrics/fibers/textile products

- Conducting Exposures to Daylight Filtered Through Glass, Practice for, **G24 (14.04)**
- Fabric Stability of Vinyl-Coated Glass Yarn Insect Screening and Louver Cloth, Test Method for, **D4912/D4912M (07.02)**
- Glass Fiber and Its Products, Terminology Relating to, **D7018/D7018M (07.02)**
- Ignition Loss of Glass Fiber Strands and Fabrics, Test Method for, **D4963/D4963M (07.02)**
- Textiles, Terminology Relating to, **D123 (07.01)**

Glass fabrics/fibers/textile products—specifications

Sa Woven glass (for plastic laminates)

- Asphalt Glass Felt Used in Roofing and Waterproofing, Specification for, **D2178/D2178M (04.04)**
- Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules, Specification for, **D3462/D3462M (04.04)**
- Asphalt-Coated Glass Fiber Base Sheet Used in Roofing, Specification for, **D4601/D4601M (04.04)**
- Glass Fabrics (Woven and Treated) for Roofing and Waterproofing, Specification for, **D1668/D1668M (04.04)**
- Glass Fiber Cord and Sewing Thread, Specification for, **D4030/D4030M (07.01)**
- Glass Fiber Greige Braided Tubular Sleeving, Specification for, **D581/D581M (07.01)**
- Glass Fiber Strands, Specification for, **D578/D578M (07.01)**
- Greige Woven Glass Fabrics, Specification for, **D579/D579M (07.01)**
- Greige Woven Glass Tapes and Webbing, Specification for, **D580/D580M (07.01)**
- Insect Screening and Louver Cloth Woven from, Specification for, **D3656/D3656M (07.01)**
- Polytetrafluoroethylene-(PTFE) Coated Glass Fabric, Specification for, **D4969 (08.02)**
- Solar Screening Woven from Vinyl-Coated Fiber Glass Yarn, Specification for, **D4028/D4028M (07.01)**
- Vinyl-Coated Glass Yarns, Specification for, **D3374/D3374M (07.01)**

Glass felt for roofing and waterproofing

Sa Roofing materials/applications

- Asphalt Glass Felt Used in Roofing and Waterproofing, Specification for, **D2178/D2178M (04.04)**

- Asphalt Roll Roofing (Glass Felt) Surfaced With Mineral Granules, Specification for, **D3909/D3909M (04.04)**
- Coal Tar Glass Felt Used in Roofing and Waterproofing, Specification for, **D4990 (04.04)**

Glass fiber insulation

- Determining the Water Retention (Repellency) Characteristics of Fibrous Glass Insulation (Aircraft Type), Test Method for, **C1511 (04.06)**
- Determining Wicking of Fibrous Glass Blanket Insulation (Aircraft Type), Test Method for, **C1559 (04.06)**
- Duplex, Base Metal Thermocouple Wire With Glass Fiber or Silica Fiber Insulation, Specification for, **E574 (14.03)**
- Glass Cullet Recovered from Waste for Use in Manufacture of Glass Fiber, Specification for, **D5359 (11.04)**

Glass fiber materials/applications

- Determination of Glass Fiber Content in Glass Fiber Reinforced Concrete (GFRC)(Wash-Out Test), Test Method for, **C1229 (04.05)**
- Glass Fiber Reinforced Thermoplastic Pipe, Specification for, **F2686 (08.04)**
- Preparing Coupons for Flexural and Washout Tests on Glass Fiber Reinforced Concrete, Practice for, **C1228 (04.05)**
- Tensile Strength and Young's Modulus of Fibers, Test Method for, **C1557 (15.01)**

Glass-fiber-reinforced cement-based composites

- Hot Water Accelerated Aging of Glass-Fiber Reinforced Cement-Based Composites, Test Method for, **C1560 (04.05)**

Glass fiber reinforced concrete (GFRC)

- Alkali Resistant (AR) Glass Fiber for GFRC and Fiber-Reinforced Concrete and Cement, Specification for, **C1666/C1666M (04.05)**
- Determination of Glass Fiber Content in Glass Fiber Reinforced Concrete (GFRC)(Wash-Out Test), Test Method for, **C1229 (04.05)**
- Dry and Wet Bulk Density, Water Absorption, and Apparent Porosity of Thin Sections of Glass-Fiber Reinforced Concrete, Test Method for, **C948 (04.05)**
- Fiber-Reinforced Concrete, Specification for, **C1116/C1116M (04.02)**
- Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete (Using Simple Beam With Third-Point Loading), Test Method for, **C947 (04.05)**
- Performing Tension Tests on Glass-Fiber Reinforced Concrete (GFRC) Bonding Pads, Test Method for, **C1230 (04.05)**
- Preparing Coupons for Flexural and Washout Tests on Glass Fiber Reinforced Concrete, Practice for, **C1228 (04.05)**
- Sampling and Testing Structural Cementitious Panels, Test Method for, **C1704/C1704M (04.05)**
- Structural Cementitious Panels, Specification for, **C1705/C1705M (04.05)**

Glass-fiber-reinforced (GRG) materials

Sa GRG (glass-fiber-reinforced gypsum) materials

- Self-Adhesive Glass Fiber Fabric Reinforced Polymer Modified Asphalt Steep Slope Roll Roofing Surfaced with Mineral Granules, Specification for, **D7530/D7530M (04.04)**

Glass-fiber-reinforced (GRP) plastics

- "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe Fittings, Specification for, **D5685 (08.03)**
- Acoustic Emission Examination of Fiberglass Reinforced Plastic Resin (FRP) Tanks/Vessels, Practice for, **E1067/E1067M (03.03)**



- Apparent Horizontal Shear Strength of Pultruded Reinforced Plastic Rods By the Short-Beam Method, Test Method for, **D4475 (08.02)**
- Classifying Visual Defects in Glass-Reinforced Plastic Laminate Parts, Practice for, **D2563 (08.01)**
- Flexural Properties of Fiber Reinforced Pultruded Plastic Rods, Test Method for, **D4476/D4476M (08.02)**
- In-Plane Shear Strength of Pultruded Glass-Reinforced Plastic Rod, Test Method for, **D3914 (08.02)**
- Installation Procedures of Vinyl Deck Coverings on Portable Plates in Electrical and Electronic Spaces, Practice for, **F1331 (01.07)**
- Long-Term Ring-Bending Strain of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, Test Method for, **D5365 (08.03)**
- Rehabilitation of Existing Pipelines and Conduits by the Pulled in Place Installation of Glass Reinforced Plastic (GRP) Cured-in-Place Thermosetting Resin Pipe (CIPP), Practice for, **F2019 (08.04)**
- Reinforced Plastic Pultruded Products, Terminology Relating to, **D3918 (08.02)**
- Tensile Properties of Glass Fiber Strands, Yarns, and Rovings Used in Reinforced Plastics, Test Method for, **D2343 (08.01)**
- Tensile Properties of Pultruded Glass-Fiber-Reinforced, Test Method for, **D3916 (08.02)**
- Glass-fiber-reinforced (GRP) plastics—specifications**
- Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements, Specification for, **D6509/D6509M (04.04)**
- Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements, Specification for, **D6223/D6223M (04.04)**
- Contact Molded “Fiberglass” (Glass Fiber Reinforced Thermosetting Resin) Ducts, Specification for, **D3982 (08.03)**
- Contact-Molded “Fiberglass” (Glass-Fiber-Reinforced Thermosetting Resin) Corrosion Resistant Pipe and Fittings, Specification for, **D6041 (08.03)**
- Contact-Molded Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, Specification for, **D4097 (08.03)**
- Dimensional Tolerance of Thermosetting Glass-Reinforced Plastic Pultruded Shapes, Specification for, **D3917 (08.02)**
- Fiberglass (GRP) Pultruded Open-Weather Storm and Guard, Square Railing Systems, Specification for, **F1092 (01.07)**
- Finished Glass Fabrics Woven From Rovings, Specification for, **D4389/D4389M (07.01)**
- Finished Woven Glass Fabrics, Specification for, **D4029/D4029M (07.01)**
- Glass-Fiber Reinforced Polyester Wall and Ceiling Panels, Specification for, **D5319 (08.03)**
- Glass-Fiber-Reinforced Polyester Manholes and Wetwells, Specification for, **D3753 (08.03)**
- Glass-Fiber-Reinforced Polyester Plastic Panels, Specification for, **D3841 (08.03)**
- Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements, Specification for, **D6162/D6162M (04.04)**
- Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements, Specification for, **D6163/D6163M (04.04)**
- Glass fiber reinforced polyethylene (PE-GF)**
- Glass Fiber Reinforced Polyethylene (PE-GF) Spiral Wound Large Diameter Pipe, Specification for, **F2720/F2720M (08.04)**
- Glass-fiber-reinforced thermosetting resin (“fiberglass”)**
- Sa* **Fiberglass pipe—specifications**
- Beam Deflection of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting Resin) Pipe Under Full Bore Flow, Test Method for, **D2925 (08.03)**
- Chemical Resistance of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe in a Deflected Condition, Test Method for, **D3681 (08.03)**
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- Glass laboratory apparatus—microchemical**
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- Autoclavable Protective Coatings on Laboratory Glassware, Specification for, **E1522 (14.04)**
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- Disposable Glass Micropipets, Specification for, **E672 (14.04)**
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- Glass Capillary Kinematic Viscometers, Specifications and Operating Instructions for, **D446 (05.01)**
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- Glass Micro Folin Pipet, Disposable, Specification for, **E1092 (14.04)**
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- Glass Serological Pipets (General Purpose and Kahn), Specification for, **E1044 (14.04)**
- Glass Stopcocks with Polytetrafluoroethylene (PTFE) Plugs, Specification for, **E911 (14.04)**
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- Glasses in Laboratory Apparatus, Specification for, **E438 (14.04)**
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- Pressure Vessel Plates, Carbon Steel, Manganese-Titanium for Glass or Diffused Metallic Coatings, Specification for, **A562/A562M (01.04)**
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- Waste Glass as a Raw Material for Glass Manufacturing, Test Methods for, **E688 (11.04)**
- Glass mat cement sheet**
- Non-Asbestos Fiber-Mat Reinforced Cementitious Backer Units, Specification for, **C1325 (04.05)**
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- Beaded Process Glass Pipe and Fittings, Specification for, **C1509 (15.02)**
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- Glass plate flow**
- Inclined Plate Flow for Thermosetting Coating Powders, Test Method for, **D4242 (06.02)**
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- Glass reinforced plastics**
- Acrylonitrile-Butadiene-Styrene (ABS) Plastics and Alloys Molding and Extrusion Materials, Classification System for, **D4673 (08.02)**
- Glass Fiber Reinforced Thermoplastic Pipe, Specification for, **F2686 (08.04)**
- Glass samples/containers**
- Preparation of Sample Containers and for Preservation of Organic Constituents, Practices for, **D3694 (11.02)**
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- Chemical Analysis of Glass Sand, Test Methods for, **C146 (15.02)**



Glass sewing threads

Glass Fiber Cord and Sewing Thread, Specification for, **D4030/D4030M (07.01)**

Glass spheres

Sieve Analysis of Glass Spheres, Test Method for, **D1214 (06.02)**

Glass spheres (in traffic paint/markings material)

Gravimetric Analysis of White and Yellow Thermoplastic Traffic Marking, Test Methods for, **D4797 (06.02)**

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Asphalt-Coated Glass Fiber Base Sheet Used in Roofing, Specification for, **D4601/D4601M (04.04)**

Cellular Glass Thermal Insulation, Specification for, **C552 (04.06)**

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Glass Fiber Mechanically Bonded Felt Thermal Insulation, Specification for, **C1086 (04.06)**

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Sa Petroleum coke

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Supplemental Coolant Additives (SCAs) for Use in Precharging Coolants for Heavy-Duty Engines, Specification for, **D5752 (15.05)**

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Sa Engine coolants/concentrates

Cummins M11 EGR Test, Test Method for, **D6975 (05.04)**

Cummins M11 High Soot Test, Test Method for, **D6838 (05.03)**

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Evaluation of Engine Oils in Diesel Four-Stroke Cycle Supercharged 1M-PC Single Cylinder Oil Test Engine, Test Method for, **D6618 (05.03)**

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Heavy-duty jackets—specifications

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Heavy-duty shielded couplings—specifications

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Heavy-duty strapping materials—specifications

Selection and Use of Flat Strapping Materials, Guide for, **D4675 (15.10)**

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Heavy fuel oils

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Sa Distillation—petroleum products

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High Strength Steel Castings in Heavy Sections, Specification for, **A1001 (01.02)**

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Steel, Sheet and Strip, Heavy-Thickness Coils, Alloy, Drawing Steel and Structural Steel, Hot-Rolled, Specification for, **A1031/A1031M (01.03)**

Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Alloy, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability, General Requirements for, Specification for, **A635/A635M (01.03)**

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Heavy Vehicular Paving Brick, Specification for, **C1272 (04.05)**

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Sa Fences/fencing materials

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Sa Chemicals

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High-temperature service applications—nickel (specifications)

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Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

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Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

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High-temperature service applications—steel bars

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Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels, Specification for, **A479/A479M (01.03)**

High-temperature service applications—steel bolting applications

Sa Steel pipe

Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications, Specification for, **A193/A193M (01.01)**

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High-temperature service applications—steel castings

Castings, Austenitic, for Pressure-Containing Parts, Specification for, **A351/A351M (01.02)**

Steel Castings, Alloy, Specially Heat-Treated, for Pressure-Containing Parts, Suitable for High-Temperature Service, Specification for, **A389/A389M (01.02)**

Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service, Specification for, **A216/A216M (01.02)**

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High-temperature service applications—steel forgings

Alloy Steel Forgings for Pressure and High-Temperature Parts, Specification for, **A336/A336M (01.05)**

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Welded and Seamless Wrought Steel Pipe [American National Standard], **ANSI/ASMEB36.19M-1985 (Related Material) (01.01)**

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- Seamless and Welded Austenitic Stainless Steel Tubing for General Service, Specification for, **A269/A269M (01.01)**
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- Seamless Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, Specification for, **A209/A209M (01.01)**
- Seamless Cold-Drawn Carbon Steel Feedwater Heater Tubes, Specification for, **A556/A556M (01.01)**
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- Sa Fences/fencing materials*
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Sa Alloy steel plate—specifications

High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding, Specification for, **A514/A514M (01.04)**

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Sa Shipbuilding steel materials (doors)

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Sa Manhole materials/applications—specifications

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Hot rolling mill solution heat treatment

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Martensitic Stainless Steel Bars for High-Temperature Service, Specification for, **A565/A565M (01.03)**

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- Normalized High-Strength Low-Alloy Structural Steel Plates, Specification for, **A633/A633M (01.04)**
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- Pressure Vessel Plates, High-Strength, Low-Alloy Steel, Specification for, **A737/A737M (01.04)**
- Structural Steel for Bridges, Specification for, **A709/A709M (01.04)**
- HSLA (high-strength low-alloy) steel sheet/strip—specifications**
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- Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, Specification for, **A1011/A1011M (01.03)**
- Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, Specification for, **A568/A568M (01.03)**
- Steel, Sheet, Carbon, Ultra High Strength Cold Rolled, Specification for, **A980/A980M (01.03)**
- Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable, Specification for, **A1008/A1008M (01.03)**
- Steel, Strip, Carbon and High-Strength, Low-Alloy, Hot-Rolled, General Requirements for, Specification for, **A749/A749M (01.03)**
- HSLA (high-strength low-alloy) steel sheet/tube—specifications**
- Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, Specification for, **A847/A847M (01.01)**
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Cored, Annular, Concentric-Lay-Stranded Copper Conductors, Specification for, **B226 (02.03)**

Lead-Coated and Lead-Alloy-Coated Soft Copper Wire for Electrical Purposes, Specification for, **B189 (02.03)**

Modified Concentric-Lay-Stranded Copper Conductors for Use in Insulated Electrical Cables, Specification for, **B784 (02.03)**

Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors, Specification for, **B172 (02.03)**

Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors, Specification for, **B173 (02.03)**

Lead/cadmium (in zinc oxide)

Rubber Compounding Material—Zinc Oxide, Test Methods for, **D4315 (09.01)**

Lead carbonate

Basic Carbonate White Lead Pigment, Specification for, **D81 (06.03)**

Lead chromate

Determining the Presence of Lead Salts in Leather, Test Method for, **D6018 (15.04)**

Lead chromate pigment

Sa **Chrome green pigment**

Analysis of Yellow, Orange, and Green Pigments Containing Lead Chromate and Chromium Oxide Green, Test Methods for, **D126 (06.03)**

Gravimetric Analysis of White and Yellow Thermoplastic Traffic Marking, Test Methods for, **D4797 (06.02)**

Lead-coated copper sheet/strip

Lead-Coated Copper Sheet and Strip for Building Construction, Specification for, **B101 (02.01)**

Lead (conductors in electron tubes)

See **Wire—electronic devices**

Lead content

Analysis of Heavy Metals in Glass by Field Portable X-Ray Fluorescence (XRF), Test Method for, **F2980 (10.04)**

Analysis of Nickel Alloys by Graphite Furnace Atomic Absorption Spectrometry, Test Method for, **E1834 (03.05)**

Consumer Product Safety for Children's Jewelry, Specification for, **F2923 (15.11)**

Lead in Water, Test Methods for, **D3559 (11.01)**

Lead-210 in Water, Test Method for, **D7535 (11.02)**

Rubber—Determination of Metal Content by Flame Atomic Absorption (AAS) Analysis, Test Methods for, **D4004 (09.01)**

Total Lead Content in Synthetic Turf Fibers, Specification for, **F2765 (15.07)**

Trace Elements in Coal and Coke Ash by Atomic Absorption, Test Method for, **D3683 (05.06)**

Lead content—Al/Al alloys

Analysis of Zinc-5 % Aluminum-Mischmetal Alloys by ICP Emission Spectrometry, Test Method for, **E1277 (03.05)**

Chemical Analysis of Aluminum and Aluminum-Base Alloys, Test Methods for, **E34 (03.05)**

Lead content—cadmium

Chemical Analysis of Cadmium, Test Methods for, **E396 (03.05)**

Lead content—ceramic materials

Graphite Furnace Atomic Absorption Spectrometric Determination of Lead and Cadmium Extracted from Ceramic Foodware, Test Method for, **C1466 (15.02)**

Lead and Cadmium Extracted from Glazed Ceramic Surfaces, Test Method for, **C738 (15.02)**

Lead and Cadmium Extracted from Glazed Ceramic Tile, Test Method for, **C895 (15.02)**

Lead and Cadmium Extracted from the Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels, Test Method for, **C927 (15.02)**

Lead content—Cu/Cu alloys

Chemical Analysis of Copper Alloys, Test Methods for, **E478 (03.05)**

Lead content—ferrous alloys

Chemical Analysis of Carbon Steel, Low-Alloy Steel, Silicon Electrical Steel, Ingot Iron, and Wrought Iron, Test Methods for, **E350 (03.05)**

Chemical Analysis of Cast Iron—All Types, Test Methods for, **E351 (03.05)**

Chemical Analysis of Stainless, Heat-Resisting, Maraging, and Other Similar Chromium-Nickel-Iron Alloys, Test Methods for, **E353 (03.05)**

Chemical Analysis of Tool Steels and Other Similar Medium- and High-Alloy Steels, Test Methods for, **E352 (03.05)**



Lead content—gasoline

Lead in Gasoline by Atomic Absorption Spectroscopy, Test Method for, **D3237 (05.01)**

Lead in Gasoline by X-Ray Spectroscopy, Test Methods for, **D5059 (05.02)**

Lead in Gasoline—Iodine Monochloride Method, Test Method for, **D3341 (05.01)**

Rapid Field Test for Trace Lead in Unleaded Gasoline (Colorimetric Method), Test Method for, **D3348 (05.01)**

Trace Metals in Gas Turbine Fuels by Atomic Absorption and Flame Emission Spectroscopy, Test Method for, **D3605 (05.01)**

Lead content—metals

Electrolytic Copper Cathode, Specification for, **B115 (02.01)**

Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**

Lead content—Zn/Zn alloys

Chemical Analysis of Zinc and Zinc Alloys, Test Methods for, **E536 (03.05)**

Lead dioxide technique

Evaluation of Total Sulfation Activity in the Atmosphere by the Lead Dioxide Technique, Test Methods for, **D2010/D2010M (11.07)**

Leaded automotive gasoline

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Leaded brass extruded shapes

Sa **UNS C31400 (hardware bronze; leaded commercial bronze)**

Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**

Leaded brass plate/sheet/strip

Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

Leaded brass rod/bar/shapes

Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

Low Leaded Brass Rod, Bar and Shapes, Specification for, **B981/B981M (02.01)**

Leaded brass wire

Brass Wire, Specification for, **B134/B134M (02.01)**

Leaded commercial bronze

See **UNS C31400 (hardware bronze; leaded commercial bronze)**

Leaded manganese bronze (casting)

See **UNS C86400 (cast leaded manganese bronze)**

Leaded Muntz metal

See **UNS C36500 (leaded Muntz metal, uninhibited)**

Leaded naval brass

See **UNS C48200 (naval brass, medium leaded)**

Leaded nickel bronze (casting)

See **UNS C97300 (cast nickel-silver)**

Leaded nickel silver (casting)

See **UNS C97300 (cast nickel-silver)**

Leaded red brass

Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

Leaded red brass (casting)

See **UNS C83600 (cast leaded red brass)**

Leaded semi-red brass (casting)

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Leaded tin bronze

See **UNS C92200 (cast leaded tin bronze)**

Leaded yellow brass (casting)

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Leaded zinc oxide

Analysis of White Zinc Pigments, Test Methods for, **D3280 (06.03)**

Lead frames (for integrated circuits)

See **Integrated circuits**

Lead hazard reduction activity

Clearance Examinations Following Lead Hazard Reduction Activities in Dwellings, and in Other Child-Occupied Facilities, Practice for, **E2271 (04.12)**

Selection of Lead Hazard Reduction Methods for Identified Risks in Residential Housing or Child Occupied Facilities, Practice for, **E2252 (04.12)**

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Calculation of Corrosion Rates and Related Information from Electrochemical Measurements, Practice for, **G102 (03.02)**

Chemical Analysis of Pig Lead, Test Methods for, **E37 (03.05)**

Chemical Analysis of Refined Nickel, Test Methods for, **E1587 (03.05)**

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Development and Use of a Galvanic Series for Predicting Galvanic Corrosion Performance, Guide for, **G82 (03.02)**

Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Test Method for, **D5185 (05.02)**

Preparation of Lead and Lead Alloys for Electroplating, Guide for, **B319 (02.05)**

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Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

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Lead oxide content

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- Determining Mass Per Unit Area of Electrodeposited and Related Coatings by Gravimetric and Other Chemical Analysis Procedures, Guide for, **B767 (02.05)**

- Electrodeposited Coatings of Lead and Lead-Tin Alloys on Steel and Ferrous Alloys, Specification for, **B200 (02.05)**

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- Determining Hydraulic Properties of a Confined Aquifer Taking into Consideration Storage of Water in Leaky Confining Beds by Modified Hantush Method, Test Method (Analytical Procedure) for, **D6028 (04.09)**

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- Design and Construction of Brick Liners for Industrial Chimneys, Guide for, **C1298 (04.05)**

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- Certificate Programs, Practice for, **E2659 (14.02)**
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Manganese content—Ni/Ni alloys

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Manganese content—petroleum products

Determination of Trace Metals in Petroleum Coke by Wavelength Dispersive X-ray Fluorescence Spectroscopy, Test Method for, **D6376 (05.03)**

Manganese in Gasoline By Atomic Absorption Spectroscopy, Test Method for, **D3831 (05.02)**

Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Test Method for, **D5185 (05.02)**

Trace Metals in Petroleum Coke by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Test Method for, **D5600 (05.02)**

Manganese content—rubber

Rubber from Natural Sources - Chemical Analysis, Test Methods for, **D1278 (09.01)**

Rubber—Determination of Metal Content by Flame Atomic Absorption (AAS) Analysis, Test Methods for, **D4004 (09.01)**

Manganese content—steel

Chemical Analysis of Carbon Steel, Low-Alloy Steel, Silicon Electrical Steel, Ingot Iron, and Wrought Iron, Test Methods for, **E350 (03.05)**

Chemical Analysis of High-Temperature, Electrical, Magnetic, and Other Similar Iron, Nickel, and Cobalt Alloys, Test Methods for, **E354 (03.05)**

Chemical Analysis of Tool Steels and Other Similar Medium- and High-Alloy Steels, Test Methods for, **E352 (03.05)**

Manganese content—water

Acid-Extraction of Elements from Sediments Using Closed Vessel Microwave Heating, Practice for, **D5258 (11.02)**

Elements in Water by Inductively Coupled Plasma—Mass Spectrometry, Test Method for, **D5673 (11.02)**

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Manganese in Water, Test Methods for, **D858 (11.01)**

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Manganese-copper alloys

Chemical Analysis of Manganese-Copper Alloys, Test Methods for, **E581 (03.05)**

Manganese dioxide (MnO₂) content

Major and Minor Elements in Combustion Residues from Coal Utilization Processes, Test Method for, **D3682 (05.06)**

Manganese isotope removal

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Manganese-molybdenum-columbium alloy

Pressure Vessel Plates, Low-Carbon Manganese-Molybdenum-Columbium Alloy Steel, for Moderate and Lower Temperature Service, Specification for, **A735/A735M (01.04)**

Manganese-molybdenum-nickel alloy—specifications

Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, Specification for, **A302/A302M (01.04)**

Pressure Vessel Plates, Alloy Steel, Quenched and Tempered, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, Specification for, **A533/A533M (01.04)**

Manganese-nickel aluminum bronze (casting)

See UNS C95700 (cast aluminum bronze)

Manganese ores

Determination of Iron in Manganese Ores by Hydrogen Sulfide Reduction-Dichromate Titrimetry, Test Method for, **E316 (03.05)**

Determination of Manganese (IV) in Manganese Ores by Redox Titrimetry, Test Methods for, **E465 (03.05)**

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Manganese sulfide

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Manganese surgical materials/applications—specifications

Wrought Nitrogen Strengthened 21Chromium—10Nickel—3Manganese—2.5Molybdenum Stainless Steel Alloy Bar for Surgical Implants (UNS S31675), Specification for, **F1586 (13.01)**

Wrought Nitrogen Strengthened 22 Chromium—13 Nickel—5 Manganese—2.5 Molybdenum Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S20910), Specification for, **F1314 (13.01)**



Wrought, Nitrogen Strengthened 23Manganese-21Chromium-1Molybdenum Low-Nickel Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S29108), Specification for, **F2229 (13.01)**

Manganic oxide content

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Manhole materials/applications

Concrete Pipe, Manhole Sections, or Tile, Test Methods for, **C497 (04.05)**

Concrete Pipe, Manhole Sections, or Tile (Metric), Test Methods for, **C497M (04.05)**

Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill, Test Method for, **C1244 (04.05)**

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Circular Precast Reinforced Concrete Manhole Sections (Metric), Specification for, **C478M (04.05)**

Concrete Masonry Units for Construction of Catch Basins and Manholes, Specification for, **C139 (04.05)**

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Manhole Cover Assembly, Bolted, Semi-Flush, Oiltight and Watertight, Specification for, **F1142 (01.07)**

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Sa **Electrical contact materials**

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MDTD (minimum detectable temperature differences)

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Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**

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Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), Specification for, **F688 (13.01)**

Wrought Nitrogen Strengthened 21Chromium—10Nickel—3Manganese—2.5Molybdenum Stainless Steel Alloy Bar for Surgical Implants (UNS S31675), Specification for, **F1586 (13.01)**

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Wrought Titanium-12Molybdenum-6Zirconium-2Iron Alloy for Surgical Implant (UNS R58120), Specification for, **F1813 (13.01)**

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Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

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Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**

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Nickel bronze (lead)—casting

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Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements, Specification for, **B344 (02.04)**

Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Electrodeposited Coatings of Copper Plus Nickel Plus, Specification for, **B456 (02.05)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**



- Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy, Specification for, **B814 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-, Specification for, **B719 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, Specification for, **B718 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, Specification for, **B722 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloy, Specification for, **B443 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650) Rod and Bar, Specification for, **B446 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloys, Specification for, **B444 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloy, Specification for, **B756 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B759 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B755 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B758 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten-Alloys, Specification for, **B757 (02.04)**
- Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, Specification for, **B512 (02.04)**
- Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**
- Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, Specification for, **B670 (02.04)**
- Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**
- UNS N08020 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
- UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**
- UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**
- UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
- Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**
- Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**
- Welded UNS N08020 Alloy Pipe, Specification for, **B464 (02.04)**
- Nickel-chromium-cobalt-molybdenum alloy—specifications**
- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Nickel-chromium-iron alloys**
- Accelerated Life of Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating, Test Method for, **B76 (02.04)**
- Determining the Susceptibility of Stainless Steels and Related Nickel-Chromium-Iron Alloys to Stress-Corrosion Cracking in Polythionic Acids, Practice for, **G35 (03.02)**



Nickel-chromium-iron alloys—specifications

- Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**
- Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements, Specification for, **B344 (02.04)**
- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
- General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Nickel-Chromium-Iron Sealing Alloys, Specification for, **F31 (10.04)**
- Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

Nickel-chromium-iron-molybdenum-copper alloys—specifications

- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

Nickel-chromium-iron-molybdenum-tungsten alloys—specifications

- Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy, Specification for, **B814 (02.04)**

Nickel-chromium-iron-silicon alloys—specifications

- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Nickel-chromium-molybdenum alloys—specifications

- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Pressure Vessel Plates, Alloy Steel, Quenched and Tempered Nickel-Chromium-Molybdenum, Specification for, **A543/A543M (01.04)**
- Quenched and Tempered Carbon and Alloy Steel Forgings for Pressure Vessel Components, Specification for, **A541/A541M (01.05)**
- Quenched and Tempered Vacuum-Treated Carbon and Alloy Steel Forgings for Pressure Vessels, Specification for, **A508/A508M (01.05)**
- UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**

Nickel-chromium-molybdenum-cobalt-tungsten-iron-silicon alloy—specifications

- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-, Specification for, **B719 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, Specification for, **B718 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, Specification for, **B722 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**

Nickel-chromium-molybdenum-columbium alloys—specifications

- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloy, Specification for, **B443 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650) Rod and Bar, Specification for, **B446 (02.04)**
- Nickel-Chromium-Molybdenum-Columbium Alloys, Specification for, **B444 (02.04)**
- Water Trap for Diesel Exhaust, Specification for, **F1431 (01.07)**
- Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

Nickel-chromium-molybdenum-iron alloys—specifications

- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**



- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- Nickel-chromium-molybdenum-iron-columbium alloys—specifications**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel-chromium-molybdenum-silicon alloys—specifications**
Nickel-Chromium-Molybdenum-Columbium Alloy, Specification for, **B443 (02.04)**
- Nickel-chromium-molybdenum-tungsten alloys**
Nickel-Chromium-Molybdenum-Tungsten Alloy, Specification for, **B756 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B758 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B755 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B759 (02.04)**
Nickel-Chromium-Molybdenum-Tungsten-Alloys, Specification for, **B757 (02.04)**
- Nickel-chromium-silicon alloys—specifications**
Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, Specification for, **B512 (02.04)**
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Nickel and Nickel-Base Alloy-Clad Steel Plate, Specification for, **A265 (01.04)**
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Nickel-Coated Braid and Ribbon Flat Copper Wire Intended for use in Electronic Application, Specification for, **B972 (02.03)**
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Nickel-Coated, Copper-Clad Steel Wire for Electronic Application, Specification for, **B559 (02.03)**
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- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
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- Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
- Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
- Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
- Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, Specification for, **B620 (02.04)**
- Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, Specification for, **B621 (02.04)**
- Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, Specification for, **B672 (02.04)**
- Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, Specification for, **B599 (02.04)**
- Nickel-Iron-Chromium-Molybdenum-Copper Alloy, Specification for, **B423 (02.04)**
- Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**
- Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**
- Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**
- Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
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- Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Rod and Bar, Specification for, **B425 (02.04)**
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- UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**
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- UNS N08028 and N08029 Seamless Pipe and Tube, Specification for, **B668 (02.04)**
- UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**
- UNS N08367 Welded Tube, Specification for, **B676 (02.04)**
- Welded UNS N08020 Alloy Pipe, Specification for, **B464 (02.04)**
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- Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**



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Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028) Plate, Sheet, and Strip, Specification for, **B709 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

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Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**

Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**

Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**

Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N08020 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**

UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**

UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

UNS N08367 Welded Tube, Specification for, **B676 (02.04)**

Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**

Welded UNS N08020 Alloy Pipe, Specification for, **B464 (02.04)**

Welded UNS N08020 Alloy Tubes, Specification for, **B468 (02.04)**

Welded UNS N08120, UNS N08800, UNS N08810, and, Specification for, **B515 (02.04)**

Nickel-iron-chromium-columbium (Nb)-titanium-aluminum alloy

Precipitation-Hardening Nickel Alloys Plate, Sheet, and Strip, Specification for, **B872 (02.04)**

Nickel-iron-chromium-molybdenum alloys—specifications

Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, Specification for, **B620 (02.04)**

Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, Specification for, **B621 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

Nickel-iron-chromium-molybdenum-columbium alloys—specifications

Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, Specification for, **B672 (02.04)**

Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, Specification for, **B599 (02.04)**

Nickel-iron-chromium-molybdenum-copper alloys—specifications

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Plate, Sheet, and Strip, Specification for, **B424 (02.04)**

Nickel-Iron-Chromium-Molybdenum-Copper Alloy, Specification for, **B423 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Rod and Bar, Specification for, **B425 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**

Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

Nickel-iron-chromium-molybdenum-copper-low carbon alloys—specifications

Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**

UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

Nickel-iron-chromium-silicon alloys—specifications

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

Nickel-manganese alloy

Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Nickel-molybdenum alloys—specifications

Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**



- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
- Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
- Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- Nickel-molybdenum-chromium alloys—specifications**
- Castings, Nickel and Nickel Alloy, Specification for, **A494/A494M (01.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
- Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- Nickel-molybdenum-chromium-iron alloys—specifications**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242) Rod, Specification for, **B573 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242) Plate, Sheet, and Strip, Specification for, **B434 (02.04)**
- Nickel-molybdenum-iron alloy—specifications**
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- Nickel silver alloy—specifications**
- Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
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- Materials for Copper Base Powder Metallurgy (PM) Structural Parts, Specification for, **B823 (02.05)**
- Nickel silver (casting)**
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- Nickel steel**
- Materials for Ferrous Powder Metallurgy (PM) Structural Parts, Specification for, **B783 (02.05)**
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- Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**
- Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**
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- Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**
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- Niobium-hafnium alloys**
- Niobium-Hafnium Alloy Bar and Wire, Specification for, **B655/B655M (02.04)**
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- Designing Biological Tests with Sediments, Guide for, **E1525 (11.06)**

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Sa Corrosion

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Sa Honeycomb shelter panels

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Sa Seals—electronic applications (specifications)

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“Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Fittings for Nonpressure Applications, Specification for, **D3840 (08.03)**

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- Infrared (IR) Procedure for Determination of Aromatic/Aliphatic Ratio of Bituminous Emulsions, Practice for, **D6805 (04.04)**
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- Sealing Rigid Wall Tactical Shelters with Polysulfide Based Sealants, Practice for, **E1773 (04.11)**
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- Sealing bands**
- External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections, Specification for, **C877 (04.05)**
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- Pressure-Sensitive Tape for Sealing Fiber Containers and Cans, Specification for, **D6590/D6590M (15.10)**
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Sa Security systems and equipment

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- Making Heatseals for Determination of Heatsealability of Flexible Webs as Measured by Seal Strength, Practices for, **F2029 (15.10)**
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Seamless aluminum alloy pipe/tube

- Standardizing Equipment for Electromagnetic Testing of Seamless Aluminum-Alloy Tube, Practice for, **E215 (03.03)**

Seamless aluminum alloy pipe/tube—specifications

Sa Aluminum alloys (tube)—specifications

- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), Specification for, **B234M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Seamless austenitic steel pipe—specifications

- Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A790/A790M (01.01)**
- Seamless Austenitic Steel Pipe for High-Temperature Service, Specification for, **A376/A376M (01.01)**
- Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes, Specification for, **A312/A312M (01.01)**
- Spray-Formed Seamless Austenitic Stainless Steel Pipes, Specification for, **A943/A943M (01.01)**
- Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A949/A949M (01.01)**
- Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples, Specification for, **A733 (01.01)**

Seamless copper-beryllium tube

- Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), Specification for, **B937 (02.01)**

Seamless Cu/Cu alloy pipe—specifications

Sa Copper alloy pipe

- Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, Specification for, **B706 (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**



Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

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Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**

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Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

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General Requirements for Wrought Seamless Copper and Copper-Alloy Tube, Specification for, **B251 (02.01)**

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Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Seamless Brass Tube, Specification for, **B135 (02.01)**

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Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, Specification for, **B706 (02.01)**

Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**

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Seamless Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B903 (02.01)**

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Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**

Seamless Copper Tube for Medical Gas Systems, Specification for, **B819 (02.01)**

Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems, Specification for, **B837 (02.01)**

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Seamless Copper Water Tube, Specification for, **B88 (02.01)**

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Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**

Nickel-Iron-Chromium-Molybdenum-Copper Alloy, Specification for, **B423 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

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Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

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General Requirements for Nickel and Nickel Alloys Seamless Pipe and Tube, Specification for, **B829 (02.04)**

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Seamless and Welded Titanium and Titanium Alloy Condenser and Heat Exchanger Tubes with Enhanced Surface for Improved Heat Transfer, Specification for, **B891 (02.04)**

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Operation and Maintenance of Sewers with Optical Fiber Systems, Practice for, **F2462 (04.12)**

Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner, Practice for, **F2561 (08.04)**

Sealing Lateral Connections and Lines from the Mainline Sewer Systems by the Lateral Packer Method, Using Chemical Grouting, Practice for, **F2454 (04.12)**

Sewerage treatment limes

Sa Lime materials/applications

Quicklime, Hydrated Lime, and Limestone for Selected Chemical and Industrial Uses, Specification for, **C911 (04.01)**

Sewer brick

Concrete Masonry Units for Construction of Catch Basins and Manholes, Specification for, **C139 (04.05)**

Sewer and Manhole Brick (Made From Clay or Shale), Specification for, **C32 (04.05)**

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Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage, Specification for, **F2562/F2562M (08.04)**



Type PSM Poly(Vinyl Chloride) (PVC) SDR 51 and SDR 64 Sewer Pipe and Fittings, Specification for, **F2658 (08.04)**

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- Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method, Test Method for, **C1214 (04.05)**
- Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method (Metric), Test Method for, **C1214M (04.05)**
- Hydrostatic Infiltration Testing of Vitrified Clay Pipe Lines, Test Method for, **C1091 (04.05)**
- Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner, Practice for, **F2561 (08.04)**
- Safety, Access Rights, Construction, Liability, and Risk Management for Optical Fiber Networks in Existing Sewers, Guide for, **F2233 (04.12)**
- Sealing of Sewers Using Chemical Grouting, Practice for, **F2304 (04.12)**
- Selection of Gravity Sewers Suitable for Installation of Optical Fiber Cable and Conduits, Practice for, **F2303 (04.12)**
- Vitrified Clay Liner Plates, Specification for, **C479 (04.05)**

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- Installing a Protective Cementitious Liner System in Sanitary Sewer Manholes, Practice for, **F2551 (04.12)**
- Sealing Sewer Manholes Using Chemical Grouting, Practice for, **F2414 (04.12)**

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- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill, Test Method for, **C1244 (04.05)**
- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill (Metric), Test Method for, **C1244M (04.05)**

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- 12 to 30 in. (300 to 750 mm) Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications, Specification for, **F2762 (08.04)**
- Flexible Poly (Vinyl Chloride) (PVC) Gaskets used in Connection of Vitreous China Plumbing Fixtures to Sanitary Drainage Systems, Specification for, **A1045 (01.02)**
- Flexible Transition Couplings for Underground Piping Systems, Specification for, **C1173 (01.02)**
- Joints for Concrete Gravity Flow Sewer Pipe, Using Rubber Gaskets, Specification for, **C1628 (04.05)**
- Laser Technologies for Measurement of Cross-Sectional Shape of Pipeline and Conduit by Non-Rotating Laser Projector and CCTV Camera System, Practice for, **F3080 (04.12)**
- Locating Leaks in Sewer Pipes By Measuring the Variation of Electric Current Flow Through the Pipe Wall, Practice for, **F2550 (04.12)**
- Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner, Practice for, **F2561 (08.04)**
- Sampling Wastes from Pipes and Other Point Discharges, Practices for, **D5013 (11.04)**
- Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage, Specification for, **F2562/F2562M (08.04)**
- Type PSM Poly(Vinyl Chloride) (PVC) SDR 51 and SDR 64 Sewer Pipe and Fittings, Specification for, **F2658 (08.04)**

Sewer pipe (aluminum alloy)

- Aluminum Alloy Sheet for Corrugated Aluminum Pipe, Specification for, **B744/B744M (02.02)**

Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches, Specification for, **B746/B746M (02.02)**

- Corrugated Aluminum Pipe for Sewers and Drains, Specification for, **B745/B745M (02.02)**
- Installing Corrugated Aluminum Structural Plate Pipe for Culverts and Sewers, Practice for, **B789/B789M (02.02)**
- Installing Factory-Made Corrugated Aluminum Culverts and Storm Sewer Pipe, Practice for, **B788/B788M (02.02)**
- Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits, Practice for, **B790/B790M (02.02)**

Sewer pipe (asbestos-cement)

- Asbestos-Cement Nonpressure Sewer Pipe, Specification for, **C428/C428M (04.05)**
- Asbestos-Cement Pressure Pipe, Specification for, **C296/C296M (04.05)**
- Asbestos-Cement Storm Drain Pipe, Specification for, **C663 (04.05)**
- Asbestos-Cement Underdrain Pipe, Specification for, **C508/C508M (04.05)**
- Installing Asbestos-Cement Nonpressure Pipe, Guide for, **C966 (04.05)**
- Linings for Asbestos-Cement Pipe, Specification for, **C541/C541M (04.05)**
- Non-Asbestos Fiber-Cement Nonpressure Sewer Pipe, Specification for, **C1449/C1449M (04.05)**

Sewer pipe (concrete)

- Concrete Sanitary Sewer Pipe by Negative (Vacuum) or Positive Air Pressure, Test Method for, **C1618 (04.05)**
- Concrete Sanitary Sewer Pipe by Negative (Vacuum) or Positive Air Pressure (Metric), Test Method for, **C1618M (04.05)**
- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill, Test Method for, **C1244 (04.05)**
- Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill (Metric), Test Method for, **C1244M (04.05)**
- Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, Practice for, **C969 (04.05)**
- Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), Practice for, **C969M (04.05)**
- Installation of Precast Concrete Sewer, Storm Drain, and Culvert Pipe Using Standard Installations, Practice for, **C1479 (04.05)**
- Installation of Precast Concrete Sewer, Storm Drain, and Culvert Pipe Using Standard Installations (Metric), Practice for, **C1479M (04.05)**
- Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines, Practice for, **C1103 (04.05)**
- Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), Practice for, **C1103M (04.05)**
- Least Cost (Life Cycle) Analysis of Concrete Culvert, Storm Sewer, and Sanitary Sewer Systems, Practice for, **C1131 (04.05)**

Sewer pipe (concrete)—specifications

- External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections, Specification for, **C877 (04.05)**
- External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections (Metric), Specification for, **C877M (04.05)**



Joints for Concrete Pipe and Manholes, Using Rubber Gaskets, Specification for, **C443 (04.05)**

Joints for Concrete Pipe and Manholes, Using Rubber Gaskets (Metric), Specification for, **C443M (04.05)**

Manufacture of Reinforced Concrete Sewer, Storm Drain, and Culvert Pipe for Direct Design, Specification for, **C1417 (04.05)**

Manufacture of Reinforced Concrete Sewer, Storm Drain, and Culvert Pipe for Direct Design (Metric), Specification for, **C1417M (04.05)**

Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe, Specification for, **C14 (04.05)**

Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe (Metric), Specification for, **C14M (04.05)**

Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe, Specification for, **C985 (04.05)**

Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe (Metric), Specification for, **C985M (04.05)**

Perforated Concrete Pipe, Specification for, **C444 (04.05)**

Perforated Concrete Pipe (Metric), Specification for, **C444M (04.05)**

Porous Concrete Pipe, Specification for, **C654 (04.05)**

Porous Concrete Pipe (Metric), Specification for, **C654M (04.05)**

Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers, Specification for, **C1433 (04.05)**

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Sa **Steel strip**

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Sa Thermal insulating materials—specifications

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- Perpendicularly Oriented Mineral Fiber Roll and Sheet Thermal Insulation for Pipes and Tanks, Specification for, **C1393 (04.06)**
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Sa Resilient flooring

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- Calibration of Routine Dosimetry Systems for Radiation Processing, Practice for, **ISO/ASTM51261 (12.02)**
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- Determining the Carbon Dioxide Loss of Beverage Containers, Test Method for, **F1115 (15.10)**
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- Identification of Shelf-life Test Attributes for Endovascular Devices, Guide for, **F2914 (13.02)**
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- Determining Volatile and Nonvolatile Content of Cellulosics, Emulsions, Resin Solutions, Shellac, and Varnishes, Practice for, **D4209 (06.01)**
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Shelter, Electrical Equipment, Lightweight, Specification for, **E2377 (04.12)**

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Sa Couplings—specifications

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Steel pipe (electric-resistance-welded (ERW))

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Steel plate (high-strength/low alloy (HSLA))

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Steel sheet/strip—carbon (cold-rolled)

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Steel sheet/strip—carbon steel

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- Non-Asbestos Fiber-Cement Storm Drain Pipe, Specification for, **C1450/C1450M (04.05)**
- Poly (Vinyl Chloride) (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems, Specification for, **D5926 (08.03)**
- Poly (Vinyl Chloride) (PVC) Profile Strip for Machine Spiral-Wound Liner Pipe Rehabilitation of Existing Sewers and Conduit, Specification for, **F1697 (08.04)**
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- Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits, Practice for, **B790/B790M (02.02)**
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- Vitrified Clay Pipe and Joints for Use in Microtunneling, Sliplining, Pipe Bursting, and Tunnels, Specification for, **C1208/C1208M (04.05)**
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- Structure-Mounted Insulating Work Platforms for Electrical Workers, Specification for, **F1564 (10.03)**

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- Selection of Cleaning Techniques for Masonry, Concrete, and Stucco Surfaces, Guide for, **E1857 (04.11)**

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- Aluminum-Alloy Investment Castings, Specification for, **B618/B618M (02.02)**



UNS A47122 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A63321 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A63322 (Aluminum foundry alloy, ingot)

Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, Specification for, **B179 (02.02)**

UNS A91050 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91060 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A91060 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A91060 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), Specification for, **B234M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

UNS A91100 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS A91100 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**

Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91200 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91230 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A91235 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**

Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A91350 (Wr. alum. alloy)

Aluminum 1350 Drawing Stock for Electrical Purposes, Specification for, **B233 (02.03)**

Aluminum Bars for Electrical Purposes (Bus Bars), Specification for, **B236 (02.02)**

Aluminum Bars for Electrical Purposes (Bus Bars) (Metric), Specification for, **B236M (02.02)**

UNS A91350 (Wr. alum. alloy)—wire (electrical)

Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes, Specification for, **B609/B609M (02.03)**

Aluminum 1350–H19 Wire for Electrical Purposes, Specification for, **B230/B230M (02.03)**



- Aluminum Rectangular and Square Wire for Electrical Purposes, Specification for, **B324 (02.03)**
- Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP), Specification for, **B401 (02.03)**
- Concentric-Lay-Stranded Aluminum 1350 Conductors, Specification for, **B231/B231M (02.03)**
- Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), Specification for, **B524/B524M (02.03)**
- Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Clad Steel Reinforced for Use in Overhead Electrical Conductors, Specification for, **B549 (02.03)**
- Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR), Specification for, **B232/B232M (02.03)**
- High-Strength Zinc-Coated (Galvanized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, Specification for, **B606/B606M (02.03)**
- UNS A91435 (Wr. alum. alloy, non-heat treatable)**
Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- UNS A92011 (Wr. alum. alloy, non-heat treatable)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- UNS A92014 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A92017 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- UNS A92018 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A92024 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A92025 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A92117 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- UNS A92124 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A92218 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A92219 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**



- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A92618 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A93003 (Wr. alum. alloy)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- Aluminum-Alloy Rolled Tread Plate, Specification for, **B632/B632M (02.02)**
- Conducting Cyclic Galvanostaircase Polarization, Test Method for, **G100 (03.02)**
- UNS A93003 (Wr. alum. alloy)—pipe/tube**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**
- UNS A93003 (Wr. alum. alloy)—tube**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), Specification for, **B234M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
- Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**
- UNS A93004 (Wr. alum. alloy)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A93004 (Wr. alum. alloy)—tube**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
- UNS A93005 (Wr. alum. alloy, non-heat treatable)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A93102 (Wr. alum. alloy)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- UNS A93102 (Wr. alum. alloy)—tube**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
- Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**
- UNS A93105 (Wr. alum. alloy, non-heat treatable)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A93303 (Wr. alum. alloy, non-heat treatable)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**



UNS A94032 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A95005 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95005 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

UNS A95050 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95050 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95052 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95052 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), Specification for, **B234M (02.02)**

Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**

Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95056 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**

UNS A95083 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**

Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95083 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A95083 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

UNS A95086 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**



UNS A95086 (Wr. alum. alloy)—pipe/tube

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A95086 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**

Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95154 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**

Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95154 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**

Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A95252 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95254 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95454 (Wr. alum. alloy)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95454 (Wr. alum. alloy)—tube

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), Specification for, **B234M (02.02)**

Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**

UNS A95456 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**

Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95457 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95652 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A95657 (Wr. alum. alloy, non-heat treatable)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A96003 (Wr. alum. alloy, cladding)

Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**

Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**

UNS A96005 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**

Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

UNS A96053 (Wr. alum. alloy, heat treatable)

Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**



UNS A96061 (Wr. alum. alloy)

- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- Aluminum-Alloy 6061-T6 Standard Structural Profiles, Specification for, **B308/B308M (02.02)**
- Aluminum-Alloy Extruded Structural Pipe and Tube, Specification for, **B429/B429M (02.02)**
- Aluminum-Alloy Rolled Tread Plate, Specification for, **B632/B632M (02.02)**
- Silver-Tungsten Electrical Contact Materials, Specification for, **B631 (02.04)**

UNS A96061 (Wr. alum. alloy)—pipe/tube

- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A96061 (Wr. alum. alloy)—tube

- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), Specification for, **B234M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**

UNS A96061 (Wr. alum. alloy)—wire (electrical)

- Aluminum-Alloy 6201-T81 and 6201-T83 Wire for Electrical Purposes, Specification for, **B398/B398M (02.03)**
- Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors, Specification for, **B399/B399M (02.03)**

UNS A96063 (Wr. alum. alloy)

- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

UNS A96063 (Wr. alum. alloy)—pipe/tube

- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**
- Aluminum-Alloy Extruded Structural Pipe and Tube, Specification for, **B429/B429M (02.02)**

UNS A96063 (Wr. alum. alloy)—tube

- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, Specification for, **B491/B491M (02.02)**
- Micrometer Bend Test for Ductility of Electrodeposits, Practice for, **B490 (02.05)**

UNS A96066 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

UNS A96070 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**

UNS A96105 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**

UNS A96151 (Wr. alum. alloy, heat treatable)

- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**

UNS A96201 (Wr. alum. alloy, heat treatable)

- Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), Specification for, **B524/B524M (02.03)**

UNS A96253 (Wr. alum. alloy, cladding)

- Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**



- Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- UNS A96262 (Wr. alum. alloy)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- UNS A96262 (Wr. alum. alloy)—tube**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, Specification for, **B483/B483M (02.02)**
- UNS A96351 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**
- UNS A96463 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- UNS A97005 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- UNS A97008 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A97011 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A97049 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A97050 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A97072 (Wr. alum. alloy)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A97072 (Wr. alum. alloy)—pipe/tube**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, Specification for, **B345/B345M (02.02)**
- UNS A97072 (Wr. alum. alloy)—tube**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for, **B234 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), Specification for, **B234M (02.02)**
- Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, Specification for, **B547/B547M (02.02)**
- Aluminum and Aluminum-Alloy Round Welded Tubes, Specification for, **B313/B313M (02.02)**
- Green Strength of Specimens Compacted from Metal Powders, Test Method for, **B312 (02.05)**
- UNS A97075 (Wr. alum. alloy, heat treatable)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
- Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes, Specification for, **B210 (02.02)**
- Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), Specification for, **B210M (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
- Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
- Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, Specification for, **B211 (02.02)**
- Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), Specification for, **B211M (02.02)**
- Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
- Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**



- Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A97076 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A97175 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, Specification for, **B247 (02.02)**
Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), Specification for, **B247M (02.02)**
- UNS A97178 (Wr. alum. alloy, heat treatable)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, Specification for, **B221 (02.02)**
Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), Specification for, **B221M (02.02)**
Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, Specification for, **B316/B316M (02.02)**
Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for, **B241/B241M (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate, Specification for, **B209 (02.02)**
Aluminum and Aluminum-Alloy Sheet and Plate (Metric), Specification for, **B209M (02.02)**
- UNS A98017 (Wr. alum alloy, non-heat treatable)**
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- UNS A98076 (Wr. alum alloy, non-heat treatable)**
8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**
- UNS A98130 (Wr. alum alloy, non-heat treatable)**
8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**
- UNS A98176 (Wr. alum alloy, non-heat treatable)**
8000 Series Aluminum Alloy Wire for Electrical Purposes—Annealed and Intermediate Tempers, Specification for, **B800 (02.03)**
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Determination of the Soil Water Characteristic Curve for Desorption Using Hanging Column, Pressure Extractor, Chilled Mirror Hygrometer, or Centrifuge, Test Methods for, **D6836 (04.09)**
Measurement of Hydraulic Conductivity of Unsaturated Soils, Test Methods for, **D7664 (04.09)**
- Unsaturated zone**
Selecting a Ground-Water Modeling Code, Guide for, **D6170 (04.09)**
- Unsaturation**
Determination of Iodine Value of Tall Oil Fatty Acids, Test Method for, **D5768 (06.03)**
Determination of the Iodine Value of Fats and Oils, Test Method for, **D5554 (15.04)**
Polyurethane Raw Materials: Determination of Unsaturation of Polyols, Test Methods for, **D4671 (08.02)**
Rubber—Determination of Residual Unsaturation in Hydrogenated Nitrile Rubber (HNBR) by Infrared Spectrophotometry, Test Method for, **D5670 (09.01)**
Rubber—Determination of Residual Unsaturation in Hydrogenated Nitrile Rubber (HNBR) by Iodine Value, Test Method for, **D5902 (09.01)**
Vinylidene Unsaturation in Polyethylene by Infrared Spectrophotometry, Test Method for, **D3124 (08.01)**
- UNS C10100 (oxygen-free copper)**
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Rod Drawing Stock for Electrical Purposes, Specification for, **B49 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**



- Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- Coppers, Classification of, **B224 (02.01)**
- Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- Oxygen-Free Copper in Wrought Forms for Electron Devices, Specification for, **F68 (02.01)**
- Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
- Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
- UNS C10100 (oxygen-free copper)—pipe/tube**
- Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- Seamless Copper Tube, Specification for, **B75/B75M (02.01)**
- Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C10100 (oxygen-free copper)—tube (for condensers/heat exchangers)**
- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
- UNS C10200 (oxygen-free copper) (OF)**
- Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
- Copper Rod Drawing Stock for Electrical Purposes, Specification for, **B49 (02.01)**
- Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- Coppers, Classification of, **B224 (02.01)**
- Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
- Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
- Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
- Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**
- Seamless Copper Water Tube, Specification for, **B88 (02.01)**
- Seamless Copper Water Tube (Metric), Specification for, **B88M (02.01)**
- Welded Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B919 (02.01)**
- UNS C10200—pipe/tube (seamless/welded)**
- Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
- Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
- Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
- Seamless Copper Tube, Specification for, **B75/B75M (02.01)**
- Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
- Seamless Copper Tube, Bright Annealed, Specification for, **B68/B68M (02.01)**
- Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
- Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C10300—tube (for condensers/heat exchangers)**
- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- UNS C10400 (oxygen-free copper with silver, OFS)**
- Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- Seamless Copper Tube, Specification for, **B75/B75M (02.01)**
- Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
- Seamless Copper Tube, Bright Annealed, Specification for, **B68/B68M (02.01)**
- Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C10200—tube (for condensers/heat exchangers)**
- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- UNS C10300 (oxygen-free extra low phosphorus copper) (OFXLP)**
- Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
- Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- Coppers, Classification of, **B224 (02.01)**
- Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
- Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
- Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
- UNS C10300—pipe/tube (seamless/welded)**
- Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
- Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
- Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
- Seamless Copper Tube, Specification for, **B75/B75M (02.01)**
- Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
- Seamless Copper Tube, Bright Annealed, Specification for, **B68/B68M (02.01)**
- Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**
- Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C10300—tube (for condensers/heat exchangers)**
- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- UNS C10400 (oxygen-free copper with silver, OFS)**
- Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**



- Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- UNS C10500 (oxygen-free copper with silver, OFS)**
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- UNS C10700 (oxygen-free copper with silver, OFS)**
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Oxygen-Free Electrolytic Copper—Refinery Shapes, Specification for, **B170 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
- UNS C10800 (oxygen-free low phosphorus copper (OFLP))**
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
- UNS C10800—pipe/tube (seamless/welded)**
Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
Seamless Copper Tube, Specification for, **B75/B75M (02.01)**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
Seamless Copper Tube, Bright Annealed, Specification for, **B68/B68M (02.01)**
- Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C10800—tube (for condensers/heat exchangers)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- UNS C10910 (copper (controlled oxygen))**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
- UNS C10920 (controlled oxygen)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- UNS C10930 (controlled oxygen)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- UNS C10940 (controlled oxygen)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- UNS C11000 (electrolytic tough pitch copper (ETP))**
Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Rod Drawing Stock for Electrical Purposes, Specification for, **B49 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**
Coppers, Classification of, **B224 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**
- UNS C11000—rod/bar/shapes**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
- UNS C11010**
Coppers, Classification of, **B224 (02.01)**
- UNS C11020 (fire-refined, high-conductivity tough-pitch (FRHC))**
Coppers, Classification of, **B224 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
- UNS C11040**
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Rod Drawing Stock for Electrical Purposes, Specification for, **B49 (02.01)**



- Electrolytic Copper Cathode, Specification for, **B115 (02.01)**
UNS C11100
Coppers, Classification of, **B224 (02.01)**
UNS C11300 (silver-bearing tough pitch, STP)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C11400 (silver-bearing tough pitch, STP)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C11500 (tough pitch copper with silver (STP))
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
UNS C11600 (silver-bearing tough pitch, STP)
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
UNS C11700
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
UNS C12000 (phosphorus deoxidized, low residual phosphorus copper (DLP))
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**
Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**
Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**
Seamless Copper Water Tube, Specification for, **B88 (02.01)**
Seamless Copper Water Tube (Metric), Specification for, **B88M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
UNS C12000—pipe/tube (seamless/welded)
Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**
Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**
Seamless Copper Bus Pipe and Tube, Specification for, **B188 (02.01)**
Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**
Seamless Copper Tube, Specification for, **B75/B75M (02.01)**
Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**
Seamless Copper Tube, Bright Annealed, Specification for, **B68/B68M (02.01)**
Welded Copper Tube, Specification for, **B447 (02.01)**
UNS C12000—tube (for condensers/heat exchangers)
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**
U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**
UNS C12100
Coppers, Classification of, **B224 (02.01)**
UNS C12200 (phosphorus deoxidized, high residual phosphorus copper (DHP))
Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**
Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**
Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, Specification for, **B187/B187M (02.01)**
Coppers, Classification of, **B224 (02.01)**
Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**
Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube, Specification for, **B813 (02.01)**
Seamless Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B903 (02.01)**
Seamless Copper Tube for Medical Gas Systems, Specification for, **B819 (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
Welded Copper Heat Exchanger Tubes With Internal Enhancement, Specification for, **B919 (02.01)**
Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**



UNS C12200—pipe/tube (seamless/welded)

Copper Drainage Tube (DWV), Specification for, **B306 (02.01)**

Hard-Drawn Copper Capillary Tube for Restrictor Applications, Specification for, **B360 (02.01)**

Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**

Seamless Copper Pipe, Standard Sizes, Specification for, **B42 (02.01)**

Seamless Copper Tube, Specification for, **B75/B75M (02.01)**

Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, Specification for, **B280 (02.01)**

Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems, Specification for, **B837 (02.01)**

Seamless Copper Tube in Coils, Specification for, **B743 (02.01)**

Seamless Copper Tube, Bright Annealed, Specification for, **B68/B68M (02.01)**

Seamless Copper Water Tube, Specification for, **B88 (02.01)**

Seamless Copper Water Tube (Metric), Specification for, **B88M (02.01)**

Threadless Copper Pipe, Standard Sizes, Specification for, **B302 (02.01)**

Welded Copper Tube, Specification for, **B447 (02.01)**

UNS C12200—refinery shapes

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**

UNS C12200—tube

Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems, Specification for, **B837 (02.01)**

UNS C12200—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**

UNS C12300 (silver-bearing, high residual phosphorus copper)

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Coppers, Classification of, **B224 (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

UNS C12500 (fire-refined tough pitch copper, FRTP)

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Coppers, Classification of, **B224 (02.01)**

Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**

UNS C12900

Coppers, Classification of, **B224 (02.01)**

UNS C14200 (phosphorus deoxidized copper, arsenical (DPA))

Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), Specification for, **B272 (02.01)**

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, Test Methods for, **B577 (02.01)**

Welded Copper Tube, Specification for, **B447 (02.01)**

UNS C14200—refinery shapes

Phosphorized Coppers—Refinery Shapes, Specification for, **B379 (02.01)**

UNS C14200—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C14420 (copper-tellurium-tin alloy)

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

UNS C14500 (phosphorus deoxidized copper, tellurium bearing)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

Coppers, Classification of, **B224 (02.01)**

Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C14510 (copper-tellurium alloy)

Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C14520 (copper-tellurium)

Coppers, Classification of, **B224 (02.01)**

Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

High Conductivity Tough-Pitch Copper Refinery Shapes, Specification for, **B5 (02.01)**

Tough-Pitch Fire-Refined Copper—Refinery Shapes, Specification for, **B216 (02.01)**

UNS C14530 (copper-tellurium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper Sheet, Strip, Plate, and Rolled Bar, Specification for, **B152/B152M (02.01)**

UNS C14700 (sulfur-bearing copper)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

Coppers, Classification of, **B224 (02.01)**

Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C15000

Coppers, Classification of, **B224 (02.01)**

UNS C15100 (copper-zirconium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Zirconium Alloy Sheet and Strip, Specification for, **B747 (02.01)**



UNS C15500 (silver-bearing copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

UNS C17000 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, Specification for, **B570 (02.01)**

Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B194 (02.01)**

Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**

UNS C17200 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, Specification for, **B570 (02.01)**

Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B194 (02.01)**

Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**

Copper-Beryllium Alloy Seamless Tube, Specification for, **B643 (02.01)**

Copper-Beryllium Alloy Wire, Specification for, **B197/B197M (02.01)**

UNS C17300 (beryllium copper)

Copper-Beryllium Alloy Rod and Bar, Specification for, **B196/B196M (02.01)**

Copper-Beryllium Alloy Wire, Specification for, **B197/B197M (02.01)**

UNS C17410 (copper-beryllium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17450 (copper-beryllium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17460 (copper-beryllium alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet, Specification for, **B768 (02.01)**

UNS C17465

Copper-Cobalt-Beryllium, Copper-Nickel-Beryllium, and Copper-Nickel-Lead-Beryllium Rod and Bar (UNS Nos. C17500, C17510, and C17465), Specification for, **B441 (02.01)**

UNS C17500 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510), Specification for, **B870 (02.01)**

Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), Specification for, **B937 (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**

Copper-Cobalt-Beryllium, Copper-Nickel-Beryllium, and Copper-Nickel-Lead-Beryllium Rod and Bar (UNS Nos. C17500, C17510, and C17465), Specification for, **B441 (02.01)**

UNS C17510 (beryllium copper)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510), Specification for, **B870 (02.01)**

Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510), Specification for, **B937 (02.01)**

Copper-Beryllium Welded Heat Exchanger and Condenser Tube (UNS No. C17510), Specification for, **B944 (02.01)**

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**

Copper-Cobalt-Beryllium, Copper-Nickel-Beryllium, and Copper-Nickel-Lead-Beryllium Rod and Bar (UNS Nos. C17500, C17510, and C17465), Specification for, **B441 (02.01)**

UNS C18080

Copper-Chromium-Iron-Titanium Alloy Plate, Sheet, Strip and Rolled Bar, Specification for, **B936 (02.01)**

UNS C18700 (lead copper)

Free-Cutting Copper Rod, Bar, Wire, and Shapes, Specification for, **B301/B301M (02.01)**

UNS C19002

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C19010

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C19015

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**



UNS C19020

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C19025 (high copper alloy, NB109)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C19200—tube (seamless) for condensers/heat exchangers

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C19200 (high copper alloy)

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**

UNS C19210

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C19400—tube (welded)

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

UNS C19400 (high copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**

UNS C19500 (high copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C19700 (copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C19720

Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B465 (02.01)**

UNS C21000 (brass, gilding 95%)

Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**

Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

Brass Wire, Specification for, **B134/B134M (02.01)**

Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C22000 (commercial bronze, 80%)

Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**

Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

Brass Wire, Specification for, **B134/B134M (02.01)**

Commercial Bronze Strip for Bullet Jackets, Specification for, **B130 (02.01)**

Copper Alloy Bullet Jacket Cups, Specification for, **B131 (02.01)**

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C22000—tube (seamless/welded)

Seamless Brass Tube, Specification for, **B135 (02.01)**

Seamless Brass Tube Metric, Specification for, **B135M (02.01)**

Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for, **B372 (02.01)**

Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C22600 (jewelry bronze)

Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**

Brass Wire, Specification for, **B134/B134M (02.01)**

UNS C23000 (red brass, 85%)

Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**

Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

Brass Strip in Narrow Widths and Light Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**

Brass Wire, Specification for, **B134/B134M (02.01)**

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**

UNS C23000—electromagnetic shielding copper

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**



UNS C23000—pipe/tube (seamless/welded)

- Seamless Brass Tube, Specification for, **B135 (02.01)**
- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**
- Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
- Seamless Red Brass Pipe, Standard Sizes, Specification for, **B43 (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- Welded Brass Tube, Specification for, **B587 (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

UNS C23000—tube (for condensers/heat exchangers)

- Brass Strip in Narrow Widths and Light Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

UNS C23400

- Brass Wire, Specification for, **B134/B134M (02.01)**

UNS C24000 (low brass, 80 %)

- Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
- Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
- Brass Wire, Specification for, **B134/B134M (02.01)**

UNS C26000 (cartridge brass, 70%)

- Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**
- Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**
- Brass Strip in Narrow Widths and Light Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**
- Brass Wire, Specification for, **B134/B134M (02.01)**
- Cartridge Brass Cartridge Case Cups, Specification for, **B129 (02.01)**
- Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, Specification for, **B19 (02.01)**
- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

UNS C26000—corrosion by engine coolants

- Corrosion Test for Engine Coolants in Glassware, Test Method for, **D1384 (15.05)**
- Simulated Service Corrosion Testing of Engine Coolants, Test Method for, **D2570 (15.05)**
- Testing Engine Coolants in Car and Light Truck Service, Practice for, **D2847 (15.05)**

UNS C26000—tube

- Seamless Brass Tube, Specification for, **B135 (02.01)**
- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**
- Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C26130 (arsenic inhibited cartridge brass)

- Brass Strip in Narrow Widths and Light Gage for Heat-Exchanger Tubing, Specification for, **B569 (02.01)**

UNS C26800 (yellow brass, 66 %)

- Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**

- Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

- Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C27000 (yellow brass, 65%)

- Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

- Brass Wire, Specification for, **B134/B134M (02.01)**

- Seamless Brass Tube, Specification for, **B135 (02.01)**

- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**

- Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C27200 (brass)

- Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**

- Seamless Brass Tube, Specification for, **B135 (02.01)**

- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**

- Welded Brass Tube, Specification for, **B587 (02.01)**

UNS C27400 (yellow brass, 63 %)

- Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

- Brass Wire, Specification for, **B134/B134M (02.01)**

- Seamless Brass Tube, Specification for, **B135 (02.01)**

- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**

UNS C27450

- Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

UNS C27451

- Brass Rod, Bar, and Shapes, Specification for, **B927/B927M (02.01)**

UNS C28000 (Muntz metal, 60 %)

- Brass Plate, Sheet, Strip, And Rolled Bar, Specification for, **B36/B36M (02.01)**

- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

- Seamless Brass Tube, Specification for, **B135 (02.01)**

- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**

UNS C31400 (hardware bronze; leaded commercial bronze)

- Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

UNS C31600 (hardware bronze; leaded commercial bronze)

- Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

UNS C32000 (hardware bronze; leaded red brass)

- Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, Specification for, **B140/B140M (02.01)**

UNS C33000 (low leaded brass)

- Seamless Brass Tube, Specification for, **B135 (02.01)**

- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**

UNS C33200 (high leaded brass)

- Seamless Brass Tube, Specification for, **B135 (02.01)**

- Seamless Brass Tube Metric, Specification for, **B135M (02.01)**

UNS C33500 (low leaded brass)

- Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**

- Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**

UNS C34000 (medium leaded brass, 64.5%)

- Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**



- Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**
- UNS C34200 (high leaded brass, 64.5%)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**
- UNS C34500 (leaded brass)**
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
- UNS C35000 (leaded brass)**
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**
- UNS C35300 (high leaded brass, 62%)**
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**
- UNS C35330**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
- UNS C35340 (leaded brass)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**
- UNS C35350**
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
- UNS C35600 (extra high leaded brass)**
Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, Specification for, **B453/B453M (02.01)**
Leaded Brass Plate, Sheet, Strip, and Rolled Bar, Specification for, **B121/B121M (02.01)**
- UNS C36000 (free-cutting brass)**
Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines, Specification for, **B16/B16M (02.01)**
- UNS C36010**
Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines, Specification for, **B16/B16M (02.01)**
- UNS C36300**
Low Leaded Brass Rod, Bar and Shapes, Specification for, **B981/B981M (02.01)**
- UNS C36500 (leaded Muntz metal, uninhibited)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Low Leaded Brass Rod, Bar and Shapes, Specification for, **B981/B981M (02.01)**
- UNS C37000 (free-cutting Muntz metal)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
Low Leaded Brass Rod, Bar and Shapes, Specification for, **B981/B981M (02.01)**
- Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube Metric, Specification for, **B135M (02.01)**
- UNS C37100**
Low Leaded Brass Rod, Bar and Shapes, Specification for, **B981/B981M (02.01)**
- UNS C37700 (forging brass)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
Low Leaded Brass Rod, Bar and Shapes, Specification for, **B981/B981M (02.01)**
- UNS C38000 (leaded brass)**
Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**
- UNS C38500 (architectural bronze)**
Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, Specification for, **B455 (02.01)**
- UNS C40500 (tin brass)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C40810 (tin brass)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C40850 (tin brass)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C40860 (tin brass)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C41100 (tin brass)**
Copper Alloy Strip for Flexible Metal Hose, Specification for, **B508 (02.01)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C41300 (tin brass)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C41500 (tin brass)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C42200 (tin brass)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**



- Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C42500 (tin brass)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C42520 (tin brass)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C42600**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- UNS C43000 (tin brass)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C43400 (tin brass)**
Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, Specification for, **B591 (02.01)**
- UNS C44300 (admiralty, arsenical)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
Seamless Brass Tube, Specification for, **B135 (02.01)**
Seamless Brass Tube Metric, Specification for, **B135M (02.01)**
Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
- UNS C44300 (admiralty, arsenical)—tube**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- UNS C44400 (admiralty, antimonial (Cu-Zn-Sn))**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- UNS C44500 (admiralty, phosphorized (Cu-Zn-Sn))**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
- UNS C44500 (admiralty, phosphorized (Cu-Zn-Sn))—tube**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- UNS C46200 (naval brass, 63.5%)**
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**
- UNS C46400 (naval brass, uninhibited)**
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**
- UNS C46500 (naval brass, arsenical)**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- UNS C46750**
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**
- UNS C47940 (Brass alloy)**
Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**
- UNS C48200 (naval brass, medium leaded)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**
- UNS C48500 (naval brass, high leaded)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Naval Brass Rod, Bar, and Shapes, Specification for, **B21/B21M (02.01)**
- UNS C48600**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

**UNS C49250**

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**
- Free-Cutting Bismuth Brass Rod, Bar and Wire, Specification for, **B974/B974M (02.01)**

UNS C49255

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

UNS C49260

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**
- Free-Cutting Bismuth Brass Rod, Bar and Wire, Specification for, **B974/B974M (02.01)**

UNS C49300

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

UNS C49340

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**
- Free-Cutting Bismuth Brass Rod, Bar and Wire, Specification for, **B974/B974M (02.01)**

UNS C49350

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

UNS C49355

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

UNS C49360

- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire, Specification for, **B967/B967M (02.01)**

UNS C50500 (phosphor bronze, 1.25% E)

- Copper Alloy Strip for Flexible Metal Hose, Specification for, **B508 (02.01)**

UNS C50580

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

UNS C50700 (phosphor bronze)

- Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**

UNS C50780

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

UNS C51000 (phosphor bronze, 5% A)

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**
- Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
- Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**
- Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C51080

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

UNS C51100 (phosphor bronze)

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C51180

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

UNS C51900 (phosphor bronze)

- Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**

UNS C51980

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

UNS C52100 (phosphor bronze, 8% C)

- Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
- Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**



- Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**
- UNS C52180**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
- UNS C52400 (phosphor bronze, 10% D)**
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
- Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**
- Phosphor Bronze Wire, Specification for, **B159/B159M (02.01)**
- UNS C52480**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- UNS C53400 (phosphor bronze B-1)**
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
- Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**
- UNS C54400 (phosphor bronze B-2)**
Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, Specification for, **B103/B103M (02.01)**
- Phosphor Bronze Rod, Bar, and Shapes, Specification for, **B139/B139M (02.01)**
- UNS C60800 (aluminum bronze)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- UNS C61300 (aluminum bronze)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Aluminum Bronze Sheet, Strip, and Rolled Bar, Specification for, **B169/B169M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**
- UNS C61300 (aluminum bronze)—pipe/tube**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**
- UNS C61400 (aluminum bronze D)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Aluminum Bronze Sheet, Strip, and Rolled Bar, Specification for, **B169/B169M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**
- UNS C61400 (aluminum bronze D)—pipe/tube**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**
- UNS C61900 (aluminum bronze)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- UNS C62300 (aluminum bronze)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- UNS C62400, C62410 (aluminum bronze)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- UNS C63000 (aluminum bronze)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- UNS C63020 (copper alloy)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**
- UNS C63200 (aluminum bronze)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- UNS C63800 (aluminum bronze)**
Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**
- Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**
- UNS C64200 (aluminum bronze)**
Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**



UNS C64210 (aluminum-silicon bronze)

Aluminum Bronze Rod, Bar, and Shapes, Specification for, **B150/B150M (02.01)**

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

UNS C64700 (silicon bronze)

Copper-Nickel-Silicon Alloy Rod and Bar, Specification for, **B411/B411M (02.01)**

UNS C64725

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C64785

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C65100 (low silicon bronze B)

Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**

Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**

Copper-Silicon Alloy Wire for General Applications, Specification for, **B99/B99M (02.01)**

Hard-Drawn Copper Alloy Wires for Electric Conductors, Specification for, **B105 (02.03)**

Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

UNS C65400 (silicon bronze)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**

UNS C65500 (high silicon bronze A)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, Specification for, **B96/B96M (02.01)**

Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**

Copper-Silicon Alloy Wire for General Applications, Specification for, **B99/B99M (02.01)**

Seamless Copper Alloy Pipe and Tube, Specification for, **B315 (02.01)**

Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, Specification for, **B100 (02.01)**

UNS C66100 (silicon bronze)

Copper-Silicon Alloy Rod, Bar and Shapes, Specification for, **B98/B98M (02.01)**

UNS C66300 (misc. copper-zinc alloy)

Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B592 (02.01)**

UNS C66400 copper alloy

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C66410 (misc. copper-zinc alloy)

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C66430

Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**

UNS C67000 (manganese bronze B)

Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

UNS C67500 (manganese bronze A)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

UNS C67600 (leaded manganese bronze)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

Manganese Bronze Rod, Bar, and Shapes, Specification for, **B138/B138M (02.01)**

UNS C68700 (aluminum brass, arsenical)

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

UNS C68800 (copper alloy)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B592 (02.01)**



UNS C69100 (copper alloy)

Seamless Copper Alloy (UNS No. C69100) Pipe and Tube, Specification for, **B706 (02.01)**

UNS C69150

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

UNS C69300

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C69400 (silicon red brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C69430 (silicon red brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C69700 (lead silic brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C69710 (lead silic brass)

Copper-Zinc-Silicon Alloy Rod, Specification for, **B371/B371M (02.01)**

UNS C70250 (copper-nickel)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C70260 (copper-nickel)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C70265

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C70310

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, Specification for, **B422/B422M (02.01)**

UNS C70400 (copper-nickel, 5 %)

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

UNS C70600 (Cu-Ni, 10%)

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**

UNS C70600 (Cu-Ni)—pipe/tube (seamless/welded)

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C70600 (Cu-Ni)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C70600 (Cu-Ni)—tube (for condensers/heat exchangers)

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

UNS C70620 (90/10 Cu-Ni welding rod composition)

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

UNS C70620—90/10 Cu-Ni welding grade

Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, Specification for, **B111/B111M (02.01)**

Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**

Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

UNS C70620 (90/10 Cu-Ni welding rod)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**



- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
- Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
- UNS C70690 (copper nickel)**
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
- UNS C71000**
Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding, Specification for, **B694 (02.01)**
- Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
- Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**
- Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
- UNS C71000—pipe and tube**
Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**
- UNS C71000—tube (for condensers/heat exchangers)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- UNS C71500**
Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
- Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
- UNS C71500—pipe/tube (seamless/welded)**
Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**
- Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**
- UNS C71500—rod/bar**
Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- UNS C71500—tube (for condensers/heat exchangers)**
Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- UNS C71520—70/30 Cu-Ni welding grade**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**
- UNS C71520 (70/30 copper-nickel (welding rod composition))**
Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**
- Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**
- UNS C71520 (70/30 Cu-Ni welding rod)**
Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**
- Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**
- Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**
- Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**
- U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**
- Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**
- UNS C71580 (copper nickel)**
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
- UNS C71590 (copper nickel)**
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
- UNS C71640 (copper-nickel)**
Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**
- Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**



UNS C71700

Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B534 (02.01)**

UNS C72200 (copper nickel)

Copper and Copper-Alloy Seamless Condenser Tubes and Ferule Stock, Specification for, **B111/B111M (02.01)**

Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, Specification for, **B171/B171M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Seamless Copper-Nickel Pipe and Tube, Specification for, **B466/B466M (02.01)**

Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins, Specification for, **B956/B956M (02.01)**

UNS C72200 (copper nickel)—tube

Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B359/B359M (02.01)**

Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**

U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, Specification for, **B395/B395M (02.01)**

Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**

UNS C72500 (copper nickel)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C72650 (copper-nickel tin alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C72700 (copper-nickel tin spinoidal alloy)

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C72900 (copper-nickel tin spinodal alloy)

Copper-Nickel-Tin Spinodal Alloy Rod and Bar, Specification for, **B929 (02.01)**

Copper-Nickel-Tin Spinodal Alloy Strip, Specification for, **B740 (02.01)**

UNS C73500 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C74000 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C74500 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

UNS C74500 (nickel silver)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C75200 (nickel silver)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

UNS C75200 (nickel silver)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C75700 (nickel silver, 65-12)

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C76200 (nickel silver)

Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts, Specification for, **B888/B888M (02.01)**

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

UNS C76400 (nickel silver)

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

UNS C76400 (nickel silver)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C77000 (nickel silver)

Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, Specification for, **B122/B122M (02.01)**

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

UNS C77000 (nickel silver)—rod/bar

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C77400 (nickel silver)

Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**

Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**

UNS C79200 (leaded nickel silver)

Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, Specification for, **B206/B206M (02.01)**

Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, Specification for, **B151/B151M (02.01)**

UNS C81400 (cast chromium copper)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

UNS C82000 (cast beryllium copper)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

UNS C82200 (cast beryllium copper)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**



- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C86400 (cast leaded manganese bronze)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C86500 (cast manganese bronze)**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C86700 (cast leaded manganese bronze)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C87300 (copper silicon alloy)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C87400 (cast silicon brass)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C87500 (cast silicon brass)**
- Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C87600 (cast silicon brass)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
- UNS C87610 (cast leaded tin bronze)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C87610 (cast silicon brass)**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C87700**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- UNS C87710**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper and Copper Alloy Forging Rod, Bar, and Shapes, Specification for, **B124/B124M (02.01)**
- Copper and Copper-Alloy Die Forgings (Hot-Pressed), Specification for, **B283/B283M (02.01)**
- UNS C87800 (cast silicon bronze)**
- Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- Copper-Alloy Die Castings, Specification for, **B176 (02.01)**
- UNS C87845**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C87850**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C89320 (cast Cu-Sn-Bi bronze alloy (magnolia B-1 lead-free bronze))**
- Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
- UNS C89510**
- Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**



- Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89520 (cast Cu-Sn-Zn-Bi-Se alloy, SeBiLOY II)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89530
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89535
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89537
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
UNS C89540
Copper Alloy Permanent Mold Castings for General Applications, Specification for, **B806 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89570
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
UNS C89720
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89833
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89836
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C89844 (cast Cu-Zn-Sn-Bi alloy)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C90300 (cast tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
UNS C90500 (cast tin bronze)
Bronze Castings for Bridges and Turntables, Specification for, **B22/B22M (02.01)**
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
UNS C90700 (cast tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
UNS C90800 (cast tin bronze)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
UNS C91000 (cast tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C91100 (cast tin bronze)
Bronze Castings for Bridges and Turntables, Specification for, **B22/B22M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C91300 (cast tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C91600 (cast tin bronze)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
UNS C91700 (cast tin bronze)
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Gear Bronze Alloy Castings, Specification for, **B427 (02.01)**
UNS C92200 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
Steam or Valve Bronze Castings, Specification for, **B61 (02.01)**
UNS C92210 (cast leaded tin bronze)
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
UNS C92300 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**
UNS C92500 (cast leaded tin bronze)
Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**



UNS C96200 (cast copper-nickel)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Nickel Alloy Castings, Specification for, **B369 (02.01)**

UNS C96400 (cast copper nickel)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Nickel Alloy Castings, Specification for, **B369 (02.01)**

UNS C96700 (cast copper nickel)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Beryllium Alloy Sand Castings for General Applications, Specification for, **B770 (02.01)**

UNS C96800 (cast copper nickel)

Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C96900

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**

UNS C96970

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**

UNS C97300 (cast nickel-silver)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**

UNS C97600 (cast nickel silver)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**

UNS C97800 (cast nickel-silver)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for General Applications, Specification for, **B584 (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Base Alloy Centrifugal Castings, Specification for, **B271/B271M (02.01)**

UNS C99400 (cast copper alloy)

Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**
Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C99500 (cast copper alloy)

Copper Alloy Continuous Castings, Specification for, **B505/B505M (02.01)**
Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**

UNS C99700 (cast copper alloy)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

UNS C99750 (cast copper alloy)

Copper Alloys in Ingot Form, Specification for, **B30 (02.01)**
Copper-Alloy Die Castings, Specification for, **B176 (02.01)**

Unsealed torsion shear cure meters

Rubber Property—Vulcanization Using Rotorless Cure Meters, Test Method for, **D5289 (09.01)**

Unseasoned/untreated lumber

See **Wood products**

Unseating load

Metal Doors Used in Blast Resistant Applications (Equivalent Static Load Method), Test Method for, **F2247 (15.08)**

UNS G10080 (carbon steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS G10100 (carbon steel)

Conducting Wire-on-Bolt Test for Atmospheric Galvanic Corrosion, Practice for, **G116 (03.02)**

UNS G10220 (carbon steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS G51986 (Cr alloy steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

UNS G52986 (Cr alloy steel)

Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**

Unsharpness

Appearances of Radiographic Images as Certain Parameters are Changed, Reference Radiographs for, **E242 (03.03)**

Unshielded eddy current probes

Determining the Impedance of Absolute Eddy-Current Probes, Practice for, **E1629 (03.03)**

Unsintered PTFE (polytetrafluoroethylene)

Standard Test Methods for Unsintered Polytetrafluoroethylene (PTFE) Extruded Film or Tape, Guide to, **D6040 (08.03)**
Unsintered Pigmented Polytetrafluoroethylene (PTFE) Extruded Film or Tape, Specification for, **D7193 (08.03)**
Unsintered Polytetrafluoroethylene (PTFE) Extruded Film or Tape, Specification for, **D6585 (08.03)**

UNS J93371 (duplex alloy steel casting, 3A)

Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, Specification for, **A890/A890M (01.02)**

UNS J93372 (cast duplex Cr-Ni-Cu-Mo-N stainless steel)

Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, Specification for, **A890/A890M (01.02)**

UNS K91800 (iron, chromium sealing alloy)

Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, Specification for, **F256 (10.04)**



- UNS K92650 (Fe-Co soft magnetic alloy)**
Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), Specification for, **A801 (03.04)**
- UNS K92801 (iron, chromium sealing alloy)**
Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, Specification for, **F256 (10.04)**
- UNS K93050 (Fe-Ni low expansion alloy, Invar FC)**
Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**
- UNS K93500 (Fe-Ni-Co low expansion alloy, Super Invar)**
Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**
- UNS K93603 (Fe-Ni low expansion alloy, Invar)**
Iron-Nickel and Iron-Nickel-Cobalt Alloys for Low Thermal Expansion Applications, Specification for, **F1684 (10.04)**
- UNS K94490 (Fe-Ni ferromagnetic alloy)**
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**
- UNS K94610 (Fe-Ni-Co sealing alloy, KOVAR)**
Iron-Nickel-Cobalt Sealing Alloy, Specification for, **F15 (10.04)**
- UNS K94620 (Fe-Ni-Co, metal-to-ceramic sealing alloy)**
Iron-Nickel-Cobalt Alloys for Metal-to-Ceramic Sealing Applications, Specification for, **F1466 (10.04)**
- UNS K94630 (Fe-Ni-Co, metal-to-ceramic sealing alloy)**
Iron-Nickel-Cobalt Alloys for Metal-to-Ceramic Sealing Applications, Specification for, **F1466 (10.04)**
- UNS K94760 (iron, nickel-chromium sealing alloy)**
Nickel-Chromium-Iron Sealing Alloys, Specification for, **F31 (10.04)**
- UNS K94840 (Fe-Ni ferromagnetic alloy)**
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**
- UNS L01951 (cadmium metal, 99.95 Cd)**
Cadmium, Specification for, **B440 (02.04)**
- UNS L01971 (cadmium metal, 99.99 Cd)**
Cadmium, Specification for, **B440 (02.04)**
- UNS L01981 (cadmium metal, 99.995 Cd)**
Cadmium, Specification for, **B440 (02.04)**
- UNS L13840 (white metal bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS L13870 (white metal bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS L13890 (white metal bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS L13910 (white metal bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS L13911 (modern pewter casting alloys)**
Modern Pewter Alloys, Specification for, **B560 (02.04)**
- UNS L13912 (modern pewter sheet alloy)**
Modern Pewter Alloys, Specification for, **B560 (02.04)**
- UNS L13963 (modern pewter)**
Modern Pewter Alloys, Specification for, **B560 (02.04)**
- UNS L53346 (lead-base bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS L53565 (lead-base white metal bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS L53585 (lead-base white metal bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS L53620 (lead-base bearing alloy)**
White Metal Bearing Alloys, Specification for, **B23 (02.04)**
- UNS M10100 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M10410 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
- UNS M10600 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
- UNS M11311 (magnesium alloy)**
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**
- UNS M11312 (magnesium alloy)**
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**



- UNS M11610 (magnesium alloy)**
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
- UNS M11630 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M11800 (magnesium alloy, casting)**
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M11910 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
- UNS M11912 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Die Castings, Specification for, **B94 (02.02)**
- UNS M11914 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M11920 (magnesium alloy, casting)**
Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for, **B93/B93M (02.02)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M12330 (magnesium alloy, casting)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M13210 (magnesium alloy)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**
- UNS M13310 (magnesium alloy, casting)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**
- UNS M13320 (magnesium alloy, casting)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M14141 (magnesium alloy)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**
- UNS M15100 (magnesium alloy)**
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
- UNS M16100 (magnesium alloy)**
Magnesium-Alloy Sheet and Plate, Specification for, **B90/B90M (02.02)**
- UNS M16400 (magnesium alloy)**
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
- UNS M16410 (magnesium alloy, casting)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M16510 (magnesium alloy, casting)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M16600 (magnesium alloy)**
Flexivity of Thermostat Metals, Test Methods for, **B106 (02.04)**
Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, Specification for, **B107/B107M (02.02)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
- UNS M16610 (magnesium alloy, casting)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M16620 (magnesium alloy, casting)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M16630 (magnesium alloy, casting)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M18010 (magnesium alloy, casting)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M18220 (magnesium alloy, casting)**
Magnesium-Alloy Investment Castings, Specification for, **B403 (02.02)**
Magnesium-Alloy Permanent Mold Castings, Specification for, **B199 (02.02)**
Magnesium-Alloy Sand Castings, Specification for, **B80 (02.02)**
- UNS M19980 (magnesium remelt alloy)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**
- UNS M19990 (magnesium remelt alloy)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**
- UNS M19991 (magnesium remelt alloy)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**



- UNS M19995 (magnesium remelt alloy)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**
- UNS M19998 (magnesium remelt alloy)**
Magnesium-Alloy Forgings, Specification for, **B91 (02.02)**
Unalloyed Magnesium Ingot and Stick For Remelting, Specification for, **B92/B92M (02.02)**
- UNS N02200 (commercially pure Ni alloy, Nickel 200)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel Plate, Sheet, and Strip, Specification for, **B162 (02.04)**
Nickel Rod and Bar, Specification for, **B160 (02.04)**
Nickel Seamless Pipe and Tube, Specification for, **B161 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**
- UNS N02201 (commercially pure Ni alloy, Nickel 201)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Plate, Sheet, and Strip, Specification for, **B162 (02.04)**
Nickel Rod and Bar, Specification for, **B160 (02.04)**
Nickel Seamless Pipe and Tube, Specification for, **B161 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**
- UNS N02211 (nickel alloy, solution strengthened, Nickel 211)**
Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**
- UNS N03300 (Ni alloy, Permalnickel 300)**
Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**
- UNS N04400 (Ni-Cu alloy, Monel 400)**
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip, Specification for, **B127 (02.04)**
Nickel-Copper Alloy (UNS N04400) Seamless Pipe and Tube, Specification for, **B165 (02.04)**
Nickel-Copper Alloy Rod, Bar, and Wire, Specification for, **B164 (02.04)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, Specification for, **B730 (02.04)**
- UNS N04404 (nickel-copper alloys)**
Electronic Grade Alloys of Copper and Nickel in Wrought Forms, Specification for, **F96 (10.04)**
Iron-Nickel Sealing Alloys, Specification for, **F30 (10.04)**
- UNS N04405 (Ni-Cu alloy solution strengthened (Monel R405))**
Nickel-Copper Alloy Rod, Bar, and Wire, Specification for, **B164 (02.04)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- UNS N05500 (Ni-Cu alloy, Monel K500)**
Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
Precipitation Hardening Nickel-Copper-Aluminum Alloy, Specification for, **B865 (02.04)**
- UNS N06002 (Ni-Cr alloy, Hastelloy X)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06007 (Ni-Cr alloy, Hastelloy G)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**



UNS N06022 (Ni-Cr-Mo alloy, Hastelloy C-22)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Determining the Crevice Repassivation Potential of Corrosion-Resistant Alloys Using a Potentiodynamic-Galvanostatic-Potentiostatic Technique, Test Method for, **G192 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06025 (Ni-Cr-Fe-Al alloy, Nicrofer 6025 HT)

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**

Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

UNS N06030 (wrought Ni-Cr-Fe-Mo-Cu alloy, Hastelloy G-30)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06045 (Ni-Cr-Fe-Si alloy, Nicrofer 45)

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**

Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**



UNS N06058 (low-carbon Ni-Cr-Mo alloy)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

UNS N06059 (low carbon Ni-Cr-Mo alloy, Alloy 59)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06060 (Ni-Cr-Mo-Fe alloy)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06110 (austenitic corrosion resistant Ni alloy, Allcorr)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloy, Specification for, **B756 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B755 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B758 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B759 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten-Alloys, Specification for, **B757 (02.04)**

UNS N06200 (Ni-Cr-Mo-Cu alloy, Hastelloy C-2000)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06210 (Ni-Cr-Mo-Ta alloy, Hastelloy C-2000)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06219 (Ni-Cr-Mo-Si alloy, Nicrofer 6219Si)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloy, Specification for, **B443 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloys, Specification for, **B444 (02.04)**

Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

UNS N06230 (Ni-Cr-W-Mo alloy, Alloy No. 230)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06250 (Ni-Cr-Fe-Mo alloy, SM2050)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N06255 (Ni-Cr-Fe-Mo-W alloy, SM2550)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**



UNS N06333 (Ni-Cr alloy, RA 333)

- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-, Specification for, **B719 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, Specification for, **B718 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, Specification for, **B722 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**

UNS N06455 (Ni-Cr alloy, Hastelloy C-4)

- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06600 (Ni-Cr alloy, Inconel 600)

- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**

UNS N06601 (Ni-Cr alloy, Inconel 601)

- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N06603 (Ni-Cr-Fe-Al-C alloy, 603GT)

- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**
- Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**
- Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**



UNS N06617 (Ni-Cr alloy, Inconel 617)

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

UNS N06625

Additive Manufacturing Nickel Alloy (UNS N06625) with Powder Bed Fusion, Specification for, **F3056 (10.04)**

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloy, Specification for, **B443 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650) Rod and Bar, Specification for, **B446 (02.04)**

Nickel-Chromium-Molybdenum-Columbium Alloys, Specification for, **B444 (02.04)**

Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**

Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

UNS N06686 (Ni-Cr-Mo-W alloy, Inconel 686)

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**

Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

UNS N06690 (Ni-Cr alloy, Inconel 690)

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N06693 (Ni-Cr-Fe-Al-CB alloy, Inconel 693)

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, Specification for, **B168 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, Specification for, **B166 (02.04)**

Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, Specification for, **B167 (02.04)**

UNS N06920 (Ni-Cr-Fe-Mo-W alloy, Hastelloy H-9M)

Nickel-Chromium-Iron-Molybdenum-Tungsten Alloy, Specification for, **B814 (02.04)**

UNS N06975 (Ni-Cr alloy, Hastelloy G-2)

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**

Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**



- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N06985 (Ni-Cr alloy ERNiCrMo-9, Hastelloy G-3)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, Specification for, **B582 (02.04)**
- Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N07001 (Ni-Cr alloy, Waspaloy)**
Precipitation-Hardening and Cold Worked Nickel Alloy Bars, Forgings, and Forging Stock for Moderate or High Temperature Service, Specification for, **B637 (02.04)**
- UNS N07080 (Ni-Cr alloy, Nimonic 80A)**
Precipitation-Hardening and Cold Worked Nickel Alloy Bars, Forgings, and Forging Stock for Moderate or High Temperature Service, Specification for, **B637 (02.04)**
- UNS N07252 (Ni-Cr alloy, M252)**
Precipitation-Hardening and Cold Worked Nickel Alloy Bars, Forgings, and Forging Stock for Moderate or High Temperature Service, Specification for, **B637 (02.04)**
- UNS N07500 (Ni-Cr alloy, Udimet 500)**
Precipitation-Hardening and Cold Worked Nickel Alloy Bars, Forgings, and Forging Stock for Moderate or High Temperature Service, Specification for, **B637 (02.04)**
- UNS N07716 (Ni-Cr alloy)**
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**
- UNS N07718**
Additive Manufacturing Nickel Alloy (UNS N07718) with Powder Bed Fusion, Specification for, **F3055 (10.04)**
- Precipitation-Hardening and Cold Worked Nickel Alloy Bars, Forgings, and Forging Stock for Moderate or High Temperature Service, Specification for, **B637 (02.04)**
- Precipitation-Hardening Bolting (UNS N07718) for High Temperature Service, Specification for, **A1014/A1014M (01.01)**
- Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, Specification for, **B670 (02.04)**
- UNS N07725 (Ni-Cr-Mo alloy, Inconel 725)**
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**
- UNS N07750 (Ni-Cr alloy, Inconel X750)**
Precipitation-Hardening and Cold Worked Nickel Alloy Bars, Forgings, and Forging Stock for Moderate or High Temperature Service, Specification for, **B637 (02.04)**
- UNS N07773 (Ni-Cr-Fe-Cb-Mo alloy, PH3)**
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**
- UNS N07776 (Ni-Cr-Mo-Fe-Cb-W alloy, PH6)**
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**
- UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**
- Evaluating Stress-Corrosion Cracking of Stainless Alloys with Different Nickel Content in Boiling Acidified Sodium Chloride Solution, Test Method for, **G123 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**
- General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
- Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
- UNS N08020 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
- UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**
- Welded UNS N08020 Alloy Tubes, Specification for, **B468 (02.04)**
- UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)—pipe**
Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**
- Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Pipe and Tube, Specification for, **B729 (02.04)**
- Welded UNS N08020 Alloy Pipe, Specification for, **B464 (02.04)**
- UNS N08020 (Ni-Fe-Cr alloy, Carpenter 20Cb3)—wire**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**
- UNS N08024 (Cr-Ni-Fe-Mo-Cu alloy, columbium stabilized)**
Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**
- Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**
- Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
- Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Pipe and Tube, Specification for, **B729 (02.04)**
- UNS N08020 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
- UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**



- UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**
Welded UNS N08020 Alloy Pipe, Specification for, **B464 (02.04)**
Welded UNS N08020 Alloy Tubes, Specification for, **B468 (02.04)**
- UNS N08026 (Ni-Cr wrought alloy, Carpenter 20Mo6)**
Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**
Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube, Specification for, **B729 (02.04)**
UNS N08020 Alloy Plate, Sheet, and Strip, Specification for, **B463 (02.04)**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, Specification for, **B473 (02.04)**
UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, Specification for, **B475 (02.04)**
Welded UNS N08020 Alloy Pipe, Specification for, **B464 (02.04)**
Welded UNS N08020 Alloy Tubes, Specification for, **B468 (02.04)**
- UNS N08028 (Ni-Fe-Cr alloy, Sanicro 28)**
Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028) Plate, Sheet, and Strip, Specification for, **B709 (02.04)**
UNS N08028 and N08029 Seamless Pipe and Tube, Specification for, **B668 (02.04)**
- UNS N08031 (Ni-Fe-Cr-Mo-Cu, Alloy No. 31)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, Specification for, **B581 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N08110**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- UNS N08120 (Ni-Fe-Cr alloy, HR-120)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
Welded UNS N08120, UNS N08800, UNS N08810, and, Specification for, **B515 (02.04)**
- UNS N08135 (Ni-Fe-Cr-Mo-W alloy, SM2035)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- UNS N08221 (Ni-Fe-Cr-Cu alloy)**
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Plate, Sheet, and Strip, Specification for, **B424 (02.04)**
Nickel-Iron-Chromium-Molybdenum-Copper Alloy, Specification for, **B423 (02.04)**
Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Rod and Bar, Specification for, **B425 (02.04)**
- UNS N08320 (Ni-Fe-Cr alloy, Haynes No. 20 Mod)**
Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, Specification for, **B620 (02.04)**
Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, Specification for, **B621 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N08330 (Ni-Fe-Cr alloy, RA 330)**
Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, Specification for, **B512 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**
Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**
Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**



UNS N08332 (Ni-Fe-Cr-Si alloy, RA 330TX)

Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, Specification for, **B511 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, Specification for, **B536 (02.04)**

Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, Specification for, **B535 (02.04)**

UNS N08366 (Ni-Fe-Cr alloy, AL-6X)

Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**

General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, Specification for, **B691 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, Specification for, **B690 (02.04)**

UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

UNS N08367 (Cr-Ni-Mo-N alloy, AL 6XN)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**

Chromium-Nickel-Molybdenum-Iron (UNS N08366 and UNS N08367) Plate, Sheet, and Strip, Specification for, **B688 (02.04)**

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Rod, Bar, and Wire, Specification for, **B691 (02.04)**

Iron-Nickel-Chromium-Molybdenum Alloys (UNS N08366 and UNS N08367) Seamless Pipe and Tube, Specification for, **B690 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, Specification for, **B834 (02.04)**

UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**

UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**

UNS N08367 Welded Tube, Specification for, **B676 (02.04)**

UNS N08535 (Ni-Cr-Mo-Fe-Cu alloy)

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08700 (Fe-Ni-Cr alloy, JS 700)

Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, Specification for, **B672 (02.04)**

Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, Specification for, **B599 (02.04)**

UNS N08800 (Fe-Ni-Cr alloy, Incoloy 800)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**

Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**

Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**

Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**

Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**

Welded UNS N08120, UNS N08800, UNS N08810, and, Specification for, **B515 (02.04)**

UNS N08801 (Fe-Ni-Cr alloy, Incoloy 801))

Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**

Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**

UNS N08810 (Fe-Ni-Cr alloy, Incoloy 800H)

Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**

Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**

General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**



- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
Welded UNS N08120, UNS N08800, UNS N08810, and, Specification for, **B515 (02.04)**
- UNS N08811 (wrought Ni-Fe-Cr alloy, Incoloy 800HT)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B409 (02.04)**
Nickel-Iron-Chromium Alloy Rod and Bar, Specification for, **B408 (02.04)**
Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, Specification for, **B407 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
- UNS N08825 (Ni-Fe-Cr alloy, Incoloy 825)**
Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Plate, Sheet, and Strip, Specification for, **B424 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
Nickel-Iron-Chromium-Molybdenum-Copper Alloy, Specification for, **B423 (02.04)**
Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, Specification for, **B163 (02.04)**
Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Rod and Bar, Specification for, **B425 (02.04)**
Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**
- UNS N08904 (Ni-Cr-Mo alloy)**
Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
- UNS N08925 (Ni-Fe-Cr-Mo-Cu-low-carbon alloy)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
- UNS N08926 (Ni-Fe-Cr-Mo-Cu-N alloy, low C, N modified)**
Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, Specification for, **A240/A240M (01.03)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**
Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**
UNS N08367 and UNS N08926 Welded Pipe, Specification for, **B804 (02.04)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, Specification for, **B677 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**
- UNS N08932 (Ni-Fe-Cr-Mo-Cu low C alloy, Creusot UR SB 8)**
UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**
- UNS N09008 (Ni-Fe-Cr-Nb-Ti-Al alloy, Incoloy alloy 908)**
Precipitation-Hardening Nickel Alloys Plate, Sheet, and Strip, Specification for, **B872 (02.04)**
- UNS N09777 (Ni-Fe-Cr-Mo-Ti alloy, PH7)**
Precipitation Hardening Nickel Alloys Bar and Wire, Specification for, **B805 (02.04)**
- UNS N10001 (Ni-Mo alloy, Hastelloy B)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**



- Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
- Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
- Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N10002 (Ni-Mo alloy, Hastelloy C)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
- Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- UNS N10003 (Ni-Mo alloy, Hastelloy N)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242) Rod, Specification for, **B573 (02.04)**
- Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242) Plate, Sheet, and Strip, Specification for, **B434 (02.04)**
- UNS N10242 (Ni-Mo-Cr alloy, Haynes 242)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- UNS N10276 (Ni-Mo alloy, Hastelloy C276)**
- Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-Bearing Alloys, Test Methods for, **G28 (03.02)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, Specification for, **B575 (02.04)**
- Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, Specification for, **B574 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution, Test Methods for, **G48 (03.02)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N10624 (low carbon Ni-Mo-Cr-Fe alloy, B-10)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N10629 (Ni-Mo alloy, B-4)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
- Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N10665 (Ni-Mo alloy, Hastelloy B-2)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Nickel-Molybdenum Alloy Plate, Sheet, and Strip, Specification for, **B333 (02.04)**
- Nickel-Molybdenum Alloy Rod, Specification for, **B335 (02.04)**
- Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), Specification for, **F468M (01.08)**
- Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, Specification for, **F468 (01.08)**
- Nonferrous Nuts for General Use, Specification for, **F467 (01.08)**
- Nonferrous Nuts for General Use (Metric), Specification for, **F467M (01.08)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N10675 (Ni-Mo-Cr-Fe alloy, Hastelloy B-3)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Nickel Alloy Forgings, Specification for, **B564 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**



- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N12160 (Ni-Co-Cr-Si alloy, HR-160)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
Nickel Alloy Forgings, Specification for, **B564 (02.04)**
Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556
Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
UNS N06002, UNS N06230, UNS N12160, and UNS R30556
Rod, Specification for, **B572 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS N14052 (nickel-iron alloy)**
Iron-Nickel Sealing Alloys, Specification for, **F30 (10.04)**
- UNS N14076 (Ni-Fe ferromagnetic alloy)**
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**
- UNS N14080 (Ni-Fe ferromagnetic alloy)**
Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), Specification for, **A753 (03.04)**
- UNS P00691 (gold electrical contact alloy)**
Gold-Silver-Platinum Electrical Contact Alloy, Specification for, **B522 (02.04)**
- UNS P00692 (gold electrical contact alloy)**
Gold-Silver-Platinum Electrical Contact Alloy, Specification for, **B522 (02.04)**
- UNS P00710 (gold electrical contact alloy)**
Gold Electrical Contact Alloy, Specification for, **B541 (02.04)**
- UNS P00750 (gold electrical contact alloy)**
Gold-Silver-Nickel Electrical Contact Alloy, Specification for, **B477 (02.04)**
- UNS P00901 (gold electrical contact alloy)**
Gold-Copper Alloy Electrical Contact Material, Specification for, **B596 (02.04)**
- UNS P03350 (palladium electrical contact alloy)**
Palladium Electrical Contact Alloy, Specification for, **B540 (02.04)**
- UNS P03440 (palladium electrical contact alloy)**
Palladium-Silver-Copper Electrical Contact Alloy, Specification for, **B563 (02.04)**
- UNS P03995 (refined palladium - 99.95 % grade)**
Refined Palladium, Specification for, **B589 (02.04)**
- UNS P04995 (refined platinum - 99.95 % grade)**
Refined Platinum, Specification for, **B561 (02.04)**
- UNS P05980 (rhodium - 99.80 % grade)**
Refined Rhodium, Specification for, **B616 (02.04)**
- UNS P05981 (refined rhodium - 99.90 % grade)**
Refined Rhodium, Specification for, **B616 (02.04)**
- UNS P05982 (refined rhodium - 99.95 % grade)**
Refined Rhodium, Specification for, **B616 (02.04)**
- UNS P06100 (refined iridium - 99.80 % grade)**
Refined Iridium, Specification for, **B671 (02.04)**
- UNS P07010 (refined silver - 99.99 % grade)**
Refined Silver, Specification for, **B413 (02.04)**
- UNS P07015 (refined silver - 99.95 % grade)**
Refined Silver, Specification for, **B413 (02.04)**
- UNS P07016 (silver)**
Braze Filler Metals for Electron Devices, Specification for, **F106 (10.04)**
- UNS P07020 (refined silver - 99.90 % grade)**
Refined Silver, Specification for, **B413 (02.04)**
- UNS P07900 (silver electrical contact alloy)**
Coin Silver Electrical Contact Alloy, Specification for, **B617 (02.04)**
- UNS R03600 (Mo, unalloyed)**
Molybdenum and Molybdenum Alloy Bar, Rod, and Wire, Specification for, **B387 (02.04)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03603 (molybdenum)**
Molybdenum Flattened Wire for Electron Tubes, Specification for, **F364 (10.04)**
- UNS R03604 (molybdenum)**
Molybdenum Flattened Wire for Electron Tubes, Specification for, **F364 (10.04)**
- UNS R03610 (Mo, unalloyed)**
Molybdenum and Molybdenum Alloy Bar, Rod, and Wire, Specification for, **B387 (02.04)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03620 (Mo alloy)**
Molybdenum and Molybdenum Alloy Bar, Rod, and Wire, Specification for, **B387 (02.04)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03630 (Mo alloy)**
Molybdenum and Molybdenum Alloy Bar, Rod, and Wire, Specification for, **B387 (02.04)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03640 (Mo alloy)**
Molybdenum and Molybdenum Alloy Bar, Rod, and Wire, Specification for, **B387 (02.04)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**
- UNS R03650 (Mo unalloyed, low carbon)**
Molybdenum and Molybdenum Alloy Bar, Rod, and Wire, Specification for, **B387 (02.04)**
Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, Specification for, **B386 (02.04)**



UNS R04200 (Nb (Cb), unalloyed, reactor grade)

Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**

Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**

Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**

Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**

UNS R04210 (Nb (Cb), unalloyed, commercial grade)

Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**

Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**

Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**

Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**

UNS R04251 (Nb (Cb)-Zr, reactor grade)

Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**

Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**

Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**

Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**

UNS R04261 (Nb (Cb)-Zr, commercial grade)

Niobium and Niobium Alloy Bar, Rod, and Wire, Specification for, **B392 (02.04)**

Niobium and Niobium Alloy Ingots, Specification for, **B391 (02.04)**

Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**

Niobium and Niobium Alloy Strip, Sheet, and Plate, Specification for, **B393 (02.04)**

UNS R04295 (Nb-Cb alloy)

Niobium-Hafnium Alloy Bar and Wire, Specification for, **B655/B655M (02.04)**

Niobium-Hafnium Alloy Foil, Sheet, Strip, and Plate, Specification for, **B654/B654M (02.04)**

Niobium-Hafnium Alloy Ingots, Specification for, **B652/B652M (02.04)**

UNS R05200 (Ta, unalloyed, cast)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), Specification for, **F560 (13.01)**

UNS R05240 (TA-40 Nb (Cb) alloy)

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

UNS R05252 (97.5 Ta-2.5W)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

UNS R05255 (90Ta-10W)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

UNS R05400 (Ta, unalloyed, sintered)

Tantalum and Tantalum Alloy Ingots, Specification for, **B364 (02.04)**

Tantalum and Tantalum Alloy Plate, Sheet, and Strip, Specification for, **B708 (02.04)**

Tantalum and Tantalum Alloy Rod and Wire, Specification for, **B365 (02.04)**

Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**

Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), Specification for, **F560 (13.01)**

UNS R07005 (tungsten)

Round Wire for Winding Electron Tube Grid Laterals, Specification for, **F290 (10.04)**

Tungsten Wire for Electron Devices and Lamps, Specification for, **F288 (10.04)**

UNS R07031 (tungsten/rhenium alloy)

Tungsten-Rhenium Alloy Wire for Electron Devices and Lamps, Specification for, **F73 (10.04)**

UNS R20033 (Cr-Ni-Fe-Mo austenitic stainless steel, Alloy 33)

Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**

Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, Specification for, **B462 (02.04)**

Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, Specification for, **B649 (02.04)**

Nickel Alloy Billets and Bars for Reforging, Specification for, **B472 (02.04)**

Nickel Alloy Forgings, Specification for, **B564 (02.04)**

Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**

UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, Specification for, **B625 (02.04)**



- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS R20500 (chromium-nickel alloy)**
Castings, Chromium-Nickel Alloy, Specification for, **A560/A560M (01.02)**
- UNS R20600 (chromium-nickel alloy)**
Castings, Chromium-Nickel Alloy, Specification for, **A560/A560M (01.02)**
- UNS R20990 (chromium metal)**
Chromium Metal, Specification for, **A481 (01.02)**
- UNS R20994 (chromium metal)**
Chromium Metal, Specification for, **A481 (01.02)**
- UNS R30003**
Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.02)**
- UNS R30005 (Co-Ni-Cr-Mo alloy, MP-35-N)**
Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), Specification for, **A801 (03.04)**
- UNS R30008**
Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.02)**
- UNS R30035 (Co-Ni-Cr-Mo alloy, MP-35-N)**
35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Forgings for Surgical Implants (UNS R30035), Specification for, **F961 (13.01)**
- Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), Specification for, **F562 (13.01)**
- Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), Specification for, **F688 (13.01)**
- Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.02)**
- UNS R3003 (cobalt alloy)**
Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**
- UNS R30075 (Co-Cr-Mo alloy)**
Cobalt-28Chromium-6Molybdenum Alloy Castings and Casting Alloy for Surgical Implants (UNS R30075), Specification for, **F75 (13.01)**
- Cobalt-28Chromium-6Molybdenum Powder for Coating of Orthopedic Implants (UNS R30075), Specification for, **F1377 (13.01)**
- UNS R3008 (cobalt alloy)**
Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), Specification for, **F1058 (13.01)**
- UNS R30155 (Fe-Cr-Ni-Co alloy)**
Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**
- UNS R30556 (Fe-Cr-Ni-Co alloy, HS 556)**
Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, Specification for, **B622 (02.04)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, Specification for, **B435 (02.04)**
- UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, Specification for, **B572 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**
- UNS R30605 (Co-Cr-Ni-W alloy, L-605)**
Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), Specification for, **F90 (13.01)**
- Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.02)**
- UNS R30816 (Co-Cr-Ni-Cb-Mo-W alloy)**
Precipitation Hardening Cobalt-Containing Alloys (UNS R30155 and UNS R30816) Rod, Bar, Forgings, and Forging Stock for High-Temperature Service, Specification for, **B639 (02.04)**
- UNS R31233 (Co-Cr-Ni-Mo-W) (Ultimet alloy)**
Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy, Specification for, **B818 (02.04)**
- Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy, Specification for, **B815 (02.04)**
- UNS R31537 (Co-Cr-Mo alloy)**
Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**
- Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**
- Wrought Seamless and Welded and Drawn Cobalt Alloy Small Diameter Tubing for Surgical Implants (UNS R30003, UNS R30008, UNS R30035, UNS R30605, and UNS R31537), Specification for, **F2527 (13.02)**
- UNS R31538 (Co-Cr-Mo alloy)**
Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**
- Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**
- UNS R31539 (Co-Cr-Mo alloy)**
Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), Specification for, **F799 (13.01)**
- Wrought Cobalt-28Chromium-6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539), Specification for, **F1537 (13.01)**



- Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**
- Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**
- Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**
- UNS R52550 (Ti alloy)**
- Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**
- UNS R52700 (Ti alloy)**
- Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**
- UNS R53400 (Ti alloy)**
- Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
- Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
- Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**
- Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**
- UNS R54520 (Ti alloy)**
- Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
- Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
- Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**
- Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**
- UNS R56320 (Ti alloy)**
- Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
- Wrought Titanium-3Aluminum-2.5Vanadium Alloy Seamless Tubing for Surgical Implant Applications (UNS R56320), Specification for, **F2146 (13.01)**
- UNS R56400 (Ti alloy)**
- Titanium Alloy Forgings for Surgical Implants in the Alpha Plus Beta Condition, Specification for, **F620 (13.01)**
- Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
- Titanium and Titanium Alloy Castings, Specification for, **B367 (02.04)**
- Titanium and Titanium Alloy Forgings, Specification for, **B381 (02.04)**
- Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**
- Wrought Titanium-6Aluminum-4Vanadium Alloy for Surgical Implant Applications (UNS R56400), Specification for, **F1472 (13.01)**
- UNS R56401 (Ti alloy)**
- Titanium Alloy Forgings for Surgical Implants in the Alpha Plus Beta Condition, Specification for, **F620 (13.01)**
- Wrought Titanium-6Aluminum-4Vanadium ELI (Extra Low Interstitial) Alloy for Surgical Implant Applications (UNS R56401), Specification for, **F136 (13.01)**
- UNS R56700 (Ti-6 Al-7 Nb alloy)**
- Titanium Alloy Forgings for Surgical Implants in the Alpha Plus Beta Condition, Specification for, **F620 (13.01)**
- Wrought Titanium-6Aluminum-7Niobium Alloy for Surgical Implant Applications (UNS R56700), Specification for, **F1295 (13.01)**
- UNS R58030 (Ti alloy)**
- Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
- Titanium and Titanium Alloy Bars and Billets, Specification for, **B348 (02.04)**
- Titanium and Titanium Alloy Strip, Sheet, and Plate, Specification for, **B265 (02.04)**
- UNS R58150 (Ti-15 Mo alloy)**
- Wrought Titanium-15 Molybdenum Alloy for Surgical Implant Applications (UNS R58150), Specification for, **F2066 (13.01)**
- UNS R60001 (Zr/Zr alloy for nuclear applications)**
- Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
- Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
- Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
- Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
- Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
- Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**
- UNS R60702 (Zr/Zr alloy for nonnuclear applications)**
- Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
- Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
- Primary Zirconium, Specification for, **B494/B494M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Pipe, Specification for, **B658/B658M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
- Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
- Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**
- Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**
- Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**
- UNS R60703 (Zr/Zr alloy for nonnuclear applications)**
- Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
- Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
- Primary Zirconium, Specification for, **B494/B494M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
- Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
- Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**



- Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**
- UNS R60704 (Zr/Zr alloy for nonnuclear applications)**
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**
Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**
Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**
- UNS R60705 (Zr/Zr alloy for nonnuclear applications)**
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**
Zirconium and Zirconium Alloy Ingots, Specification for, **B495 (02.04)**
Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**
- UNS R60802 (Zr/Zr alloy for nuclear applications)**
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**
- UNS R60804 (Zr/Zr alloy for nuclear applications)**
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
- Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**
- UNS R60901**
Wrought Zirconium-2.5Niobium Alloy for Surgical Implant Applications (UNS R60901), Specification for, **F2384 (13.01)**
- UNS R60901 (Zr/Zr alloy for nuclear applications)**
Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, Practice for, **B614 (02.04)**
Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**
- UNS S29108 (wrought nitrogen strengthened 23 Mn-21 Cr-1 Mo low-nickel stainless steel alloy)**
Wrought, Nitrogen Strengthened 23Manganese-21Chromium-1Molybdenum Low-Nickel Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S29108), Specification for, **F2229 (13.01)**
- UNS S31673 (Cr-Ni-Mo stainless steel (Surgical implant 316L))**
Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Bar and Wire for Surgical Implants (UNS S31673), Specification for, **F138 (13.01)**
Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Sheet and Strip for Surgical Implants (UNS S31673), Specification for, **F139 (13.01)**
- UNS S44003 (hardenable Cr stainless steel)**
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
- UNS S44004 (hardenable Cr stainless steel)**
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
- UNS T11350 (bearing steel)**
Balls, Bearings, Ferrous and Nonferrous for Use in Bearings, Valves, and Bearing Applications, Specification for, **F2215 (01.08)**
- Unstratified liquids**
Sampling With a Composite Liquid Waste Sampler (COLI-WASA), Practice for, **D5495 (11.04)**
- Unsulfated matter content**
Sampling and Chemical Analysis of Fatty Alkyl Sulfates, Test Methods for, **D1570 (15.04)**
- Unulfonated matter content**
See **Neutral oil content**
- Unsupported gage section**
Compressive Properties of Polymer Matrix Composite Materials with Unsupported Gage Section by Shear Loading, Test Method for, **D3410/D3410M (15.03)**

**UNS Z30500 (Zn alloy)**

Zinc Alloys in Ingot Form for Slush Casting, Specification for, **B792 (02.04)**

UNS Z33520 (Zn alloy AG40A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z33521 (Zn alloy AG40A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z33522 (Zn alloy)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z33530 (Zn alloy AC41A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z34510 (Zn alloy)

Zinc Alloys in Ingot Form for Slush Casting, Specification for, **B792 (02.04)**

UNS Z35523 (Zn alloy, AG40B)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z35531 (Zn alloy AC41A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z35540 (Zn alloy, AC43A)

Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, Specification for, **B240 (02.04)**

UNS Z35541 (Zn alloy, AC43A)

Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings, Specification for, **B86 (02.04)**

UNS Z35542 (Zn alloy)

Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, Specification for, **B793 (02.04)**

UNS Z35543 (Zn alloy)

Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, Specification for, **B793 (02.04)**

UNS Z38510 (Zn coating alloy)

GALFAN, Specification for, **B750 (02.04)**

Untreated die forgings

Steel, Closed-Impression Die Forgings for General Industrial Use, Specification for, **A521/A521M (01.05)**

Untreated mica paper

Sa Mica

Sampling and Testing Untreated Mica Paper Used for Electrical Insulation, Methods for, **D1677 (10.01)**

Untreated textile fabrics

Air Permeability of Textile Fabrics, Test Method for, **D737 (07.01)**

Untreated wood

Laboratory Evaluation of Wood and Other Cellulosic Materials for Resistance to Termites, Test Method for, **D3345 (04.10)**

Untwisted

Entanglements in Untwisted Filament Yarns by Needle Insertion, Test Method for, **D4724 (07.02)**

Unused carbon

Determination of Iodine Number of Activated Carbon, Test Method for, **D4607 (15.01)**

Unused lubricating oils

Analysis of Barium, Calcium, Magnesium, and Zinc in Unused Lubricating Oils by Atomic Absorption Spectrometry, Test Method for, **D4628 (05.02)**

Unused polypropylene rope

Unused Rope with Special Electrical Properties, Specification for, **F1701 (10.03)**

Unused rolling oil dispersion (in water)

Dispersion Stability of New (Unused) Rolling Oil Dispersions in Water, Test Method for, **D3342 (05.01)**

Unventilated rooms

Confined Area Entry, Practice for, **D4276 (15.05)**

Unvulcanized compounds

Determination of Green Strength and Stress Relaxation of Raw Rubber or Unvulcanized Compounds, Test Method for, **D6746 (09.01)**

Rubber Property—Extrudability of Unvulcanized Compounds, Test Method for, **D2230 (09.01)**

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- Rapid Determination of the Nonvolatile Content of Coatings by Loss in Weight, Test Method for, **D7232 (06.01)**
- Scrub Resistance of Paints by Abrasion Weight Loss, Test Method for, **D4213 (06.02)**
- Stability of Perchloroethylene with Copper, Test Method for, **D3316 (15.05)**
- Thermal Oxidative Resistance of Carbon Fibers, Test Method for, **D4102 (15.03)**
- Volatile Matter in the Analysis of Particulate Wood Fuels, Test Method for, **E872 (05.06)**
- Weight Loss (Mass Loss) of Sheet Steel During Immersion in Sulfuric Acid Solution, Test Method for, **C694 (02.05)**
- Weight Loss After Heat Aging of Preformed Tape Sealants, Test Method for, **C771 (04.07)**
- Weight Loss of Electrical Insulating Varnishes, Test Method for, **D2756 (10.02)**
- Weight Loss of Gasket Materials Upon Exposure to Elevated Temperatures, Test Method for, **F495 (09.02)**
- Weight Loss of Solventless Varnishes, Test Method for, **D3377 (10.02)**
- Wood Preservatives by Laboratory Soil-Block Cultures, Test Method for, **D1413 (04.10)**
- Weight method**
- Determination of Cross-Sectional Area of Stranded Conductors, Test Method for, **B263/B263M (02.03)**
- Weight of filaments (per unit volume)**
- Bulk Density of Tapered Paintbrush Filaments, Test Method for, **D6737 (06.02)**
- Weight of toner**
- Determining Toner Usage for Printer Cartridges, Practice for, **F1856 (15.09)**
- Weight percent epoxide (WPE)**
- Epoxy Content of Epoxy Resins, Test Method for, **D1652 (06.03)**
- Weight-per-gallon cup**
- Density of Adhesives in Fluid Form, Test Method for, **D1875 (15.06)**
- Density of Liquid Coatings, Inks, and Related Products, Test Method For, **D1475 (06.01)**
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- Accumulated Deposition in a Steam Generator Tube, Test Methods for, **D3483 (11.02)**
- Applied Weight Per Unit Area of Liquid Adhesive, Practice for, **D899 (15.06)**
- ASTM Butadiene Measurement Tables, Standard, **D1550 (05.01)**
- Backing Fabric Characteristics of Pile Yarn Floor Coverings, Test Methods for, **D2646 (07.01)**
- Determining Mass Per Unit Area of Electrodeposited and Related Coatings by Gravimetric and Other Chemical Analysis Procedures, Guide for, **B767 (02.05)**
- Dusting Attrition of Granular Activated Carbon, Guide for, **D5159 (15.01)**
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- Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum, Test Method for, **B137 (02.05)**
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- Weight per unit length**
- Properties of Continuous Filament Carbon and Graphite Fiber Tows, Test Methods for, **D4018 (15.03)**
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- Tungsten Base, High-Density Metal, Specification for, **B777 (02.04)**
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- Design of Weight-Shift-Control Aircraft, Specification for, **F2317/F2317M (15.11)**
- Production Acceptance Test Procedures for Weight-Shift-Control Aircraft, Practice for, **F2447 (15.11)**
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- Calculating Formulation Physical Constants of Paints and Coatings, Practice for, **D5201 (06.01)**
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- Selectorized Strength Equipment, Specification for, **F2216 (15.07)**
- Weirs**
- Methods for Measuring Well Discharge, Guide for, **D5737/D5737M (04.08)**
- Open Channel Flow Measurement of Water with Broad-Crested Weirs, Test Method for, **D5614 (11.02)**
- Open-Channel Flow Measurement of Water with Thin-Plate Weirs, Test Method for, **D5242 (11.01)**
- Selection of Weirs and Flumes for Open-Channel Flow Measurement of Water, Guide for, **D5640 (11.02)**
- Weir skimmers**
- Selection of Skimmers for Oil-Spill Response, Guide for, **F1778 (11.05)**
- Weissenberg rheogoniometer test**
- Testing Coating Powders and Powder Coatings, Guide for, **D3451 (06.02)**
- Welded attachment links**
- Forged Grade 80 and Grade 100 Steel Lifting Components and Welded Attachment Links, Specification for, **A952/A952M (01.05)**
- Welded construction**
- Cold-Formed Welded Carbon Steel Hollow Structural Sections (HSS), Specification for, **A1085 (01.01)**
- Examination of Welds Using the Alternating Current Field Measurement Technique, Practice for, **E2261/E2261M (03.03)**
- High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, Specification for, **A945/A945M (01.04)**
- Structural Steel with Improved Yield Strength at High Temperature for Use in Buildings, Specification for, **A1077/A1077M (01.04)**
- Structural Steel with Low Yield to Tensile Ratio for Use in Buildings, Specification for, **A1043/A1043M (01.04)**
- Welded Cu/Cu alloy castings**
- Copper Alloy Sand Castings for Valve Applications, Specification for, **B763/B763M (02.01)**



Welded Cu/Cu alloy pipe

- Welded Copper-Alloy Pipe, Specification for, **B608 (02.01)**
- Welded Copper-Nickel Pipe, Specification for, **B467 (02.01)**

Welded Cu/Cu alloy tube

- Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, Specification for, **B552 (02.01)**
- Seamless Copper and Copper Alloy Plumbing Pipe and Tube, Classification for, **B698 (02.01)**
- Temper Designations for Copper and Copper Alloys—Wrought and Cast, Classification for, **B601 (02.01)**
- Welded Brass Tube, Specification for, **B587 (02.01)**
- Welded Copper and Copper-Alloy Heat Exchanger Tube, Specification for, **B543/B543M (02.01)**
- Welded Copper Tube, Specification for, **B447 (02.01)**
- Welded Copper Tube for Air Conditioning and Refrigeration Service, Specification for, **B640 (02.01)**

Welded electrical contact assemblies

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Welded layered pressure vessels

- Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, Quenched and Tempered, for Welded Pressure Vessels, Specification for, **A724/A724M (01.04)**

Welded Ni/Ni alloy pipe—specifications

- Electric Fusion Welded Nickel and Nickel Alloy Pipe, Specification for, **B474 (02.04)**
- Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, Specification for, **B546 (02.04)**
- Factory-Made Wrought Nickel and Nickel Alloy Fittings, Specification for, **B366 (02.04)**
- General Requirements for Nickel and Nickel Alloy Welded Pipe, Specification for, **B775 (02.04)**
- Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, Specification for, **B705 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, Specification for, **B723 (02.04)**
- Nickel-Chromium-Molybdenum-Tungsten-Alloys, Specification for, **B757 (02.04)**
- Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, Specification for, **B710 (02.04)**
- UNS N08367 Welded Pipe, Specification for, **B675 (02.04)**
- UNS N08925, UNS N08354, and UNS N08926 Welded Pipe, Specification for, **B673 (02.04)**
- Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, Specification for, **B725 (02.04)**
- Welded Nickel and Nickel-Cobalt Alloy Pipe, Specification for, **B619 (02.04)**
- Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, Specification for, **B517 (02.04)**
- Welded Nickel-Iron-Chromium Alloy Pipe, Specification for, **B514 (02.04)**
- Welded UNS N08020 Alloy Pipe, Specification for, **B464 (02.04)**

Welded Ni/Ni alloy tube—specifications

- General Requirements for Nickel and Nickel Alloy Welded Tube, Specification for, **B751 (02.04)**
- Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, Specification for, **B726 (02.04)**

Nickel-Chromium-Molybdenum-Tungsten Alloys, Specification for, **B758 (02.04)**

Nickel-Iron-Chromium-Silicon Alloy Welded Tube, Specification for, **B739 (02.04)**

Seamless and Welded Nickel Alloy Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **B924 (02.04)**

UNS N08367 Welded Tube, Specification for, **B676 (02.04)**

UNS N08925, UNS N08354, and UNS N08926 Welded Tube, Specification for, **B674 (02.04)**

Welded Nickel and Nickel-Cobalt Alloy Tube, Specification for, **B626 (02.04)**

Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, Specification for, **B516 (02.04)**

Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes, Specification for, **B704 (02.04)**

Welded UNS N08020 Alloy Tubes, Specification for, **B468 (02.04)**

Welded UNS N08120, UNS N08800, UNS N08810, and, Specification for, **B515 (02.04)**

Welded/seamless wrought steel pipe

Welded and Seamless Wrought Steel Pipe [American National Standard], **ASMEB36.10M-1996** (Related Material) (01.01)

Welded and Seamless Wrought Steel Pipe [American National Standard], **ANSI/ASMEB36.19M-1985** (Related Material) (01.01)

Welded steel bars/shapes—specifications

Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, Specification for, **A769/A769M (01.04)**

Carbon Structural Steel, Specification for, **A36/A36M (01.04)**
Headed Steel Bars for Concrete Reinforcement, Specification for, **A970/A970M (01.04)**

High-Strength Low-Alloy Columbium-Vanadium Structural Steel, Specification for, **A572/A572M (01.04)**

High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**

Welded Deformed Steel Bar Mats for Concrete Reinforcement, Specification for, **A184/A184M (01.04)**

Welded Steel Plain Bar or Rod Mats for Concrete Reinforcement, Specification for, **A704/A704M (01.04)**

Welded steel castings—specifications

Sa Steel castings

Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service, Specification for, **A216/A216M (01.02)**

Steel Castings, Surface Acceptance Standards, Visual Examination, Practice for, **A802/A802M (01.02)**

Welded steel forgings

Magnetic Particle Examination of Steel Forgings, Practice for, **A275/A275M (01.05)**

Welded steel forgings—specifications

Sa Steel forgings—specifications

Steel Forgings, Alloy, for Carburizing Applications, Specification for, **A837/A837M (01.05)**

Welded steel materials/applications

Acoustic Emission Examination of Welded Steel Sphere Pressure Vessels Using Thermal Pressurization, Practice for, **E2863 (03.03)**

Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, Practices for, **A262 (01.03)**



Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels, Practices for, **A763 (01.03)**

Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies, Practice for, **A384/A384M (01.06)**

Welded steel materials/applications—specifications

Sa Structural steel (SS)

Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, Specification for, **A769/A769M (01.04)**

Grade 80 and Grade 100 Alloy Steel Chain Slings for Overhead Lifting, Specification for, **A906/A906M (01.05)**

High-Strength Carbon-Manganese Steel of Structural Quality, Specification for, **A529/A529M (01.04)**

Machine and Coil Chain, Specification for, **A467/A467M (01.05)**

Pressure Vessel Plates, Alloy Steel, Quenched and Tempered Nickel-Chromium-Molybdenum, Specification for, **A543/A543M (01.04)**

Structural Steel Shapes, Specification for, **A992/A992M (01.04)**

Welded steel pipe—specifications

As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, Specification for, **A774/A774M (01.01)**

Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use, Specification for, **A795/A795M (01.01)**

Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures, Specification for, **A691/A691M (01.01)**

Cold-Worked Welded Austenitic Stainless Steel Pipe, Specification for, **A814/A814M (01.01)**

Electric-Fusion (Arc)-Welded Steel Pipe (NPS 4 and Over), Specification for, **A139/A139M (01.01)**

Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, Specification for, **A358/A358M (01.01)**

Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry, Specification for, **A587 (01.01)**

Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, Specification for, **A858/A858M (01.01)**

Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems, Specification for, **A381 (01.01)**

Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless, Specification for, **A53/A53M (01.01)**

Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over), Specification for, **A134 (01.01)**

Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures, Specification for, **F1083 (01.06)**

Seamless and Welded Carbon Steel Water-Well Pipe, Specification for, **A589/A589M (01.01)**

Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, Specification for, **A790/A790M (01.01)**

Seamless and Welded Steel Pipe for Low-Temperature Service and Other Applications with Required Notch Toughness, Specification for, **A333/A333M (01.01)**

Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes, Specification for, **A312/A312M (01.01)**

Single- or Double-Welded Austenitic Stainless Steel Pipe, Specification for, **A813/A813M (01.01)**

Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints, Specification for, **A865/A865M (01.01)**

Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples, Specification for, **A733 (01.01)**

Welded and Seamless Steel Pipe Piles, Specification for, **A252 (01.01)**

Welded Ferritic-Martensitic Stainless Steel Pipe, Specification for, **A1053/A1053M (01.01)**

Wrought High-Strength Ferritic Steel Butt-Welding Fittings, Specification for, **A860/A860M (01.01)**

Welded steel plate/sheet/strip—specifications

Carbon Structural Steel, Specification for, **A36/A36M (01.04)**

High-Strength Low-Alloy Columbium-Vanadium Structural Steel, Specification for, **A572/A572M (01.04)**

High-Strength Low-Alloy Structural Steel, Specification for, **A242/A242M (01.04)**

High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding, Specification for, **A514/A514M (01.04)**

Normalized High-Strength Low-Alloy Structural Steel Plates, Specification for, **A633/A633M (01.04)**

Pressure Vessel Plates, Alloy Steel, Double-Normalized and Tempered 9 % Nickel, Specification for, **A353/A353M (01.04)**

Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service, Specification for, **A516/A516M (01.04)**

Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength, Specification for, **A285/A285M (01.04)**

Pressure Vessel Plates, Carbon Steel, Manganese-Titanium for Glass or Diffused Metallic Coatings, Specification for, **A562/A562M (01.04)**

Welded steel shipbuilding materials

Sa Shipbuilding steel pipe materials—specifications

Cleats, Welded Horn Type, Specification for, **F1074 (01.07)**

Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube, Practice for, **F1076 (01.07)**

Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150°F), Specification for, **F1200 (01.07)**

Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures, Specification for, **F1083 (01.06)**

Selection of Structural Details for Ship Construction, Guide for, **F1455 (01.07)**

Turnbuckles, Swaged, Welded, Forged, Specification for, **F1145 (01.07)**

Welded steel shipbuilding materials—specifications

Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150°F Maximum), Specification for, **F1199 (01.07)**

Welded steel tube—specifications

Cold-Drawn Butt-weld Carbon Steel Mechanical Tubing, Specification for, **A512 (01.01)**

Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes, Specification for, **A500/A500M (01.01)**

Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, Specification for, **A847/A847M (01.01)**

Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing, Specification for, **A513/A513M (01.01)**

Electric-Resistance-Welded Carbon Steel and Carbon-Manganese Steel Boiler and Superheater Tubes, Specification for, **A178/A178M (01.01)**



- Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes, Specification for, **A214/A214M (01.01)**
- Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes, Specification for, **A250/A250M (01.01)**
- Electric-Resistance-Welded Metallic-Coated Carbon Steel Mechanical Tubing, Specification for, **A787/A787M (01.01)**
- General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel, and Stainless Steel Tubes, Specification for, **A1016/A1016M (01.01)**
- Hot-Formed Welded and Seamless Carbon Steel Structural Tubing, Specification for, **A501/A501M (01.01)**
- Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing, Specification for, **A618/A618M (01.01)**
- Seamless and Electric-Welded Low-Alloy Steel Tubes, Specification for, **A423/A423M (01.01)**
- Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing, Specification for, **A270/A270M (01.01)**
- Seamless and Welded Austenitic Stainless Steel Feedwater Heater Tubes, Specification for, **A688/A688M (01.01)**
- Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service, Specification for, **A632 (01.01)**
- Seamless and Welded Austenitic Stainless Steel Tubing for General Service, Specification for, **A269/A269M (01.01)**
- Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service, Specification for, **A334/A334M (01.01)**
- Seamless and Welded Carbon Steel Heat-Exchanger Tubes with Integral Fins, Specification for, **A498/A498M (01.01)**
- Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service, Specification for, **A268/A268M (01.01)**
- Seamless and Welded Ferritic Stainless Steel Feedwater Heater Tubes, Specification for, **A803/A803M (01.01)**
- Seamless and Welded Ferritic, Austenitic and Duplex Alloy Steel Condenser and Heat Exchanger Tubes With Integral Fins, Specification for, **A1012 (01.01)**
- Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service, Specification for, **A789/A789M (01.01)**
- Steel Tubes, Carbon and Carbon Manganese, Fusion Welded, for Boiler, Superheater, Heat Exchanger and Condenser Applications, Specification for, **A1020/A1020M (01.01)**
- Steel Tubes, Low-Carbon or High-Strength Low-Alloy, Tapered for Structural Use, Specification for, **A595/A595M (01.01)**
- Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes, Specification for, **A249/A249M (01.01)**
- Welded Stainless Steel Mechanical Tubing, Specification for, **A554 (01.01)**
- Welded, Unannealed Austenitic Stainless Steel Tubular Products, Specification for, **A778 (01.01)**
- Welded steel wire—specifications**
- Sa Steel wire (concrete reinforcement applications)—specifications**
- Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement, Specification for, **A1022/A1022M (01.04)**
- Epoxy-Coated Steel Wire and Welded Wire Reinforcement, Specification for, **A884/A884M (01.04)**
- General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel, and Alloy Steel, Specification for, **A510/A510M (01.03)**
- Hardware Cloth (Woven or Welded Galvanized Steel Wire Fabric), Specification for, **A740 (01.06)**
- Vinyl-Coated Steel Wire and Welded Wire Reinforcement, Specification for, **A933/A933M (01.04)**
- Welded Wire Fabric Gabions and Gabion Mattresses (Metallic-Coated or Polyvinyl Chloride (PVC) Coated), Specification for, **A974 (01.06)**
- Welded Wire Lath, Specification for, **C933 (04.01)**
- Zinc-Coated (Galvanized) Steel Welded Wire Reinforcement, Plain and Deformed, for Concrete, Specification for, **A1060/A1060M (01.04)**
- Welded Ti/Ti alloy—specifications**
- Seamless and Welded Titanium and Titanium Alloy Condenser and Heat Exchanger Tubes with Enhanced Surface for Improved Heat Transfer, Specification for, **B891 (02.04)**
- Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, Specification for, **B338 (02.04)**
- Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, Specification for, **B363 (02.04)**
- Titanium and Titanium Alloy Welded Pipe, Specification for, **B862 (02.04)**
- Titanium and Titanium Alloy Wire, Specification for, **B863 (02.04)**
- Welded wire**
- Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete, Specification for, **A1064/A1064M (01.04)**
- Measuring Pull Strength of Microelectronic Wire Bonds, Test Methods for, **F459 (10.04)**
- Welded Zr/Zr alloy**
- Seamless and Welded Zirconium and Zirconium Alloy Pipe, Specification for, **B658/B658M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Welding Fittings, Specification for, **B653/B653M (02.04)**
- Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
- Weld filler metal (UNS) numbering system**
- Numbering Metals and Alloys in the Unified Numbering System (UNS), Practice for, **E527 (01.01)**
- Welding electrode (UNS) numbering system**
- Numbering Metals and Alloys in the Unified Numbering System (UNS), Practice for, **E527 (01.01)**
- Welding/welds**
- Appearances of Radiographic Images as Certain Parameters are Changed, Reference Radiographs for, **E242 (03.03)**
- Conducting Wet Sand/Rubber Wheel Abrasion Tests, Test Method for, **G105 (03.02)**
- Design and Fabrication of Flue Gas Desulfurization System Components for Protective Lining Application, Specification for, **D4618 (06.02)**
- Determining the Short Term Tensile Weld Strength of Chemical-Resistant Thermoplastics, Practice for, **C1147 (08.01)**
- Determining the Susceptibility of Stainless Steels and Related Nickel-Chromium-Iron Alloys to Stress-Corrosion Cracking in Polythionic Acids, Practice for, **G35 (03.02)**
- Electromagnetic Acoustic Transducers (EMATs), Guide for, **E1774 (03.03)**



- Examination of Aluminum Fusion Welds, Reference Radiographs for, **E1648 (03.03)**
- Guided Bend Test for Ductility of Welds, Test Method for, **E190 (03.01)**
- Magnetic Particle Testing, Practice for, **E1444/E1444M (03.03)**
- Magnetic Particle Testing, Guide for, **E709 (03.03)**
- Mechanized Ultrasonic Testing of Girth Welds Using Zonal Discrimination with Focused Search Units, Practice for, **E1961 (03.03)**
- Niobium and Niobium Alloy Seamless and Welded Tubes, Specification for, **B394 (02.04)**
- Preparation of Stress-Corrosion Test Specimens for Weldments, Practice for, **G58 (03.02)**
- Radiographic Examination of Advanced Aero and Turbine Materials and Components, Practice for, **E2104 (03.03)**
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- Reconstitution of Irradiated Charpy-Sized Specimens, Guide for, **E1253 (12.02)**
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- Tantalum and Tantalum Alloy Seamless and Welded Tubes, Specification for, **B521 (02.04)**
- Welding/welds—specifications**
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XRF (X-ray fluorescence)—petroleum products

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- Primary Zirconium, Specification for, **B494/B494M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Pipe, Specification for, **B658/B658M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Tubes, Specification for, **B523/B523M (02.04)**
- Seamless and Welded Zirconium and Zirconium Alloy Welding Fittings, Specification for, **B653/B653M (02.04)**
- Zirconium and Zirconium Alloy Bar and Wire, Specification for, **B550/B550M (02.04)**
- Zirconium and Zirconium Alloy Forgings, Specification for, **B493/B493M (02.04)**
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- Zirconium and Zirconium Alloy Strip, Sheet, and Plate, Specification for, **B551/B551M (02.04)**
- Zirconium alloys (for nuclear applications)—specifications**
- Corrosion Testing of Products of Zirconium, Hafnium, and Their Alloys in Water at 680°F (360°C) or in Steam at 750°F (400°C), Test Method for, **G2/G2M (02.04)**
- Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, Specification for, **B351/B351M (02.04)**
- Wrought Zirconium Alloy Seamless Tubes for Nuclear Reactor Fuel Cladding, Specification for, **B811 (02.04)**
- Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), Specification for, **B353 (02.04)**
- Zirconium and Zirconium Alloy Ingots for Nuclear Application, Specification for, **B350/B350M (02.04)**
- Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, Specification for, **B352/B352M (02.04)**
- Zirconium Sponge and Other Forms of Virgin Metal for Nuclear Application, Specification for, **B349/B349M (02.04)**
- Zirconium/zirconium alloys—surgical implants**
- Wrought Titanium-12Molybdenum-6Zirconium-2Iron Alloy for Surgical Implant (UNS R58120), Specification for, **F1813 (13.01)**
- Wrought Titanium-13Niobium-13Zirconium Alloy for Surgical Implant Applications (UNS R58130), Specification for, **F1713 (13.01)**
- Zirconium (Zr)**
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- Determination of Zirconium Treatment Weight or Thickness on Metal Substrates by X-Ray Fluorescence, Test Method for, **D7639 (06.02)**
- Heat Resistant Aluminum-Zirconium Alloy Wire for Electrical Purposes, Specification for, **B941 (02.03)**
- Reactive and Refractory Metal Clad Plate, Specification for, **B898 (02.04)**
- Zonal discrimination**
- Mechanized Ultrasonic Testing of Girth Welds Using Zonal Discrimination with Focused Search Units, Practice for, **E1961 (03.03)**
- Zoned fire detection systems**
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- Zooplankton**
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In each serial designation, the number following the dash indicates the year of original adoption as standard or, in the case of revision, the year of last revision. Thus, standards adopted or revised during the year 2015 have as their final number, 15. A letter following this number indicates more than one revision during that year, that is 15a indicates the second revision in 2015, 15b the third revision, etc. Standards that have been reapproved without change are indicated by the year of last reapproval in parentheses as part of the designation number, for example, (2015). A superscript epsilon indicates an editorial change since the last revision or reapproval; ε1 for the first change, ε2 for the second, etc.

If a standard is written in acceptable metric units and has a companion standard written in inch-pound units (or other units), the metric standard is identified by a letter M after the serial number; this standard contains "hard metric" units.

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A1-00(2010)

Specification for Carbon Steel Tee Rails, **01.04**

A2-02(2014)

Specification for Carbon Steel Girder Rails of Plain, Grooved, and Guard Types, 01.04

A3-01(2012)

Specification for Steel Joint Bars, Low, Medium, and High Carbon (Non-Heat-Treated), 01.04

A4

Withdrawn 1965; Specification for Medium-Carbon-Steel Splice Bars; Replaced by A3

A5

Withdrawn 1979; Specification for High-Carbon Steel Joint Bars; Replaced by A3

A6/A6M-14

Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling, **01.04**

A7

Withdrawn 1967; Specification for Steel for Bridges and Building; Replaced by A36 (for rolled shapes), A283, A306, A663, A675

A8

Withdrawn 1963; Specification for Structural Nickel Steel

A9

Withdrawn 1940; Specification for Steel for Buildings

A10

Withdrawn 1970; Specification for Mild Steel Plates; Replaced by A283

A11

Withdrawn 1930; Specification for Structural Steel for Cars; Replaced by A113

A12

Withdrawn 1934; Specification for Structural Steel for Ships; Replaced by A131

A13

Withdrawn 1934; Specification for Rivet Steel for Ships; Replaced by A131

A14

Withdrawn 1950; Specification for Carbon-Steel Bars for Springs; Replaced by A68

A15

Withdrawn 1969; Specification for Billet-Steel Bars for Concrete Reinforcement; Replaced by A615

A16

Withdrawn 1969; Specification for Rail-Steel Bars of Concrete Reinforcement; Replaced by A616

A17

Withdrawn 1945; Specification for Carbon-Steel and Alloy-Steel Blooms, Billets and Slabs and Forms; Replaced by A273, A274

A18

Withdrawn 1940; Specification for Quenched-and-Tempered Carbon-Steel Axles, Shafts, and Other Forgings for Locomotives and Cars; Replaced by A236

A19

Withdrawn 1939; Specification for Quenched-and-Tempered Carbon-Steel Axles, Shafts, and Other Forgings for Locomotives and Cars; Replaced by A236

A20/A20M-14

Specification for General Requirements for Steel Plates

for Pressure Vessels, **01.04**

A21

Withdrawn 2003; Specification for Carbon Steel Axles, Non-Heat-Treated and Heat-Treated, for Railway Use

A22

Withdrawn 1934; Specification for Cold-Rolled Steel Axles; Replaced by A57, A504

A23

Withdrawn 1917; Specification for Forged and Rolled, or Rolled Solid Carbon-Steel Wheels for Engine-Truck, Tender, and Passenger Service; Replaced by A57, A504

A24

Withdrawn 1917; Specification for Forged and Rolled, or Rolled Solid Carbon-Steel Wheels for Freight-Car Service; Replaced by A57, A504

A25

Withdrawn 1993; Specification for Wrought Steel Wheels for Electric Railway Service; Replaced by A504

A26

Withdrawn 1966; Specification for Steel Tires; Replaced by A551

A27/A27M-13

Specification for Steel Castings, Carbon, for General Application, **01.02**

A28

Withdrawn 1925; Specification for Lap-Welded and Seamless Steel Boiler Tubes for Locomotives; Replaced by A83

A29/A29M-12^{e1}

Specification for General Requirements for Steel Bars, Carbon and Alloy, Hot-Wrought, **01.05**

A30

Withdrawn 1964; Specification for Boiler and Firebox Steel for Locomotives

A31-14

Specification for Steel Rivets and Bars for Rivets, Pressure Vessels, **01.08**

A32

Withdrawn 1927; Specification for Cold-Drawn Bessemer Steel Automotive Screw Stock; Replaced by A107, A108

A33

Withdrawn 1937; Methods of Chemical Analysis of Plain Carbon Steel; Replaced by E30

A34/A34M-06(2012)

Practice for Sampling and Procurement Testing of Magnetic Materials, **03.04**

A35

Withdrawn 1937; Recommended Practice for Annealing of Miscellaneous Rolled and Forged Carbon-Steel Objects

A36/A36M-14

Specification for Carbon Structural Steel, **01.04**

A37

Withdrawn 1936; Recommended Practice for Carburizing and Heat-Treatment of Carburized Objects

A38

Withdrawn 1924; Specification for Drawn or Rolled Alloy, 60 Percent Nickel, 16 Percent Chromium, and Balance Iron; Replaced by A83

A39

Withdrawn 1920; Specification for Staybolt Iron;



Replaced by A84

A40

Withdrawn 1920; Specification for Engine Bolt Iron;

Replaced by A84

A41

Withdrawn 1956; Specification for Refined Iron Bars

A42

Withdrawn 1972; Specification for Wrought Iron Plates

A43

Withdrawn 1992; Specification for Merchant Pig Iron

A44

Withdrawn 1955; Specification for Engine Bolt Iron Cast Iron Pit-Cast Pipe for Water Other Liquids;

Replaced by A377

A45

Withdrawn 1943; Specification for Cast-Iron Locomotive Cylinders

A46

Withdrawn 1943; Specification for Chilled-Tread Cast-Iron Wheels

A47M

Withdrawn 1999; Replaced by A47/A47M

A47/A47M-99(2014)

Specification for Ferritic Malleable Iron Castings, **01.02**

A48M

Withdrawn 2000; Replaced by A48/A48M

A48/A48M-03(2012)

Specification for Gray Iron Castings, **01.02**

A49-12

Specification for Heat-Treated Carbon Steel Joint Bars, Microalloyed Joint Bars, and Forged Carbon Steel Compromise Joint Bars, 01.04

A50

Withdrawn 1937; Specification for Quenched Carbon-Steel Track Bolts; Replaced by A183

A51

Withdrawn 1937; Specification for Quenched Alloy-Steel Track Bolts; Replaced by A183

A52

Withdrawn 1925; Specification for Lap-Welded and Seamless Steel and Wrought-Iron Boiler Tubes for Stationary Service; Replaced by A83

A53/A53M-12

Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless, **01.01**

A54

Withdrawn 1927; Specification for Cold-Drawn Open-Hearth Steel Automatic Screw Stock; Replaced by A107, A108

A55

Withdrawn 1937; Methods of Chemical Analysis of Alloy Steels; Replaced by E30

A56

Withdrawn 1972; Specification for Wrought Iron Crane Chain

A57

Withdrawn 1966; Specification for Multiple-Wear Wrought Steel Wheels; Replaced by A504

A58

Withdrawn 1943; Specification for Carbon-Steel Bars for Vehicle and General Purpose Springs; Replaced by A689

A59

Withdrawn 1966; Specification for Silicon-Manganese Steel Bars for Springs; Replaced by A689

A60

Withdrawn 1966; Specification for Chromium-Vanadium Steel Bars for Springs; Replaced by A689

A61

Withdrawn 1969; Specification for Deformed Rail Steel Bars for Concrete Reinforcement with 60,000 psi Minimum Yield Strength; Replaced by A616

A62

Withdrawn 1949; Specification for Steel Elliptical Springs

A63

Withdrawn 1941; Specification for Alloy Steel Forgings for Locomotives and Cars; Replaced by A237, A238

A64

Withdrawn 1937; Methods for Chemical Analysis of Steel, Cast Iron, Open-Hearth Iron, and Wrought Iron; Replaced by E30

A65-07(2013)

Specification for Steel Track Spikes, **01.04**

A66-07(2013)

Specification for Steel Screw Spikes, 01.04

A67-00(2010)

Specification for Steel Tie Plates, Low-Carbon and High-Carbon-Hot-Worked, 01.04

A68

Withdrawn 1975; Specification for Carbon Steel Bars for Springs; Replaced by A689

A69

Withdrawn 1927; Specification for Elliptical Steel Springs for Automobiles

A70

Withdrawn 1947; Specification for Low and Intermediate Tensile Strength Carbon-Steel; Replaced by A285

A71

Withdrawn 1937; Specification for Carbon Tool Steel

A72

Withdrawn 1972; Specification for Welded Wrought-Iron Pipe

A73

Withdrawn 1972; Specification for Wrought Iron Rolled or Forged Blooms and Forgings

A74-13a

Specification for Cast Iron Soil Pipe and Fittings, **01.02**

A75

Withdrawn 1921; Specification for Malleable Iron Castings; Replaced by A47

A76

Withdrawn 1981; Specification for Low-Carbon Steel Track Bolts and Nuts; Replaced by A183

A77

Withdrawn 1935; Specification for Electric Cast-Steel Stud-Link Anchor Chain

A78

Withdrawn 1947; Specification for Low Tensile Strength Carbon-Steel Plates of Structured Quality for Welding; Replaced by A283

A79

Withdrawn 1921; Specification for Staybolt Wrought Iron Solid; Replaced by A84



A80

Withdrawn 1927; Specification for Cold Finished Carbon-Steel Bars and Shafting; Replaced by A107, A108

A81

Withdrawn 1972; Specification for Wrought Iron A82/A82M

Withdrawn 2013; Specification for Steel Wire, Plain, for Concrete Reinforcement; Replaced by A1064

A83

Withdrawn 1967; Specification for Seamless Carbon Steel Boiler Tubes; Replaced by A192

A84

Withdrawn 1972; Specification for Staybolt Wrought Iron, Solid

A85

Withdrawn 1953; Specification for Common Iron Bars A86

Withdrawn 1963; Specification for Staybolt Wrought Iron, Hollow-Rolled

A87

Withdrawn 1947; Specification for Mild to Medium-Strength Carbon-Steel Castings for General Application; Replaced by A27

A88

Withdrawn 1933; Specification for High-Test Gray-Iron Castings; Replaced by A48

A89

Withdrawn 1947; Specification for Low-Tensile Strength Steel Plates of Flange Carbon-Qualities and Firebox; Replaced by A285

A90/A90M-13

Test Method for Weight Mass of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings, **01.06**

A91

Withdrawn 1940; Methods of Determining Weight of Casting on Tin, Terne, and Lead-Coated Sheets

A92

Withdrawn 1937; Specification for High-Speed Tool Steel

A93

Withdrawn 1965; Specification for Zinc-Coated Galvanized Iron or Steel Sheets, Boils, and Butt Lengths; Replaced by A525

A94

Withdrawn 1966; Specification for High Strength Structural Steel

A95

Withdrawn 1957; Specification for Carbon-Steel Castings for Valves, Flanges, and Fittings for High-Temperature Service; Replaced by A216

A96

Withdrawn 1965; Specification for Alloy-Steel Bolting Material for High-Temperature Service; Replaced by A193

A97

Withdrawn 1935; Specification for Tungsten Powder A98

Withdrawn 1992; Specification for Spiegeleisen

A99-03(2014)

Specification for Ferromanganese, **01.02**

A100-07(2012)

Specification for Ferrosilicon, 01.02

A101-04(2014)

Specification for Ferrochromium, 01.02

A102-04(2014)

Specification for Ferrovandium, 01.02

A103

Withdrawn 1939; Methods of Sampling Ferro-Alloys; Replaced by E32

A104

Withdrawn 1939; Methods of Chemical Analysis of Ferro-Alloys; Replaced by E31

A105/A105M-14

Specification for Carbon Steel Forgings for Piping Applications, **01.01**

A106/A106M-14

Specification for Seamless Carbon Steel Pipe for High-Temperature Service, 01.01

A107

Withdrawn 1968; Specification for Hot-Rolled Carbon Steel Bars; Replaced by A575, A576

A108-13

Specification for Steel Bar, Carbon and Alloy, Cold-Finished, **01.05**

A109M

Withdrawn 1998; Replaced by A109/A109M

A109/A109M-14

Specification for Steel, Strip, Carbon (0.25 Maximum Percent), Cold-Rolled, **01.03**

A110

Withdrawn 1936; Test Method for Weight of Coating on Zinc-Coated (Galvanized) Iron or Steel Articles; Replaced by A90

A111-99a(2014)

Specification for Zinc-Coated (Galvanized) "Iron" Telephone and Telegraph Line Wire, **01.06**

A112

Withdrawn 1990; Specification for Zinc-Coated (Galvanized) Steel Tie Wires

A113

Withdrawn 1979; Specification for Structural Steel for Locomotives and Cars

A114

Withdrawn 1940; Specification for Marine Boiler Steel Plates

A115

Withdrawn 1937; Specification for Alloy Tool Steel

A116-11

Specification for Metallic-Coated, Steel-Woven Wire Fence Fabric, **01.06**

A117

Withdrawn 1956; Specification for Zinc-Coated Iron or Steel Chain-Link Fence Fabric Galvanized After Wearing; Replaced by A392

A118

Withdrawn 1933; Specification for Zinc-Coated Iron or Steel Chain-Link Fence Fabric Galvanized Before Wearing

A119

Withdrawn 1943; Definitions of Terms Relating to Heat Treatment Metals; Replaced by E44

A120

Withdrawn 1987; Specification for Pipe, Steel, Black



and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless for Ordinary Uses; Replaced by A53

A121-13

Specification for Metallic-Coated Carbon Steel Barbed Wire, **01.06**

A122

Withdrawn 1963; Specification for Zinc-Coated Steel Wire Strand (Galvanized) and Class A Extra Galvanized; Replaced by A475

A123/A123M-13

Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products, **01.06**

A124

Withdrawn 1940; Specification for Arbitration Test Bar and Tension Test Specimen for Cast Iron

A125-96(2013)^{e1}

Specification for Steel Springs, Helical, Heat-Treated, **01.05**

A126-04(2014)

Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings, 01.02

A127

Withdrawn 1949; Definitions of Terms Relating to Magnetic Testing; Redesignated A340

A128/A128M-93(2012)

Specification for Steel Castings, Austenitic Manganese, **01.02**

A129

Withdrawn 1969; Specification for Open-Hearth Iron Plates for Pressure Vessels

A130

Withdrawn 1937; Methods for Chemical Analysis of Steel Cast Iron, Open-Hearth Iron, and Wrought Iron; Replaced by E30

A131/A131M-14

Specification for Structural Steel for Ships, **01.04**

A132-04(2014)

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A133

Withdrawn 1941; Specification for Alloy-Steel Forgings for Locomotives and Cars; Replaced by A237, A238

A134-96(2012)

Specification for Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over), **01.01**

A135/A135M-09(2014)

Specification for Electric-Resistance-Welded Steel Pipe, 01.01

A136

Withdrawn 1945; Specification for Forge-Welded Steel Pipe

A137

Withdrawn 1943; Specification for Lock-Bar Steel Pipe

A138

Withdrawn 1945; Specification for Riveted Steel and Wrought-Iron Pipe

A139/A139M-04(2010)

Specification for Electric-Fusion (Arc)-Welded Steel Pipe (NPS 4 and Over), **01.01**

A140

Withdrawn 1935; Specification for Steel for Bridges and Buildings

A141

Withdrawn 1967; Specification for Structural Rivet Steel; Replaced by A502

A142

Withdrawn 1977; Specification for Cast Iron Culvert Pipe; Replaced by A716

A143/A143M-07(2014)

Practice for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement, **01.06**

A144-04(2014)

Specification for Ferrotungsten, 01.02

A145

Withdrawn 1940; Specification for Low-Carbon Ferromolybdenum; Replaced by A132

A146-04(2014)

Specification for Molybdenum Oxide Products, **01.02**

A147

Withdrawn 1984; Specification for Heat-Treated Steel Leaf Springs

A148/A148M-08

Specification for Steel Castings, High Strength, for Structural Purposes, **01.02**

A149

Withdrawn 1940; Specification for High Tensile Strength Carbon-Steel Plates for Boilers and Other Pressure Vessel Plates (2 in.); Replaced by A212

A150

Withdrawn 1940; Specification for High Tensile Strength Carbon-Silicon Steel Plates for Boilers and Other Pressure Vessel; Replaced by A212

A151

Withdrawn 1938; Specification for Steel Suitable for Fusion Welding

A152

Withdrawn 1972; Specification for Wrought Iron Rivets and Rivet Rounds

A153/A153M-09

Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware, **01.06**

A154

Withdrawn 1936; Specification for Mild-to-Medium-Strength Carbon-Steel Castings for General Application; Replaced by A27, A180

A155

Withdrawn 1978; Specification for Electric-Fusion Welded Steel Pipe for High-Pressure Service; Replaced by A671, A672, A691

A156

Withdrawn 1936; Specification for Molybdenum Salts and Compounds; Combined with A 146

A157

Withdrawn 1953; Specification for Alloy-Steel Castings for Pressure Containing Parts Suitable for High-Temperature Service; Replaced by A217, A351

A158

Withdrawn 1953; Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service; Replaced by A335

A159-83(2011)

Specification for Automotive Gray Iron Castings, **01.02**

A160

Withdrawn 1969; Specification for Axle-Steel Bars for



Concrete Reinforcement; Replaced by A617
A161

Withdrawn 1999; Specification for Seamless Low-Carbon and Carbon-Molybdenum Steel Still Tubes for Refinery Service; Replaced by A192, A209

A162
Withdrawn 1973; Specification for Uncoated Wrought Iron Sheets

A163
Withdrawn 1972; Specification for Zinc-Coated (Galvanized) Wrought Iron Sheets

A164
Withdrawn 1981; Specification for Electrodeposited Coatings of Zinc on Steel; Replaced by B633

A165
Withdrawn 1988; Specification for Electrodeposited Coatings of Cadmium on Steel; Replaced by B766

A166
Withdrawn 1968; Specification for Electrodeposited Coatings of Nickel and Chromium on Steel; Replaced by B456

A167
Withdrawn 2014; Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip
A168

Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A169
Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A170
Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A171
Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A172
Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A173
Withdrawn 1954; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A174
Withdrawn 1940; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A175
Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A176
Withdrawn 2015; Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip; Replaced by A240

A177
Withdrawn 1989; Specification for High-Strength Stain-

less and Chromium-Nickel Steel Sheet and Strip; Replaced by A666

A178/A178M-02(2012)
Specification for Electric-Resistance-Welded Carbon Steel and Carbon-Manganese Steel Boiler and Superheater Tubes, 01.01

A179/A179M-90a(2012)
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A180

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A181/A181M-14
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A182/A182M-14b
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A183-14
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A184/A184M-06(2011)
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A185/A185M
Withdrawn 2013; Specification for Steel Welded Wire Reinforcement, Plain, for Concrete; Replaced by A1064
A186

Withdrawn 1966; Specification for One-Wear Wrought Steel Wheels; Replaced by A504

A187
Withdrawn 1943; Specification for Seamless Cold-Drawn Alloy-Steel (4 to 6 Percent Chromium) Heat Exchanger and Condenser Tubes

A188
Withdrawn 1943; Specification for Seamless Alloy-Steel (4 to 6 Percent Chromium) Still Tubes for Refinery Service

A189
Withdrawn 1972; Specification for Single and Double Refined Wrought Iron Bars

A190
Withdrawn 1962; Specification for Light Weight and Thin-Sectioned Gray Iron Castings

A191
Withdrawn 1942; Test Method for Uniformity of Coating by the Preece Test (Copper Sulfate Dip) on Zinc-Coated (Galvanized) Iron or Steel Articles; Replaced by A239

A192/A192M-02(2012)
Specification for Seamless Carbon Steel Boiler Tubes for High-Pressure Service, 01.01

A193/A193M-14
Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications, 01.01

A194/A194M-14a
Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both, 01.01

A195



Withdrawn; Specification for High-Strength Structural Rivet Steel; Replaced by A502

A196

Withdrawn 1962; Guidelines for Cast Iron

A197M

Withdrawn 1998; Replaced by A197/A197M

A197/A197M-00(2011)

Specification for Cupola Malleable Iron, **01.02**

A198

Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A199/A199M

Withdrawn 1995; Specification for Seamless Cold-Drawn Intermediate Alloy-Steel Heat-Exchanger and Condenser Tubes; Replaced by A213

A200

Withdrawn 1999; Specification for Seamless Intermediate Alloy-Steel Still Tubes for Refinery Service; Replaced by A213/A213M

A201

Withdrawn 1967; Specification for Carbon-Silicon Steel Plates of Intermediate Tensile Ranges for Fusion-Welded Boilers and Other Pressure Vessels; Replaced by A515, A516

A202/A202M

Withdrawn 2004; Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Manganese-Silicon

A203/A203M-12

Specification for Pressure Vessel Plates, Alloy Steel, Nickel, **01.04**

A204/A204M-12

Specification for Pressure Vessel Plates, Alloy Steel, Molybdenum, 01.04

A205

Withdrawn 1967; Specification for Iron and Steel Filler Metal (Arc-Welding Electrodes and Gas-Welding Rods); Replaced by A233, A251

A206

Withdrawn 1953; Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service; Replaced by A335

A207

Withdrawn 1972; Specification for Rolled Wrought Iron Shapes and Bars

A208

Withdrawn 1941; Method of Test for Uniformity of Coating by the Preece Test (Copper Sulfate Dip) on Zinc or Steel Articles; Replaced by A239

A209/A209M-03(2012)

Specification for Seamless Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, **01.01**

A210/A210M-02(2012)

Specification for Seamless Medium-Carbon Steel Boiler and Superheater Tubes, 01.01

A211

Withdrawn 1993; Specification for Spiral-Welded Steel or Iron Pipe

A212

Withdrawn 1967; Specification for High Tensile Strength Carbon-Silicon Steel Plates for Boilers and Other Pressure Vessels; Replaced by A515, A516

A213/A213M-14

Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes,

01.01

A214/A214M-96(2012)

Specification for Electric-Resistance-Welded Carbon Steel Heat-Exchanger and Condenser Tubes, 01.01 A215

Withdrawn 1947; Specification for Mild-to-Medium-Strength Carbon-Steel Castings for General Application; Replaced by A27

A216/A216M-14

Specification for Steel Castings, Carbon, Suitable for Fusion Welding, for High-Temperature Service, **01.02**

A217/A217M-14

Specification for Steel Castings, Martensitic Stainless and Alloy, for Pressure-Containing Parts, Suitable for High-Temperature Service, 01.02

A218

Withdrawn 1963; Specification for Zinc-Coated Steel Wire Strand (Class B and Class C Coatings); Replaced by A475

A219

Withdrawn 1972; Methods of Test for Local Thickness of Electrodeposited Coatings; Replaced by B244, B487, B499, B504, B529, B530

A220M

Withdrawn 1999; Replaced by A220/A220M

A220/A220M-99(2014)

Specification for Pearlitic Malleable Iron, **01.02**

A221

Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A222

Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A223

Withdrawn 1947; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium-Nickel Alloy Castings for General Application; Replaced by A296, A297

A224

Withdrawn 1969; Recommended Practice for Conducting Plant Corrosion Tests; Replaced by G4

A225/A225M-12

Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Vanadium-Nickel, **01.04**

A226/A226M

Withdrawn 1997; Specification for Electric-Resistance-Welded Carbon Steel Boiler and Superheater Tubes for High-Pressure Service

A227/A227M-06(2011)

Specification for Steel Wire, Cold-Drawn for Mechanical Springs, **01.03**

A228/A228M-14

Specification for Steel Wire, Music Spring Quality, 01.03

A229/A229M-12

Specification for Steel Wire, Quenched and Tempered for Mechanical Springs, 01.03

A230/A230M-05(2011)^{e1}



Specification for Steel Wire, Oil-Tempered Carbon Valve Spring Quality, 01.03

A231/A231M-10

Specification for Chromium-Vanadium Alloy Steel Spring Wire, 01.03

A232/A232M-05(2011)^{e1}

Specification for Chromium-Vanadium Alloy Steel Valve Spring Quality Wire, 01.03

A233

Withdrawn 1970; Specification for Mild Steel Covered Arc-Welding Electrodes

A234/A234M-14

Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service, **01.01**

A235

Withdrawn 1975; Specification for Carbon Steel Forgings for General Industrial Use; Replaced by A668

A236

Withdrawn 1981; Specification for Carbon Steel Forgings for Railway Use

A237

Withdrawn 1975; Specification for Alloy Steel Forgings for General Industrial Use; Replaced by A668

A238

Withdrawn 1989; Specification for Forgings, Alloy Steel, for Railway Use; Replaced by A730

A239-14

Practice for Locating the Thinnest Spot in a Zinc (Galvanized) Coating on Iron or Steel Articles, **01.06**

A240/A240M-14

Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications, 01.03

A241

Withdrawn 1979; Specification for Hot-Worked High-Carbon Steel Tie Plates; Replaced by A67

A242/A242M-13

Specification for High-Strength Low-Alloy Structural Steel, **01.04**

A243

Withdrawn 1975; Specification for Carbon and Alloy Steel Ring, Hollow Cylinder, and Disk Forgings for General Industrial Use; Replaced by A668

A244

Withdrawn 1947; Specification for Multiple-Wear Wrought Steel Wheels; Replaced by A504

A245

Withdrawn 1972; Specification for Flat-Rolled Carbon Steel Sheets of Structural Quality; Replaced by A570, A611

A246

Withdrawn 1958; Specification for Light Gage Structural Quality Flat Rolled Carbon-Steel Sheets; Replaced by A245

A247-10

Test Method for Evaluating the Microstructure of Graphite in Iron Castings, **01.02**

A248

Withdrawn 1972; Specification for Carbon-Steel and Alloy-Steel Blooms, Billets, and Slabs for Forgings; Replaced by A273, A274

A249/A249M-14a

Specification for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes, **01.01**

A250/A250M-05(2014)

Specification for Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes, 01.01

A251

Withdrawn 1970; Specification for Iron and Steel Gas-Welding Rods; Replaced by A251

A252-10

Specification for Welded and Seamless Steel Pipe Piles, **01.01**

A253

Withdrawn 1962; Specification for Welded and Seamless Open-Hearth Iron Pipe

A254/A254M-12

Specification for Copper-Brazed Steel Tubing, **01.01**

A255-10(2014)

Test Methods for Determining Hardenability of Steel, 01.05

A256

Withdrawn 1990; Method of Compression Testing of Cast Iron

A257

Withdrawn 1945; Methods of Permeability and Core Loss of Flat-Rolled Magnetic Materials using 28 cm Specimen; Replaced by A34

A258

Withdrawn 1945; Methods of Testing Magnetic Materials; Replaced by A34

A259

Withdrawn 1945; Methods of Testing Magnetic Materials; Replaced by A34

A260

Withdrawn 1966; Recommended Practice for Torsion Tests of Cast Iron

A261

Withdrawn 1959; Specification for Heat-Treated Carbon-Steel Bolting Material

A262-14

Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels, **01.03**

A263-12

Specification for Stainless Chromium Steel-Clad Plate, 01.04

A264-12

Specification for Stainless Chromium-Nickel Steel-Clad Plate, 01.04

A265-12

Specification for Nickel and Nickel-Base Alloy-Clad Steel Plate, 01.04

A266/A266M-13

Specification for Carbon Steel Forgings for Pressure Vessel Components, 01.05

A267

Withdrawn 1954; Specification for Lead Coating (Hot-Dip) on Iron or Steel Hardware

A268/A268M-10

Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service, **01.01**

A269/A269M-14^{e1}

Specification for Seamless and Welded Austenitic



Stainless Steel Tubing for General Service, 01.01
A270/A270M-14

Specification for Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing, 01.01

A271

Withdrawn 1999; Specification for Seamless Austenitic Chromium-Nickel Steel Still Tubes for Refinery Service; Replaced by A213/A213M

A272

Withdrawn 1945; Method of Magnetic Particle Testing and Inspection of Commercial Steel Castings; Replaced by E109

A273

Withdrawn 1975; Specification for Carbon-Steel Blooms, Billets, and Slabs for Forgings; Replaced by A711

A274

Withdrawn 1975; Specification for Alloy-Steel Blooms, Billets, and Slabs for Forgings; Replaced by A711

A275/A275M-08(2013)
Practice for Magnetic Particle Examination of Steel Forgings, **01.05**

A276-13a

Specification for Stainless Steel Bars and Shapes, 01.03

A277

Withdrawn 1952; Specification for Malleable Iron Flanges, Pipe Fittings, and Valve Parts for Railroad, Marine and Other Heavy Duty Service; Replaced by A338

A278M

Withdrawn 2001; Replaced by A278/A278M

A278/A278M-01(2011)

Specification for Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650°F (350°C), **01.02**

A279

Withdrawn 1945; Method of Total Immersion Corrosion Test of Stainless Steels; Replaced by G31

A280

Withdrawn 1953; Specification for Seamless Ferritic Alloy-Steel Pipe for Service at High Temperatures; Replaced by A335

A281

Withdrawn 1947; Specification for Mild to Medium Strength Carbon-Steel Castings for General Application; Replaced by A27

A282

Withdrawn 1945; Specification for High-Strength Steel Castings for Structural Purposes; Replaced by A148

A283/A283M-13

Specification for Low and Intermediate Tensile Strength Carbon Steel Plates, **01.04**

A284/A284M

Withdrawn 1992; Specification for Low and Intermediate Tensile Strength Carbon-Silicon Steel Plates for Machine Parts and General Construction; Replaced by A283/A283M

A285/A285M-12

Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength, **01.04**

A286

Withdrawn 1960; Specification for Heat-Treated Alloy-Steel Bars; Replaced by A434

A287

Withdrawn 1955; Specification for Rolled Carbon-Steel Locomotive Frames

A288-91(2013)

Specification for Carbon and Alloy Steel Forgings for Magnetic Retaining Rings for Turbine Generators, **01.05**

A289/A289M-97(2013)

Specification for Alloy Steel Forgings for Nonmagnetic Retaining Rings for Generators, 01.05

A290/A290M-05(2010)

Specification for Carbon and Alloy Steel Forgings for Rings for Reduction Gears, 01.05

A291/A291M-05(2010)

Specification for Steel Forgings, Carbon and Alloy, for Pinions, Gears and Shafts for Reduction Gears, 01.05

A292

Withdrawn 1968; Specification for Carbon and Alloy Steel Forgings for Turbine Generator Rotors and Shafts; Replaced by A469

A293

Withdrawn 1984; Specification for Steel Forgings, Carbon and Alloy, for Turbine Generator Rotors and Shafts; Replaced by A470

A294

Withdrawn 1988; Specification for Alloy Steel Forgings for Turbine Wheels and Disks; Replaced by A471

A295/A295M-14

Specification for High-Carbon Anti-Friction Bearing Steel, **01.05**

A296

Withdrawn 1980; Specification for Corrosion-Resistant Iron-Chromium and Iron-Chromium Nickel and Nickel-B Alloy Castings; Replaced by A743, A744

A297/A297M-14

Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat Resistant, for General Application, **01.02**

A298

Withdrawn 1970; Specification for Corrosion-Resistant Chromium and Chromium-Nickel Steel Covered Welding Electrodes; Replaced by A298

A299/A299M-09(2014)

Specification for Pressure Vessel Plates, Carbon Steel, Manganese-Silicon, **01.04**

A300

Withdrawn 1975; Specification for Notch Toughness Requirements for Normalized Steel Plates for Pressure Vessels

A301

Withdrawn 1956; Specification for Chromium-Molybdenum Steel Plates for Boilers and Other Pressure Vessels; Replaced by A387

A302/A302M-12

Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, **01.04**

A303

Withdrawn 1970; Specification for Hot-Rolled Carbon



Steel Strip of Structural Quality; Replaced by A570
A304-11

Specification for Carbon and Alloy Steel Bars Subject to End-Quench Hardenability Requirements, **01.05**

A305

Withdrawn 1968; Specification for Minimum Requirements for the Deformations of Deformed Steel Bars for Concrete Reinforcement; Replaced by A615, A616, A617
A306

Withdrawn 1975; Specification for Carbon Steel Bars Subject to Mechanical Property Requirements; Replaced by A663, A675
A307-14

Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength, **01.08**

A308/A308M-10

Specification for Steel Sheet, Terne (Lead-Tin Alloy) Coated by the Hot-Dip Process, 01.06

A309-01(2012)

Test Method for Weight and Composition of Coating on Terne Sheet by the Triple-Spot Test, 01.06

A310

Withdrawn 1949; Specification for Flat-Rolled Electrical Steel; Redesignated A345

A311/A311M-04(2010)

Specification for Cold-Drawn, Stress-Relieved Carbon Steel Bars Subject to Mechanical Property Requirements, **01.05**

A312/A312M-14b

Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes, 01.01

A313/A313M-13

Specification for Stainless Steel Spring Wire, 01.03

A314-13a

Specification for Stainless Steel Billets and Bars for Forging, 01.03

A315

Withdrawn 1952; Specification for Seamless Ferritic Alloy-Steel Pipe for Service at High Temperatures; Replaced by A335

A316

Withdrawn 1969; Specification for Low-Alloy Steel Covered Filler Metal Arc-Welding Electrodes

A317

Withdrawn 1975; Method of Macroetch Testing and Inspection of Steel Forgings; Replaced by E381

A318

Withdrawn 1976; Method of Tension Testing and Inspection of Steel Spring Wire; Replaced by A370

A319-71(2011)

Specification for Gray Iron Castings for Elevated Temperatures for Non-Pressure Containing Parts, **01.02**

A320/A320M-14

**Specification for Alloy-Steel and Stainless Steel Bolt-
ing for Low-Temperature Service, 01.01**

A321

Withdrawn 2007; Specification for Steel Bars, Carbon, Quenched and Tempered

A322-13

Specification for Steel Bars, Alloy, Standard Grades, **01.05**

A323-05(2010)

Specification for Ferroboron, 01.02

A324-08(2013)

Specification for Ferrotitanium, 01.02

A325-14

Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength, 01.08

A325M-14

Specification for Structural Bolts, Steel, Heat Treated 830 MPa Minimum Tensile Strength (Metric), 01.08

A326

Withdrawn 1990; Specification for Zinc-Coated (Galvanized) High Tensile Steel Telephone and Telegraph Line Wire

A327M

Withdrawn 2011; Test Methods for Impact Testing of Cast Irons (Metric); Replaced by A327

A327/A327M-11

Test Methods for Impact Testing of Cast Irons, **01.02**

A328/A328M-13a

Specification for Steel Sheet Piling, 01.04

A329

Withdrawn 1965; Specification for Heat-Treated Steel Tires; Replaced by A551

A330

Withdrawn 1954; Methods and Definition for Mechanical Testing of Steel Products; Replaced by A370

A331

Withdrawn 2004; Specification for Steel Bars, Alloy, Cold-Finished

A332

Withdrawn 1965; Specification for Nickel-Chromium-Molybdenum Steel Bars for Springs; Replaced by A689

A333/A333M-13

Specification for Seamless and Welded Steel Pipe for Low-Temperature Service and Other Applications with Required Notch Toughness, **01.01**

A334/A334M-04a(2010)

Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service, 01.01

A335/A335M-11

Specification for Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service, 01.01

A336/A336M-10a

Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts, 01.05

A337

Withdrawn 1955; Specification for Zinc-Coated Iron or Steel Chain-link Fence Fabric Galvanized before Weaving; Replaced by A392

A338-84(2014)

Specification for Malleable Iron Flanges, Pipe Fittings, and Valve Parts for Railroad, Marine, and Other Heavy Duty Service at Temperatures Up to 650°F (345°C),

01.02

A339

Withdrawn 1965; Specification for Iron Castings; Replaced by A536

A340-14

Terminology of Symbols and Definitions Relating to Magnetic Testing, **03.04**

A341/A341M-00(2011)^{c1}

Test Method for Direct Current Magnetic Properties of



Materials Using D-C Permeameters and the Ballistic Test Methods, 03.04

A342/A342M-14

Test Methods for Permeability of Weakly Magnetic Materials, 03.04

A343/A343M-14

Test Method for Alternating-Current Magnetic Properties of Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method and 25-cm Epstein Test Frame, 03.04

A344

Withdrawn 1977; Methods of Electrical and Mechanical Properties of Magnetic Materials; Replaced by A370, A712, A717, A718, A719, A720

A345-14

Specification for Flat-Rolled Electrical Steels for Magnetic Applications, **03.04**

A346

Withdrawn 1998; Test Method for Alternating-Current Magnetic Performance of Laminated Core Specimens Using the Dieterly Bridge Method

A347

Withdrawn 1996; Alternating Current Magnetic Properties of Materials Using the Dieterly Bridge Method with 25-cm Epstein Frame

A348/A348M-05(2011)

Test Method for Alternating Current Magnetic Properties of Materials Using the Wattmeter-Ammeter-Voltmeter Method, 100 to 10 000 Hz and 25-cm Epstein Frame, **03.04**

A349

Withdrawn 1984; Test Methods for Alternating-Current Magnetic Properties of Materials Using the Wattmeter-Ammeter-Voltmeter Method, 50 to 60 Hz and 50 cm Epstein Frame

A350/A350M-14

Specification for Carbon and Low-Alloy Steel Forgings, Requiring Notch Toughness Testing for Piping Components, **01.01**

A351/A351M-14

Specification for Castings, Austenitic, for Pressure-Containing Parts, 01.02

A352/A352M-06(2012)

Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing Parts, Suitable for Low-Temperature Service, 01.02

A353/A353M-09(2014)

Specification for Pressure Vessel Plates, Alloy Steel, Double-Normalized and Tempered 9 % Nickel, 01.04

A354-11

Specification for Quenched and Tempered Alloy Steel Bolts, Studs, and Other Externally Threaded Fasteners, 01.08

A355-89(2012)

Specification for Steel Bars, Alloys, for Nitriding, 01.05

A356/A356M-11

Specification for Steel Castings, Carbon, Low Alloy, and Stainless Steel, Heavy-Walled for Steam Turbines, 01.02

A357

Withdrawn 1973; Specification for Pressure Vessel

Plates, Alloy Steel, Five Percent Chromium, 0.5 percent Molybdenum; Replaced by A387

A358/A358M-14a

Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Stainless Steel Pipe for High-Temperature Service and General Applications, **01.01**

A359

Withdrawn 1954; Methods and Definitions for Mechanical Testing of Structural Steel; Replaced by A370

A360

Withdrawn 1993; Method of Testing Chilled and White Iron Castings

A360M

Withdrawn 1993; Method of Testing Chilled and White Iron Castings [Metric]

A361/A361M

Withdrawn 1995; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process for Roofing and Siding

A362

Withdrawn 1977; Specification for Iron-Chromium and Iron-Chromium-Nickel Alloy Tubular Centrifugal Castings for General Applications

A363-03(2014)

Specification for Zinc-Coated (Galvanized) Steel Overhead Ground Wire Strand, **01.06**

A364

Withdrawn 1959; Specification for Cold-Finished Heat-Treated Alloy-Steel Bars; Replaced by A434

A365

Withdrawn 1968; Specification for Cold-Rolled Carbon Steel, Drawing Quality, and Special Killed; Replaced by A619, A620

A366/A366M

Withdrawn 2000; Specification for Commercial Steel (CS) Sheet, Carbon, (0.15 Maximum Percent) Cold-Rolled; Replaced by A1008/A1008M

A367-11

Test Methods of Chill Testing of Cast Iron, **01.02**

A368-95a(2013)

Specification for Stainless Steel Wire Strand, 01.03

A369/A369M-11

Specification for Carbon and Ferritic Alloy Steel Forged and Bored Pipe for High-Temperature Service, 01.01

A370-14

Test Methods and Definitions for Mechanical Testing of Steel Products, 01.01, 01.02, 01.03, 01.04, 01.05

A371

Withdrawn 1969; Specification for Corrosion-Resisting Chromium and Chromium-Nickel Steel Welding Rods and Bare Electrodes

A372/A372M-13

Specification for Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels, **01.05**

A373

Withdrawn 1966; Specification for Structural Steel for Welding; Combined with A 36

A374

Withdrawn 1971; Specification for High-Strength Low-Alloy Cold-Rolled Steel Sheets and Strip; Replaced by A606, A607



A375

Withdrawn 1971; Specification for High-Strength Low-Alloy Hot-Rolled Steel Sheets and Strip; Replaced by A606, A607

A376/A376M-14

Specification for Seamless Austenitic Steel Pipe for High-Temperature Service, **01.01**

A377-03(2014)

Index of Specifications for Ductile-Iron Pressure Pipe, 01.02

A378

Withdrawn 1955; Specification for Flat-Rolled Electrical Steel; Replaced by A345

A379

Withdrawn 1955; Specification for Flat-Rolled Electrical Steel; Replaced by A345

A380/A380M-13

Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems, **01.03**

A381-96(2012)

Specification for Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems, 01.01

A382

Withdrawn 1971; Specification for Cold-Drawn Wrought Iron Heat-Exchanger and Condenser Tubes

A383

Withdrawn 1996; Specification for Axles, Railway, Carbon Steel, Untreated for Export and General Industrial Use

A384/A384M-07(2013)

Practice for Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies, **01.06**

A385/A385M-11

Practice for Providing High-Quality Zinc Coatings (Hot-Dip), 01.06

A386

Withdrawn 1984; Specification for Zinc Coating (Hot-Dip) on Assembled Steel Products; Combined with A 123 A387/A387M-11

Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum, **01.04**

A388/A388M-11

Practice for Ultrasonic Examination of Steel Forgings, 01.05

A389/A389M-13

Specification for Steel Castings, Alloy, Specially Heat-Treated, for Pressure-Containing Parts, Suitable for High-Temperature Service, 01.02

A390-06(2011)

Specification for Zinc-Coated (Galvanized) Steel Poultry Fence Fabric (Hexagonal and Straight Line), 01.06

A391/A391M-07(2012)

Specification for Grade 80 Alloy Steel Chain, 01.05

A392-11a

Specification for Zinc-Coated Steel Chain-Link Fence Fabric, 01.06

A393

Withdrawn 1974; Recommended Practice for Conducting Acidified Copper Sulfate Test for Intergranular Attack in Austenitic Stainless Steel; Replaced by A262

A394-08^{e1}

Specification for Steel Transmission Tower Bolts, Zinc-Coated and Bare, **01.08**

A395M

Withdrawn 1988; Replaced by A395/A395M

A395/A395M-99(2014)

Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures, **01.02**

A396

Withdrawn 1965; Specification for High-Strength Ductile Iron Castings; Replaced by A536

A397

Withdrawn 1958; Specification for High Tensile Strength Carbon-Manganeses Steel Plates for Unfired Pressure Vessels

A398

Withdrawn 1969; Specification for Welding Rods and Covered Electrodes for Welding Cast Iron

A399

Withdrawn 1969; Specification for Surfacing Welding Rods and Electrodes

A400-69(2012)

Practice for Steel Bars, Selection Guide, Composition, and Mechanical Properties, **01.05**

A401/A401M-10

Specification for Steel Wire, Chromium-Silicon Alloy, 01.03

A402

Withdrawn 1958; Specification for Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings, and Valves and Parts Specially Heat Treated for High-Temperature Service

A403/A403M-14

Specification for Wrought Austenitic Stainless Steel Piping Fittings, **01.01**

A404

Withdrawn 1975; Specification for Forged or Rolled Alloy Steel Pipe Flanges, Forged Fittings, and Valves and Parts Specially Heat Treated for High-Temperature Service

A405

Withdrawn 1995; Specification for Seamless Ferritic Alloy-Steel Pipe Specially Heat Treated for High-Temperature Service

A406

Withdrawn 1965; Specification for High-Strength Structural Alloy Rivet Steel

A407-07(2013)

Specification for Steel Wire, Cold-Drawn, for Coiled-Type Springs, **01.03**

A407M

Withdrawn 1989; Specification for Steel Wire, Cold-Drawn, for Coiled-Type Springs [Metric]

A408

Withdrawn 1968; Specification for Special Large Size Deformed Billet-Steel Bars for Concrete Reinforcement; Replaced by A615

A409/A409M-14

Specification for Welded Large Diameter Austenitic Steel Pipe for Corrosive or High-Temperature Service, **01.01**

A410

Withdrawn 1976; Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Copper-Nickel-Aluminum



A411-08(2013)

Specification for Zinc-Coated (Galvanized) Low-Carbon Steel Armor Wire, **01.06**

A412

Withdrawn 1989; Specification for Stainless and Heat-Resisting Chromium-Nickel-Manganese Steel Plate, Sheet, and Strip

A413/A413M-07(2012)

Specification for Carbon Steel Chain, **01.05**

A414/A414M-14

Specification for Steel, Sheet, Carbon, and High-Strength, Low-Alloy for Pressure Vessels, 01.03

A415

Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Sheets, Commercial Quality; Replaced by A569

A416/A416M-12a

Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete, **01.04**

A417

Withdrawn 2008; Specification for Steel Wire, Cold-Drawn, for Zig-Zag, Square-Formed, and Sinuous-Type Upholstery Spring Units

A417M

Withdrawn 1989; Specification for Steel Wire, Cold-Drawn, for Zig-Zag Square-Formed, and Sinuous-Type Upholstery Spring Units [Metric]

A418/A418M-10

Practice for Ultrasonic Examination of Turbine and Generator Steel Rotor Forgings, **01.05**

A419

Withdrawn 1971; Specification for Electric-Fusion (Arc)-Welded Wrought Iron Plate pipe

A420/A420M-14

Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service, **01.01**

A421/A421M-10

Specification for Uncoated Stress-Relieved Steel Wire for Prestressed Concrete, 01.04

A422

Withdrawn 1994; Specification for Butt Welds in Still Tubes for Refinery Service

A423/A423M-09(2014)

Specification for Seamless and Electric-Welded Low-Alloy Steel Tubes, **01.01**

A424/A424M-09a

Specification for Steel, Sheet, for Porcelain Enameling, 01.03

A425

Withdrawn 1970; Specification for Hot-Rolled Carbon Steel Strip, Commercial Quality; Replaced by A569

A426/A426M-13

Specification for Centrifugally Cast Ferritic Alloy Steel Pipe for High-Temperature Service, **01.01, 01.02**

A427/A427M-10

Specification for Wrought Alloy Steel Rolls for Cold and Hot Reduction, 01.05

A428/A428M-10(2014)

Test Method for Weight Mass of Coating on Aluminum-Coated Iron or Steel Articles, 01.06

A429

Withdrawn 1976; Specification for Hot- and Cold-Finished Bars of Stainless and Heat-Resisting Chromium-

Nickel-Manganese Steel; Replaced by A276

A430/A430M

Withdrawn 1995; Specification for Austenitic Steel Forged and Bored Pipe for High-Temperature Service; Replaced by A312/A312M

A431

Withdrawn 1968; Specification for High-Strength Deformed Billet-Steel Bars for Concrete Reinforcement with 75,000 psi Minimum Yield Strength; Replaced by A615

A432

Withdrawn 1968; Specification for Deformed Billet Steel Bars for Concrete Reinforcement with 60,000 psi Minimum Yield Point; Replaced by A615

A433

Withdrawn 1972; Specification for Leaded, Carbon Steel Plates for Pressure Vessels

A434-06(2012)

Specification for Steel Bars, Alloy, Hot-Wrought or Cold-Finished, Quenched and Tempered, **01.05**

A435/A435M-90(2012)

Specification for Straight-Beam Ultrasonic Examination of Steel Plates, 01.04

A436-84(2011)

Specification for Austenitic Gray Iron Castings, 01.02

A437/A437M-12

Specification for Stainless and Alloy-Steel Turbine-Type Bolting Specially Heat Treated for High-Temperature Service, 01.01

A438

Withdrawn 2003; Test Method for Transverse Testing of Gray Cast Iron

A439-83(2009)

Specification for Austenitic Ductile Iron Castings, **01.02**

A440

Withdrawn 1979; Specification for High-Strength Structural Steel

A441/A441M

Withdrawn 1989; Specification for High-Strength Low-Alloy Structural Manganese Vanadium Steel; Replaced by A572/A572M

A442/A442M

Withdrawn 1991; Specification for Pressure Vessel Plates, Carbon Steel, Improved Transition Properties

A443

Withdrawn 1966; Method of Notch Toughness of Turbine and Generator Steel Forgings; Combined with A 370

A444/A444M

Withdrawn 1995; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

Withdrawn 1974; Specification for Ferritic Iron Castings for Valves, Flanges, Pipe Fittings, and Other Piping Components; Replaced by A395

A447/A447M-11

Specification for Steel Castings, Chromium-Nickel-Iron Alloy (25-12 Class), for High-Temperature Service, **01.02**

A448

Withdrawn 1976; Specification for Nickel-Chromium-Iron Alloy Castings (35-15 Class) for High-Temperature Service



A449-14

Specification for Hex Cap Screws, Bolts and Studs, Steel, Heat Treated, 120/105/90 ksi Minimum Tensile Strength, General Use, **01.08**

A450/A450M-10

Specification for General Requirements for Carbon and Low Alloy Steel Tubes, 01.01

A451/A451M-06(2010)

Specification for Centrifugally Cast Austenitic Steel Pipe for High-Temperature Service, 01.01, 01.02

A452

Withdrawn 1995; Specification for Centrifugally Cast Austenitic Steel Cold-Wrought Pipe for High-Temperature Service

A453/A453M-12

Specification for High-Temperature Bolting, with Expansion Coefficients Comparable to Austenitic Stainless Steels, **01.01**

A454

Withdrawn 1980; Specification for Steel Conveyor Chain

A455/A455M-12a

Specification for Pressure Vessel Plates, Carbon Steel, High-Strength Manganese, **01.04**

A456/A456M-08(2013)

Specification for Magnetic Particle Examination of Large Crankshaft, 01.05

A457

Withdrawn 1990; Specification for Hot-Worked, Hot-Cold-Worked, and Cold-Worked Alloy Steel Plate, Sheet, and Strip for High Strength at Elevated Temperatures

A458

Withdrawn 1991; Specification for Hot-Worked, Hot-Cold-Worked, and Cold-Worked Alloy Steel Bars for High Strength at Elevated Temperatures

A459-08(2013)

Specification for Zinc-Coated Flat Steel Armoring Tape, **01.06**

A460-11

Specification for Copper-Clad Steel Wire Strand, 01.06

A461

Withdrawn 1971; Specification for Precipitation Hardening Alloy Bars, Forgings, and Forging Stock for High-Temperature Service; Replaced by A564, A637, A638, A639

A462

Withdrawn 1970; Method for Liquid Penetrant Inspection of Steel Forgings; Replaced by E165

A463/A463M-10

Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process, **01.06**

A464

Withdrawn 1968; Recommended Practice for Use of Magnetic Type Instruments for Measurement of Thickness of Hot-Dip Zinc Coatings on Iron and Steel; Replaced by A376

A465

Withdrawn 1975; Specification for Leaded Carbon Steel Forged Pipe Flanges and Parts for Pressure and General Service

A466/A466M-07(2012)

Specification for Weldless Chain, **01.05**

A467/A467M-07(2012)

Specification for Machine and Coil Chain, 01.05

A468

Withdrawn 1969; Method of Normal Magnetic Induction Characteristics of Carbon and Alloy Steel Generator Rotor Forgings; Replaced by A6, A341

A469/A469M-07(2012)

Specification for Vacuum-Treated Steel Forgings for Generator Rotors, **01.05**

A470/A470M-05(2010)

Specification for Vacuum-Treated Carbon and Alloy Steel Forgings for Turbine Rotors and Shafts, 01.05

A471/A471M-09(2014)

Specification for Vacuum-Treated Alloy Steel Forgings for Turbine Rotor Disks and Wheels, 01.05

A472/A472M-07(2012)

Specification for Heat Stability of Steam Turbine Shafts and Rotor Forgings, 01.05

A473-13

Specification for Stainless Steel Forgings, 01.05

A474-03(2013)

Specification for Aluminum-Coated Steel Wire Strand, 01.06

A475-03(2014)

Specification for Zinc-Coated Steel Wire Strand, 01.06

A476M

Withdrawn 2000; Replaced by A476/A476M

A476/A476M-00(2014)

Specification for Ductile Iron Castings for Paper Mill Dryer Rolls, **01.02**

A477

Withdrawn 1991; Specification for Hot-Worked, Hot-Cold Worked and Cold-Worked Alloy Steel Forgings and Forging Billets for High Strength at Elevated Temperatures

A478-97(2013)

Specification for Chromium-Nickel Stainless Steel Weaving and Knitting Wire, **01.03**

A479/A479M-14

Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels, 01.03

A480/A480M-14b

Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip, 01.03

A481-05(2010)

Specification for Chromium Metal, 01.02

A482/A482M-11

Specification for Ferrochrome-Silicon, 01.02

A483/A483M-10

Specification for Silicomanganese, 01.02

A484/A484M-14a

Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings, 01.03

A485-14

Specification for High Hardenability Antifriction Bearing Steel, 01.05

A486/A486M

Withdrawn 1989; Specification for Steel Castings for Highway Bridges

A487/A487M-14



Specification for Steel Castings Suitable for Pressure Service, **01.02**

A488/A488M-12

Practice for Steel Castings, Welding, Qualifications of Procedures and Personnel, **01.02**

A489-12

Specification for Carbon Steel Lifting Eyes, **01.08**
A490-14a

Specification for Structural Bolts, Alloy Steel, Heat Treated, 150 ksi Minimum Tensile Strength, **01.08**

A490M-14a

Specification for High-Strength Steel Bolts, Classes 10.9 and 10.9.3, for Structural Steel Joints (Metric), **01.08**

A491-11

Specification for Aluminum-Coated Steel Chain-Link Fence Fabric, **01.06**

A492-95(2013)

Specification for Stainless Steel Rope Wire, **01.03**

A493-09(2013)

Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging, **01.03**

A494/A494M-14a

Specification for Castings, Nickel and Nickel Alloy, **01.02**

A495-06(2010)

Specification for Calcium-Silicon Alloys, **01.02**

A496/A496M

Withdrawn 2013; Specification for Steel Wire, Deformed, for Concrete Reinforcement; Replaced by A1064

A497/A497M

Withdrawn 2013; Specification for Steel Welded Wire Reinforcement, Deformed, for Concrete; Replaced by A1064

A498/A498M-14

Specification for Seamless and Welded Carbon Steel Heat-Exchanger Tubes with Integral Fins, **01.01**

A499-89(2008)

Specification for Steel Bars and Shapes, Carbon Rolled from "T" Rails, **01.05**

A500/A500M-13

Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes, **01.01**

A501/A501M-14

Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing, **01.01**

A502-03(2009)

Specification for Rivets, Steel, Structural, **01.08**

A503/A503M-01(2011)

Specification for Ultrasonic Examination of Forged Crankshafts, **01.05**

A504/A504M-14

Specification for Wrought Carbon Steel Wheels, **01.05**
A505-12

Specification for Steel, Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, **01.03**

A506-12

Specification for Alloy and Structural Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled, **01.03**

A507-12

Specification for Drawing Alloy Steel, Sheet and Strip, Hot-Rolled and Cold-Rolled, **01.03**

A508/A508M-14

Specification for Quenched and Tempered Vacuum-Treated Carbon and Alloy Steel Forgings for Pressure Vessels, **01.05**

A509

Withdrawn 1983; Definition of Terms Relating to Steel Forgings; Replaced by A788

A510M

Withdrawn 2012; Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel (Metric); Replaced by A510

A510/A510M-13

Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel, and Alloy Steel, **01.03**

A511/A511M-12

Specification for Seamless Stainless Steel Mechanical Tubing, **01.01**

A512-06(2012)

Specification for Cold-Drawn Buttweld Carbon Steel Mechanical Tubing, **01.01**

A513/A513M-14

Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing, **01.01**

A514/A514M-14

Specification for High-Yield-Strength, Quenched and Tempered Alloy Steel Plate, Suitable for Welding, **01.04**

A515/A515M-10

Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service, **01.04**

A516/A516M-10

Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service, **01.04**

A517/A517M-10

Specification for Pressure Vessel Plates, Alloy Steel, High-Strength, Quenched and Tempered, **01.04**

A518M

Withdrawn 1999; Replaced by A518/A518M

A518/A518M-99(2012)

Specification for Corrosion-Resistant High-Silicon Iron Castings, **01.02**

A519-06(2012)

Specification for Seamless Carbon and Alloy Steel Mechanical Tubing, **01.01**

A520

Withdrawn 2000; Specification for Supplementary Requirements for Seamless and Electric-Resistance-Welded Carbon Steel Tubular Products for High-Temperature Service Conforming to ISO Recommendations for Boiler Construction

A521/A521M-06(2011)

Specification for Steel, Closed-Impression Die Forgings for General Industrial Use, **01.05**

A522/A522M-14

Specification for Forged or Rolled 8 and 9% Nickel Alloy Steel Flanges, Fittings, Valves, and Parts for



Low-Temperature Service, 01.01

A523-96(2012)

Specification for Plain End Seamless and Electric-Resistance-Welded Steel Pipe for High-Pressure Pipe-Type Cable Circuits, 01.01

A524-96(2012)

Specification for Seamless Carbon Steel Pipe for Atmospheric and Lower Temperatures, 01.01

A525

Withdrawn 1994; Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process; Replaced by A653/A653M, A924/A924M

A525M

Withdrawn 1994; Specification for General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process; Replaced by A653/A653M, A924/A924M

A526/A526M

Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality; Replaced by A653/A653M, A924/A924M

A527/A527M

Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Lock-Forming Quality; Replaced by A653/A653M, A924/A924M

A528/A528M

Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Drawing Quality; Replaced by A653/A653M, A924/A924M

A529/A529M-14

Specification for High-Strength Carbon-Manganese Steel of Structural Quality, 01.04

A530/A530M-12

Specification for General Requirements for Specialized Carbon and Alloy Steel Pipe, 01.01

A531/A531M-13

Practice for Ultrasonic Examination of Turbine-Generator Steel Retaining Rings, 01.05

A532/A532M-10(2014)

Specification for Abrasion-Resistant Cast Irons, 01.02

A533/A533M-09(2014)

Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered, Manganese-Molybdenum and Manganese-Molybdenum-Nickel, 01.04

A534-14

Specification for Carburizing Steels for Anti-Friction Bearings, 01.05

A535

Withdrawn 1998; Specification for Special-Quality Ball and Roller Bearing Steel

A536-84(2014)

Specification for Ductile Iron Castings, 01.02

A537/A537M-13

Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel, 01.04

A538/A538M

Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, Precipitation Hardening (Maraging), 18 Percent Nickel

A539

Withdrawn 2004; Specification for Electric-Resistance-

Welded Coiled Steel Tubing for Gas and Fuel Oil Lines

A540/A540M-11

Specification for Alloy-Steel Bolting for Special Applications, 01.01

A541/A541M-05(2010)

Specification for Quenched and Tempered Carbon and Alloy Steel Forgings for Pressure Vessel Components, 01.05

A542/A542M-13

Specification for Pressure Vessel Plates, Alloy Steel, Quenched-and-Tempered, Chromium-Molybdenum, and Chromium-Molybdenum-Vanadium, 01.04

A543/A543M-09(2014)

Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered Nickel-Chromium-Molybdenum, 01.04

A544

Withdrawn 1991; Specification for Steel Wire, Carbon, Scrapless Nut Quality

A545

Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Machine Screws

A546

Withdrawn 1991; Specification for Steel Wire, Medium-High-Carbon, Cold-Heading Quality, for Hexagon-Head Bolts

A547

Withdrawn 1991; Specification for Steel Wire, Alloy, Cold-Heading Quality, for Hexagon-Head Bolts

A548

Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Tapping or Sheet Metal Screws

A549

Withdrawn 1991; Specification for Steel Wire, Carbon, Cold-Heading Quality, for Wood Screws

A550-06(2010)

Specification for Ferrocolumbium, 01.02

A551/A551M-08(2013)

Specification for Carbon Steel Tires for Railway and Rapid Transit Applications, 01.05

A552

Withdrawn 1974; Specification for Alloy Steel Bars for Springs; Replaced by A689

A553/A553M-14

Specification for Pressure Vessel Plates, Alloy Steel, Quenched and Tempered 7, 8, and 9 % Nickel, 01.04

A554-14

Specification for Welded Stainless Steel Mechanical Tubing, 01.01

A555/A555M-05(2014)

Specification for General Requirements for Stainless Steel Wire and Wire Rods, 01.03

A556/A556M-96(2012)

Specification for Seamless Cold-Drawn Carbon Steel Feedwater Heater Tubes, 01.01

A557/A557M

Withdrawn 1995; Specification for Electric-Resistance-Welded Carbon Steel Feedwater Heater Tubes; Replaced by A178

A558

Withdrawn 1969; Specification for Bare Mild Steel Electrodes and Fluxes for Submerged Arc Welding



A559

Withdrawn 1969; Specification for Mild Steel Electrodes for Gas Metal-Arc Welding

A560/A560M-12

Specification for Castings, Chromium-Nickel Alloy, 01.02

A561-08(2014)

Practice for Macroetch Testing of Tool Steel Bars, 01.05

A562/A562M-10

Specification for Pressure Vessel Plates, Carbon Steel, Manganese-Titanium for Glass or Diffused Metallic Coatings, 01.04

A563-07a(2014)

Specification for Carbon and Alloy Steel Nuts, 01.08

A563M-07(2013)

Specification for Carbon and Alloy Steel Nuts (Metric), 01.08

A564/A564M-13

Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes, 01.03

A565/A565M-10

Specification for Martensitic Stainless Steel Bars for High-Temperature Service, 01.03

A566

Withdrawn 1984; Test Method for Alternating-Current Magnetic Properties of Materials Using the Alternating Current Potentiometer and 25-cm Epstein frame

A567/A567M

Withdrawn 1987; Specification for Castings, Iron, Cobalt, and Nickel-Base Alloy, for High Strength at Elevated Temperatures

A568M

Withdrawn 1991; Replaced by A568/A568M

A568/A568M-14

Specification for Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for, 01.03

A569/A569M

Withdrawn 2000; Specification for Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial; Replaced by A1011/A1011M

A570/A570M

Withdrawn 2000; Specification for Structural Steel, Sheet and Strip, Carbon, Hot-Rolled; Replaced by A1011/A1011M

A571M

Withdrawn 2001; Replaced by A571/A571M

A571/A571M-01(2011)

Specification for Austenitic Ductile Iron Castings for Pressure-Containing Parts Suitable for Low-Temperature Service, 01.02

A572/A572M-13a

Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel, 01.04

A573/A573M-13

Specification for Structural Carbon Steel Plates of Improved Toughness, 01.04

A574-13

Specification for Alloy Steel Socket-Head Cap Screws, 01.08

A574M-12

Specification for Alloy Steel Socket-Head Cap Screws

(Metric), 01.08

A575-96(2013)^{e1}

Specification for Steel Bars, Carbon, Merchant Quality, M-Grades, 01.05

A576-90b(2012)

Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, 01.05

A577/A577M-90(2012)

Specification for Ultrasonic Angle-Beam Examination of Steel Plates, 01.04

A578/A578M-07(2012)

Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications, 01.04

A579/A579M-04a(2014)

Specification for Superstrength Alloy Steel Forgings, 01.05

A580/A580M-14

Specification for Stainless Steel Wire, 01.03

A581/A581M-95b(2014)

Specification for Free-Machining Stainless Steel Wire and Wire Rods, 01.03

A582/A582M-12^{e1}

Specification for Free-Machining Stainless Steel Bars, 01.03

A583

Withdrawn 2004; Specification for Cast Steel Wheels for Railway Service

A584

Withdrawn 2002; Specification for Aluminum-Coated Steel Woven Wire Fence Fabric; Replaced by A116

A585

Withdrawn 2002; Specification for Aluminum-Coated Steel Barbed Wire; Replaced by A121

A586-04a(2014)

Specification for Zinc-Coated Parallel and Helical Steel Wire Structural Strand, 01.06

A587-96(2012)

Specification for Electric-Resistance-Welded Low-Carbon Steel Pipe for the Chemical Industry, 01.01

A588/A588M-10

Specification for High-Strength Low-Alloy Structural Steel, up to 50 ksi 345 MPa Minimum Yield Point, with Atmospheric Corrosion Resistance, 01.04

A589/A589M-06(2012)

Specification for Seamless and Welded Carbon Steel Water-Well Pipe, 01.01

A590

Withdrawn 1984; Specification for Pressure Vessel Plates, Alloy Steel, Precipitation Hardening (Maraging) 12 Percent Nickel

A591/A591M

Withdrawn 2005; Specification for Steel Sheet, Electrolytic Zinc-Coated, for Light Coating Weight Applications; Replaced by A879/A879M

A592/A592M-10

Specification for High-Strength Quenched and Tempered Low-Alloy Steel Forged Parts for Pressure Vessels, 01.05

A593

Withdrawn 1976; Specification for Charpy V-Notch Testing Requirements for Steel Plates for Pressure Vessel



A594

Withdrawn 1986; Specification for Carbon Steel Forgings with Special Magnetic Characteristics

A595/A595M-14

Specification for Steel Tubes, Low-Carbon or High-Strength Low-Alloy, Tapered for Structural Use, **01.01**

A596/A596M-14

Test Method for Direct-Current Magnetic Properties of Materials Using the Ballistic Method and Ring Specimens, 03.04

A597/A597M-14

Specification for Cast Tool Steel, **01.05**

A598/A598M-02(2007)

Test Method for Magnetic Properties of Magnetic Amplifier Cores, 03.04

A599/A599M-07(2012)

Specification for Tin Mill Products, Electrolytic Tin-Coated, Cold-Rolled Sheet, 01.06

A600-92a(2010)

Specification for Tool Steel High Speed, **01.05**

A601/A601M-10

Specification for Electrolytic Manganese Metal, **01.02**

A602-94(2014)

Specification for Automotive Malleable Iron Castings, 01.02

A603-98(2014)

Specification for Zinc-Coated Steel Structural Wire Rope, 01.06

A604/A604M-07(2012)

Practice for Macroetch Testing of Consumable Electrode Remelted Steel Bars and Billets, 01.05

A605/A605M

Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, Quenched-and-Tempered Nickel-Cobalt-Molybdenum-Chromium

A606/A606M-09a

Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance, **01.03**

A607

Withdrawn 2000; Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled and Cold-Rolled; Replaced by A1008/A1008M, A1011/A1011M

A608/A608M-14

Specification for Centrifugally Cast Iron-Chromium-Nickel High-Alloy Tubing for Pressure Application at High Temperatures, **01.02**

A609/A609M-12

Practice for Castings, Carbon, Low-Alloy, and Martensitic Stainless Steel, Ultrasonic Examination Thereof, 01.02

A610-79(2014)

Test Methods for Sampling and Testing Ferroalloys for Determination of Size, 01.02

A611

Withdrawn 2000; Specification for Structural Steel (SS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M

A612/A612M-12

Specification for Pressure Vessel Plates, Carbon Steel, High Strength, for Moderate and Lower Temperature Service, **01.04**

A613

Withdrawn 1984; Specification for Special Requirements for Steel Castings for Nuclear and Other Special Applications

A614

Withdrawn 1987; Specification for Special Requirements for Bolting Material for Nuclear and Other Special Applications

A615/A615M-14

Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement, **01.04**

A618/A618M-04(2010)

Specification for Hot-Formed Welded and Seamless High-Strength Low-Alloy Structural Tubing, 01.01

A619/A619M

Withdrawn 1997; Specification for Non-Killed Forming Steel (NKFS) Sheet, Carbon, Cold-Rolled

A620/A620M

Withdrawn 2000; Specification for Drawing Steel (DS) Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M

A621/A621M

Withdrawn 1997; Specification for Forming Steel (FS) Sheet and Strip, Carbon, Hot-Rolled

A622/A622M

Withdrawn 2000; Specification for Drawing Steel (DS), Sheet and Strip, Carbon, Hot-Rolled; Replaced by A1011/A1011M

A623-11

Specification for Tin Mill Products, General Requirements, **01.06**

A623M-11

Specification for Tin Mill Products, General Requirements Metric, 01.06

A624M

Withdrawn 1995; Replaced by A624/A624M

A624/A624M-13

Specification for Tin Mill Products, Electrolytic Tin Plate, Single Reduced, **01.06**

A625M

Withdrawn 1992; Replaced by A625/A625M

A625/A625M-13

Specification for Tin Mill Products, Black Plate, Single-Reduced, **01.06**

A626M

Withdrawn 1995; Replaced by A626/A626M

A626/A626M-13

Specification for Tin Mill Products, Electrolytic Tin Plate, Double Reduced, **01.06**

A627-03(2011)

Test Methods for Tool-Resisting Steel Bars, Flats, and Shapes for Detention and Correctional Facilities, 15.08

A628

Withdrawn 1982; Specification for Tool-Resisting Composite Steel Plates for Security Applications

A629

Withdrawn 2004; Specification for Tool-Resisting Steel Flat Bars and Shapes for Security Applications; Replaced by A627

A630-03(2014)

Test Methods for Determination of Tin Coating Weights for Electrolytic Tin Plate, **01.06**

**A631**

Withdrawn 1993; Specification for Cast Steel Wheels for Electrical Railway Service; Replaced by A583 A632-04(2014)

Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service, **01.01**

A633/A633M-13

Specification for Normalized High-Strength Low-Alloy Structural Steel Plates, 01.04

A634

Withdrawn 1978; Specification for Steel Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, Aircraft Quality A635M

Withdrawn 1990; Replaced by A635/A635M A635/A635M-14

Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Alloy, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability, General Requirements for, **01.03**

A636-08(2013)

Specification for Nickel Oxide Sinter, 01.02

A637

Redesignated 1981 - B637; Specification for Precipitation Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service

A638/A638M-10

Specification for Precipitation Hardening Iron Base Superalloy Bars, Forgings, and Forging Stock for High-Temperature Service, **01.03**

A639

Redesignated 1980 - B639; Specification for Precipitation Hardening Cobalt Containing Alloy Bars, Forgings and Forging Stock for High-Temperature Service

A640-97(2014)

Specification for Zinc-Coated Steel Strand for Messenger Support of Figure 8 Cable, **01.06**

A641M

Withdrawn 1997; Replaced by A641/A641M A641/A641M-09a(2014)

Specification for Zinc-Coated (Galvanized) Carbon Steel Wire, **01.06**

A642/A642M

Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Drawing Quality, Special Killed; Replaced by A653/A653M, A924/A924M

A643

Withdrawn 1982; Specification for Steel, Castings, Heavy-Walled, Carbon and Alloy for Pressure Vessels A644-14

Terminology Relating to Iron Castings, **01.02**

A645/A645M-10

Specification for Pressure Vessel Plates, 5 % and 5 1/2 % Nickel Alloy Steels, Specially Heat Treated, 01.04

A646/A646M-06(2011)

Specification for Premium Quality Alloy Steel Blooms and Billets for Aircraft and Aerospace Forgings, 01.05

A647

Withdrawn 1982; Specification for Special Requirements for Steel Plates for Nuclear and Other Special

Applications

A648-12

Specification for Steel Wire, Hard-Drawn for Prestressed Concrete Pipe, **01.04**

A649/A649M-10

Specification for Forged Steel Rolls Used for Corrugating Paper Machinery, 01.05

A650/A650M-13

Specification for Tin Mill Products, Black Plate, Double Reduced, 01.06

A651

Withdrawn 1987; Specification for Stainless Steel, Water-DWV Tube

A652

Withdrawn 1984; Specification for Special Requirements for Steel Plates for Wrought Steel Welding Fittings for Nuclear and Other Special Applications

A653/A653M-13

Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, **01.06**

A654

Withdrawn 1984; Specification for Special Requirements for Steel Forgings and Bars for Nuclear and Other Special Applications

A655

Withdrawn 1984; Specification for Special Requirements for Pipe and Tubing for Nuclear and Other Special Applications

A656/A656M-13

Specification for Hot-Rolled Structural Steel, High-Strength Low-Alloy Plate with Improved Formability, **01.04**

A657/A657M-13

Specification for Tin Mill Products, Black Plate Electrolytic Chromium-Coated, Single and Double Reduced, 01.06

A658/A658M

Withdrawn 1989; Specification for Pressure Vessel Plates, Alloy Steel, 36 Percent Nickel

A659/A659M-12

Specification for Commercial Steel (CS), Sheet and Strip, Carbon (0.16 Maximum to 0.25 Maximum Percent), Hot-Rolled, **01.03**

A660/A660M-11

Specification for Centrifugally Cast Carbon Steel Pipe for High-Temperature Service, 01.02

A661

Not Assigned

A662/A662M-12

Specification for Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, for Moderate and Lower Temperature Service, **01.04**

A663/A663M-12

Specification for Steel Bars, Carbon, Merchant Quality, Mechanical Properties, 01.05

A664-14

Practice for Identification of Standard Electrical Steel Grades in ASTM Specifications, 03.04

A665

Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed,



*Types 23g048, 27g053, 30g058, and 35g066 [Metric];
Replaced by A876/A876M
A665M*

*Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed, Types 23g048, 27g053, 30g058, and 35g066 [Metric];
Replaced by A876/A876M
A666-10*

Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar, **01.03**
A667/A667M-87(2012)

Specification for Centrifugally Cast Dual Metal (Gray and White Cast Iron) Cylinders, 01.02

A668/A668M-14

Specification for Steel Forgings, Carbon and Alloy, for General Industrial Use, 01.05

A669

*Withdrawn 1984; Specification for Seamless Ferritic-Austenitic Alloy Steel Tubes; Replaced by A789
A670*

*Redesignated 1979 - B670; Specification for Precipitation Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service
A671/A671M-14*

Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures, **01.01**

A672/A672M-14

Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures, 01.01

A673/A673M-07(2012)

Specification for Sampling Procedure for Impact Testing of Structural Steel, 01.04

A674-10(2014)

Practice for Polyethylene Encasement for Ductile Iron Pipe for Water or Other Liquids, 01.02

A675/A675M-14

Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties, 01.05

A676

*Withdrawn 1990; Specification for Hot-Dipped Aluminum Coatings on Ferrous Articles
A677-12*

Specification for Nonoriented Electrical Steel Fully Processed Types, **03.04**

A677M

Withdrawn 2000; Replaced by A677/A677M

A678/A678M

Withdrawn 2010; Specification for Quenched-and-Tempered Carbon and High-Strength Low-Alloy Structural Steel Plates

A679/A679M-06(2012)

Specification for Steel Wire, High Tensile Strength, Cold Drawn, **01.03**

A680/A680M

*Withdrawn 1986; Specification for Steel, Strip, High-Carbon, Cold-Rolled Hard, Untempered Quality;
Replaced by A684/A684M*

A681-08

Specification for Tool Steels Alloy, **01.05**

A682/A682M

Withdrawn 2009; Specification for Steel, Strip, High-

*Carbon, Cold-Rolled, General Requirements For
A683-05(2010)*

Specification for Nonoriented Electrical Steel, Semiprocessed Types, **03.04**

A683M

Withdrawn 1999; Replaced by A683/A683M

A684/A684M-14

Specification for Steel, Strip, High-Carbon, Cold-Rolled, **01.03**

A685

Withdrawn 1986; Specification for Machined Flat and Square Tool Steel Bars; Replaced by A681

A686-92(2010)

Specification for Tool Steel, Carbon, **01.05**

A687

Withdrawn 1999; Specification for High-Strength Non-headed Steel Bolts and Studs

A688/A688M-12

Specification for Seamless and Welded Austenitic Stainless Steel Feedwater Heater Tubes, **01.01**

A689-97(2013)¹

Specification for Carbon and Alloy Steel Bars for Springs, 01.05

A690/A690M-13a

Specification for High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments, 01.04

A691/A691M-09(2014)

Specification for Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures, 01.01

A692

Withdrawn 1995; Specification for Seamless Medium-Strength Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes; Replaced by A209

A693-13

Specification for Precipitation-Hardening Stainless and Heat-Resisting Steel Plate, Sheet, and Strip, **01.03**

A694/A694M-14

Specification for Carbon and Alloy Steel Forgings for Pipe Flanges, Fittings, Valves, and Parts for High-Pressure Transmission Service, 01.01

A695

Withdrawn 2002; Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality, for Fluid Power Applications

A696-90a(2012)

Specification for Steel Bars, Carbon, Hot-Wrought or Cold-Finished, Special Quality, for Pressure Piping Components, **01.05**

A697/A697M-13

Test Method for Alternating Current Magnetic Properties of Laminated Core Specimen Using Voltmeter-Ammeter-Wattmeter Methods, 03.04

A698/A698M-07

Test Method for Magnetic Shield Efficiency in Attenuating Alternating Magnetic Fields, 03.04

A699

*Withdrawn 1986; Specification for Low-Carbon Manganese-Molybdenum-Columbium Alloy Steel Plates
A700-14*



Guide for Packaging, Marking, and Loading Methods for Steel Products for Shipment, **01.05**

A701/A701M-10

Specification for Ferromanganese-Silicon, 01.02

A702-13

Specification for Steel Fence Posts, Hot Wrought, 01.05

A703/A703M-14

Specification for Steel Castings, General Requirements, for Pressure-Containing Parts, 01.02

A704/A704M-06(2011)

Specification for Welded Steel Plain Bar or Rod Mats for Concrete Reinforcement, 01.04

A705/A705M-13

Specification for Age-Hardening Stainless Steel Forgings, 01.03

A706/A706M-14

Specification for Deformed and Plain Low-Alloy Steel Bars for Concrete Reinforcement, 01.04

A707/A707M-14

Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service, 01.01

A708

Withdrawn 1989; Recommended Practice for Detection of Susceptibility to Intergranular Corrosion in Severely Sensitized Austenitic Stainless Steel

A709/A709M-13a

Specification for Structural Steel for Bridges, 01.04

A710/A710M-02(2013)

Specification for Precipitation–Strengthened Low-Carbon Nickel-Copper-Chromium-Molybdenum-Columbium Alloy Structural Steel Plates, 01.04

A711/A711M-07(2012)

Specification for Steel Forging Stock, 01.05

A712-14

Test Method for Electrical Resistivity of Soft Magnetic Alloys, 03.04

A713-04(2010)

Specification for Steel Wire, High-Carbon Spring, for Heat-Treated Components, 01.03

A714

Withdrawn 2014; Specification for High-Strength Low-Alloy Welded and Seamless Steel Pipe

A715

Withdrawn 2000; Specification for Steel Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled, and Steel Sheet, Cold-Rolled, High-Strength, Low-Alloy, with Improved Formability; Replaced by A1008/A1008M, A1011/A1011M

A716-08(2014)

Specification for Ductile Iron Culvert Pipe, 01.02

A717/A717M-12

Test Method for Surface Insulation Resistivity of Single-Strip Specimens, 03.04

A718

Withdrawn 1996; Test Method for Surface Insulation Resistivity of Multi-Strip Specimens

A719/A719M-14

Test Method for Lamination Factor of Magnetic Materials, 03.04

A720/A720M-02(2011)

Test Method for Ductility of Nonoriented Electrical

Steel, 03.04

A721/A721M-02(2011)

Test Method for Ductility of Oriented Electrical Steel, 03.04

A722/A722M-12

Specification for Uncoated High-Strength Steel Bars for Prestressing Concrete, 01.04

A723/A723M-10

Specification for Alloy Steel Forgings for High-Strength Pressure Component Application, 01.05

A724/A724M-09(2013)

Specification for Pressure Vessel Plates, Carbon-Manganese-Silicon Steel, Quenched and Tempered, for Welded Pressure Vessels, 01.04

A725

Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon Iron, Electrical Steel, Fully Processed, Types 27h076, 30h083, 35h094; Replaced by A876M A725M

Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, Silicon Iron, Electrical Steel, Fully Processed, Types 27h076, 30h083, 35h094 [Metric]; Replaced by A876M

A726-05(2010)

Specification for Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types, 03.04

A726M

Withdrawn 1998; Specification for Cold-Rolled Magnetic Lamination Quality Steel, Semiprocessed Types [Metric]

A727/A727M-14

Specification for Carbon Steel Forgings for Piping Components with Inherent Notch Toughness, 01.01

A728

Not Assigned

A729/A729M-09(2014)

Specification for Alloy Steel Axles, Heat-Treated, for Mass Transit and Electric Railway Service, 01.05

A730

Withdrawn 2004; Specification for Forgings, Carbon and Alloy Steel, for Railway Use; Replaced by A668

A731/A731M

Withdrawn 1995; Specification for Seamless, Welded Ferritic, and Martensitic Stainless Steel Pipe; Replaced by A268

A732/A732M-14

Specification for Castings, Investment, Carbon and Low Alloy Steel for General Application, and Cobalt Alloy for High Strength at Elevated Temperatures, 01.02

A733-13

Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples, 01.01

A734/A734M-12

Specification for Pressure Vessel Plates, Alloy Steel and High-Strength Low-Alloy Steel, Quenched-and-Tempered, 01.04

A735/A735M-12

Specification for Pressure Vessel Plates, Low-Carbon Manganese-Molybdenum-Columbium Alloy Steel, for Moderate and Lower Temperature Service, 01.04

A736/A736M-12

Specification for Pressure Vessel Plates, Low-Carbon



Age-Hardening Nickel-Copper-Chromium-Molybdenum-Columbium Alloy Steel, 01.04
A737/A737M-09(2013)

Specification for Pressure Vessel Plates, High-Strength, Low-Alloy Steel, 01.04

A738/A738M-12a

Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel, for Moderate and Lower Temperature Service, 01.04

A739-90a(2012)

Specification for Steel Bars, Alloy, Hot-Wrought, for Elevated Temperature or Pressure-Containing Parts, or Both, 01.05

A740-98(2014)

Specification for Hardware Cloth (Woven or Welded Galvanized Steel Wire Fabric), 01.06

A741-11^{e1}

Specification for Metallic-Coated Steel Wire Rope and Fittings for Highway Guardrail, 01.06

A742/A742M-13

Specification for Steel Sheet, Metallic Coated and Polymer Precoated for Corrugated Steel Pipe, 01.06

A743/A743M-13a^{e1}

Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application, 01.02

A744/A744M-13

Specification for Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service, 01.02

A745/A745M-12

Practice for Ultrasonic Examination of Austenitic Steel Forgings, 01.05

A746-09(2014)

Specification for Ductile Iron Gravity Sewer Pipe, 01.02

A747/A747M-12

Specification for Steel Castings, Stainless, Precipitation Hardening, 01.02

A748/A748M-87(2012)

Specification for Statically Cast Chilled White Iron-Gray Iron Dual Metal Rolls for Pressure Vessel Use, 01.02

A749M

Withdrawn 1991; Replaced by A749/A749M

A749/A749M-14

Specification for Steel, Strip, Carbon and High-Strength, Low-Alloy, Hot-Rolled, General Requirements for, 01.03

A750

Withdrawn 2004; Specification for Steel Air Ventilating Grille Units for Detention Areas

A751-14a

Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products, 01.01, 01.02, 01.03, 01.04, 01.05

A752

Withdrawn 2011; Specification for General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel; Replaced by A510

A752M

Withdrawn 2011; Specification for General Requirements for Wire Rods and Coarse Round Wire, Alloy Steel (Metric); Replaced by A510

A753-08(2013)

Specification for Wrought Nickel-Iron Soft Magnetic Alloys (UNS K94490, K94840, N14076, N14080), 03.04

A754/A754M-11

Test Method for Coating Weight (Mass) of Metallic Coatings on Steel by X-Ray Fluorescence, 01.06

A755/A755M-11

Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products, 01.06

A756-09(2014)

Specification for Stainless Anti-Friction Bearing Steel, 01.05

A757/A757M-10

Specification for Steel Castings, Ferritic and Martensitic, for Pressure-Containing and Other Applications, for Low-Temperature Service, 01.02

A758/A758M-14

Specification for Wrought-Carbon Steel Butt-Welding Piping Fittings with Improved Notch Toughness, 01.01

A759-10

Specification for Carbon Steel Crane Rails, 01.04

A760/A760M-13

Specification for Corrugated Steel Pipe, Metallic-Coated for Sewers and Drains, 01.06

A761/A761M-13b

Specification for Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches, 01.06

A762/A762M-08

Specification for Corrugated Steel Pipe, Polymer Precoated for Sewers and Drains, 01.06

A763-14

Practices for Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels, 01.03

A764-07(2012)

Specification for Metallic Coated Carbon Steel Wire, Coated at Size and Drawn to Size for Mechanical Springs, 01.06

A765/A765M-07(2012)

Specification for Carbon Steel and Low-Alloy Steel Pressure-Vessel-Component Forgings with Mandatory Toughness Requirements, 01.05

A766/A766M

Withdrawn 1991; Specification for Forgings, Leaded, and Resulfurized Carbon Steel, for Pressure-Containing Applications

A767/A767M-09

Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement, 01.04

A768/A768M-05(2010)

Specification for Vacuum-Treated 12% Chromium Alloy Steel Forgings for Turbine Rotors and Shafts, 01.05

A769/A769M-05(2010)

Specification for Carbon and High-Strength Electric Resistance Forge-Welded Steel Structural Shapes, 01.04

A770/A770M-03(2012)

Specification for Through-Thickness Tension Testing



of Steel Plates for Special Applications, 01.04
A771/A771M

Withdrawn 2004; Specification for Seamless Austenitic and Martensitic Stainless Steel Tubing for Liquid Metal-Cooled Reactor Core Components

A772/A772M-00(2011)^{e1}

Test Method for AC Magnetic Permeability of Materials Using Sinusoidal Current, **03.04**

A773/A773M-14

Test Method for Direct Current Magnetic Properties of Low Coercivity Magnetic Materials Using Hysteresis-graphs, 03.04

A774/A774M-14

Specification for As-Welded Wrought Austenitic Stainless Steel Fittings for General Corrosive Service at Low and Moderate Temperatures, 01.01

A775/A775M-07b(2014)

Specification for Epoxy-Coated Steel Reinforcing Bars, 01.04

A776

Not Assigned

A777

Withdrawn 1995; Specification for Galvanized Round Steel Tying Wire

A778-01(2009)^{e1}

Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products, **01.01**

A779/A779M-12

Specification for Steel Strand, Seven-Wire, Uncoated, Compacted for Prestressed Concrete, 01.04

A780/A780M-09

Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings, 01.06

A781/A781M-14b

Specification for Castings, Steel and Alloy, Common Requirements, for General Industrial Use, 01.02

A782/A782M

Withdrawn 2010; Specification for Pressure-Vessel Plates, Quenched-and-Tempered, Manganese-Chromium-Molybdenum-Silicon Zirconium Alloy Steel

A783
Withdrawn 1987; Specification for Aluminum-Zinc Alloy-Coated Steel Chain Link Fence Fabric

A784

Withdrawn 1988; Specification for Aluminum-Zinc Alloy-Coated Steel Wire Rope and Fittings for Highway Guard Rail

A785

Withdrawn 1988; Specification for Aluminum-Zinc Alloy-Coated Steel Wire Strand

A786/A786M-05(2009)

Specification for Hot-Rolled Carbon, Low-Alloy, High-Strength Low-Alloy, and Alloy Steel Floor Plates, **01.04**

A787/A787M-14

Specification for Electric-Resistance-Welded Metallic-Coated Carbon Steel Mechanical Tubing, 01.01

A788/A788M-14a

Specification for Steel Forgings, General Requirements, 01.05

A789/A789M-14

Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General

Service, 01.01

A790/A790M-14a

Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe, 01.01

A791/A791M

Withdrawn 1995; Specification for Welded, Unannealed Ferritic Stainless Steel Tubing; Replaced by A268/A268M A792M

Withdrawn 1994; Replaced by A792/A792M

A792/A792M-10

Specification for Steel Sheet, 55 % Aluminum-Zinc Alloy-Coated by the Hot-Dip Process, **01.06**

A793-96(2014)

Specification for Rolled Floor Plate, Stainless Steel, 01.03

A794/A794M-12

Specification for Commercial Steel (CS), Sheet, Carbon (0.16 % Maximum to 0.25 % Maximum), Cold-Rolled, 01.03

A795/A795M-13

Specification for Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use, 01.01

A796/A796M-13a

Practice for Structural Design of Corrugated Steel Pipe, Pipe-Arches, and Arches for Storm and Sanitary Sewers and Other Buried Applications, 01.06

A797

Withdrawn 1990; Specification for Aluminum-Zinc Alloy-Coated Steel Overhead Ground Wire Strand

A798/A798M-13

Practice for Installing Factory-Made Corrugated Steel Pipe for Sewers and Other Applications, **01.06**

A799/A799M-10

Practice for Steel Castings, Stainless, Instrument Calibration, for Estimating Ferrite Content, 01.02

A800/A800M-14

Practice for Steel Casting, Austenitic Alloy, Estimating Ferrite Content Thereof, 01.02

A801-14

Specification for Wrought Iron-Cobalt High Magnetic Saturation Alloys (UNS R30005 and K92650), 03.04

A802/A802M-95(2010)^{e1}

Practice for Steel Castings, Surface Acceptance Standards, Visual Examination, 01.02

A803/A803M-12

Specification for Seamless and Welded Ferritic Stainless Steel Feedwater Heater Tubes, 01.01

A804/A804M-04(2009)^{e1}

Test Methods for Alternating-Current Magnetic Properties of Materials at Power Frequencies Using Sheet-Type Test Specimens, 03.04

A805/A805M-09

Specification for Steel, Flat Wire, Carbon, Cold-Rolled, 01.03

A806/A806M

Withdrawn 1995; Specification for Steel Sheet, 55 Aluminum-Zinc Alloy Coated by the Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

A807/A807M-13

Practice for Installing Corrugated Steel Structural Plate



Pipe for Sewers and Other Applications, **01.06**
A808/A808M

Withdrawn 2005; Specification for High-Strength, Low-Alloy Carbon, Manganese, Columbium, Vanadium Steel of Structural Quality with Improved Notch Toughness; Replaced by A656

A809-08(2013)

Specification for Aluminum-Coated (Aluminized) Carbon Steel Wire, **01.06**

A810-01(2014)

Specification for Zinc-Coated (Galvanized) Steel Pipe Winding Mesh, 01.06

A811-03(2008)

Specification for Soft Magnetic Iron Parts Fabricated by Powder Metallurgy (P/M) Techniques, 03.04

A812/A812M

Withdrawn 1997; Specification for Steel Sheet, High-Strength, Low-Alloy, Hot-Rolled, for Welded Layered Pressure Vessels

A813/A813M-14

Specification for Single- or Double-Welded Austenitic Stainless Steel Pipe, **01.01**

A814/A814M-08

Specification for Cold-Worked Welded Austenitic Stainless Steel Pipe, 01.01

A815/A815M-14

Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings, 01.01

A816/A816M

Withdrawn 1994; Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, High-Strength, Low Alloy; Replaced by A653/A653M, A924/A924M

A817-12

Specification for Metallic-Coated Steel Wire for Chain-Link Fence Fabric and Marcellled Tension Wire, **01.06**

A818-06(2010)

Specification for Coppered Carbon Steel Wire, 01.06
A819

Withdrawn 1995; Specification for Steel Sheet, Aluminum-Coated Type 2 for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

A820/A820M-11

Specification for Steel Fibers for Fiber-Reinforced Concrete, **01.04**

A821/A821M-10

Specification for Steel Wire, Hard-Drawn for Prestressed Concrete Tanks, 01.04

A822/A822M-04(2010)

Specification for Seamless Cold-Drawn Carbon Steel Tubing for Hydraulic System Service, 01.01

A823-99(2012)

Specification for Statically Cast Permanent Mold Gray Iron Castings, 01.02

A824-01(2012)

Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link Fence, 01.06

A825

Withdrawn 1991; Specification for Steel Sheet, Composite Coated for Corrugated Steel Sewer Pipe and Bin-Type Retaining Walls

A826/A826M

Withdrawn 2004; Specification for Seamless Austenitic and Martensitic Stainless Steel Duct Tubes for Liquid Metal-Cooled Reactor Core Components

A827/A827M-14

Specification for Plates, Carbon Steel, for Forging and Similar Applications, **01.04**

A828

Not Assigned

A829/A829M-14

Specification for Alloy Structural Steel Plates, **01.04**

A830/A830M-14

Specification for Plates, Carbon Steel, Structural Quality, Furnished to Chemical Composition Requirements, 01.04

A831/A831M

Withdrawn 2005; Specification for Austenitic and Martensitic Stainless Steel Bars, Billets, and Forgings for Liquid Metal Cooled Reactor Core Components

A832/A832M-10

Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum-Vanadium, **01.04**

A833-08a(2014)

Practice for Indentation Hardness of Metallic Materials by Comparison Hardness Testers, 01.05

A834-95(2011)

Specification for Common Requirements for Iron Castings for General Industrial Use, 01.02

A835/A835M-10

Specification for Sizes of Ferroalloys and Alloy Additives, 01.02

A836/A836M-14

Specification for Titanium-Stabilized Carbon Steel Forgings for Glass-Lined Piping and Pressure Vessel Service, 01.01

A837/A837M-06(2011)

Specification for Steel Forgings, Alloy, for Carburizing Applications, 01.05

A838-02(2013)

Specification for Free-Machining Ferritic Stainless Soft Magnetic Alloy Bar for Relay Applications, 03.04

A839-02(2008)

Specification for Iron-Phosphorus Powder Metallurgy (P/M) Parts for Soft Magnetic Applications, 03.04

A840

Withdrawn 2011; Specification for Fully Processed Magnetic Lamination Steel

A841/A841M-13

Specification for Steel Plates for Pressure Vessels, Produced by Thermo-Mechanical Control Process (TMCP), **01.04**

A842-11a

Specification for Compacted Graphite Iron Castings, 01.02

A843

Withdrawn 1988; Specification for Flat-Rolled, Grain-Oriented, High Permeability, Silicon-Iron Electrical Steel, Fully Processed, Types 27p066, 30p070, 35p076; Replaced by A876/A876M

A844/A844M-09

Specification for Steel Plates, 9% Nickel Alloy, for Pressure Vessels, Produced by the Direct-Quenching Process, **01.04**

**A845**

Withdrawn 2005; Specification for Titanium Scrap for Use in Deoxidation and Alloying of Steel

A846

Withdrawn 2005; Specification for Aluminum Scrap for Use in Deoxidation and Alloying of Steel

A847/A847M-14

Specification for Cold-Formed Welded and Seamless High-Strength, Low-Alloy Structural Tubing with Improved Atmospheric Corrosion Resistance, **01.01**

A848-01(2011)

Specification for Low-Carbon Magnetic Iron, 03.04

A849-10

Specification for Post-Applied Coatings, Pavings, and Linings for Corrugated Steel Sewer and Drainage Pipe, 01.06

A850

Withdrawn 1991; Specification for Steel Bars, Carbon-Manganese Merchant Quality with 50 ksi (345 MPa) Yield Point

A851

Withdrawn 2002; Specification for High-Frequency Induction Welded, Unannealed, Austenitic Steel Condenser Tubes

A852/A852M

Withdrawn 2010; Specification for Quenched and Tempered Low-Alloy Structural Steel Plate with 70 ksi [485 MPa] Minimum Yield Strength to 4 in. [100 mm] Thick

Specification for Steel Wire, Carbon, for General Use, **01.03**

A854/A854M-08(2013)

Specification for Metallic-Coated Steel Smooth High-Tensile Fence and Trellis Wire, 01.06

A855/A855M-03(2014)

Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Wire Strand, 01.06

A856/A856M-03(2014)

Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Carbon Steel Wire, 01.06

A857/A857M-07(2013)

Specification for Steel Sheet Piling, Cold Formed, Light Gage, 01.04

A858/A858M-14

Specification for Heat-Treated Carbon Steel Fittings for Low-Temperature and Corrosive Service, 01.01

A859/A859M-04(2014)

Specification for Age-Hardening Alloy Steel Forgings for Pressure Vessel Components, 01.05

A860/A860M-14

Specification for Wrought High-Strength Ferritic Steel Butt-Welding Fittings, 01.01

A861-04(2013)

Specification for High-Silicon Iron Pipe and Fittings, 01.02

A862/A862M-98(2014)

Practice for Application of Asphalt Coatings to Corrugated Steel Sewer and Drainage Pipe, 01.06

A863

Withdrawn 1991; Specification for Corrugated Steel Pipe with Smooth PVC Liner for Sewers and Drains

A864/A864M

Withdrawn 1997; Specification for Steel Wire, Deformed, for Prestressed Concrete Railroad Ties

A865/A865M-06(2012)

Specification for Threaded Couplings, Steel, Black or Zinc-Coated (Galvanized) Welded or Seamless, for Use in Steel Pipe Joints, **01.01**

A866-14

Specification for Medium Carbon Anti-Friction Bearing Steel, 01.05

A867-03(2013)

Specification for Iron-Silicon Relay Steels, 03.04

A868

Not Assigned

A869

Not Assigned

A870

Not Assigned

A871/A871M-14

Specification for High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance, **01.04**

A872/A872M-14

Specification for Centrifugally Cast Ferritic/Austenitic Stainless Steel Pipe for Corrosive Environments, 01.02

A873/A873M

Withdrawn 1997; Specification for Steel Sheet and Strip, Chromium-Molybdenum Alloy, for Pressure Vessels

A874M

Withdrawn 1998; Replaced by A874/A874M

A874/A874M-98(2014)

Specification for Ferritic Ductile Iron Castings Suitable for Low-Temperature Service, **01.02**

A875/A875M-13

Specification for Steel Sheet, Zinc-5 % Aluminum Alloy-Coated by the Hot-Dip Process, 01.06

A876-12

Specification for Flat-Rolled, Grain-Oriented, Silicon-Iron, Electrical Steel, Fully Processed Types, 03.04

A876M

Withdrawn 1998; Replaced by A876/A876M

A877/A877M-10^{e1}

Specification for Steel Wire, Chromium-Silicon Alloy, Chrome-Silicon-Vanadium Alloy Valve Spring Quality, **01.03**

A878/A878M-05(2011)

Specification for Steel Wire, Modified Chromium Vanadium Valve Spring Quality, 01.03

A879/A879M-12

Specification for Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface, 01.06

A880

Withdrawn 2004; Practice for Criteria for Use in Evaluation of Testing Laboratories and Organizations for Examination and Inspection of Steel, Stainless Steel, and Related Alloys

A881/A881M-10

Specification for Steel Wire, Indented, Low-Relaxation for Prestressed Concrete Railroad Ties, **01.04**

A882/A882M-04a(2010)

Specification for Filled Epoxy-Coated Seven-Wire Prestressing Steel Strand, 01.04

**A883/A883M**

Withdrawn 2006; Test Method for Ferrimagnetic Resonance Linewidth and Gyromagnetic Ratio of Nonmetallic Magnetic Materials

A884/A884M-14

Specification for Epoxy-Coated Steel Wire and Welded Wire Reinforcement, 01.04

A885/A885M

Withdrawn 2006; Specification for Steel Sheet, Zinc and Aramid Fiber Composite Coated for Corrugated Steel Sewer, Culvert, and Underdrain Pipe

A886/A886M-12

Specification for Steel Strand, Indented, Seven-Wire Stress-Relieved for Prestressed Concrete, 01.04

A887-89(2014)

Specification for Borated Stainless Steel Plate, Sheet, and Strip for Nuclear Application, 01.03

A888-13a

Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications, 01.02

A889/A889M-14

Test Method for Alternating-Current Magnetic Properties of Materials at Low Magnetic Flux Density Using the Voltmeter-Ammeter-Wattmeter-Varmeter Method and 25-cm Epstein Frame, 03.04

A890/A890M-13

Specification for Castings, Iron-Chromium-Nickel-Molybdenum Corrosion-Resistant, Duplex (Austenitic/Ferritic) for General Application, 01.02

A891/A891M-10

Specification for Precipitation Hardening Iron Base Superalloy Forgings for Turbine Rotor Disks and Wheels, 01.05

A892-09(2014)^{c1}

Guide for Defining and Rating the Microstructure of High Carbon Bearing Steels, 01.05

A893/A893M-03(2008)

Test Method for Complex Dielectric Constant of Nonmetallic Magnetic Materials at Microwave Frequencies, 03.04

A894/A894M-00(2011)^{c1}

Test Method for Saturation Magnetization or Induction of Nonmetallic Magnetic Materials, 03.04

A895-89(2009)

Specification for Free-Machining Stainless Steel Plate, Sheet, and Strip, 01.03

A896/A896M-09(2014)

Practice for Conducting Case Studies on Galvanized Structures, 01.06

A897M

Withdrawn 2001; Replaced by A897/A897M

A897/A897M-06(2011)

Specification for Austempered Ductile Iron Castings, 01.02

A898/A898M-07(2012)

Specification for Straight Beam Ultrasonic Examination of Rolled Steel Structural Shapes, 01.04

A899-91(2014)

Specification for Steel Wire, Epoxy-Coated, 01.03

A900/A900M-01(2012)

Test Method for Lamination Factor of Amorphous

Magnetic Strip, 03.04**A901-12**

Specification for Amorphous Magnetic Core Alloys, Semi-Processed Types, 03.04

A902-14

Terminology Relating to Metallic Coated Steel Products, 01.06

A903/A903M-99(2012)

Specification for Steel Castings, Surface Acceptance Standards, Magnetic Particle and Liquid Penetrant Inspection, 01.02

A904-14

Specification for 50 Nickel-50 Iron Powder Metallurgy Soft Magnetic Parts, 03.04

A905-04(2010)

Specification for Steel Wire, Pressure Vessel Winding, 01.03

A906/A906M-02(2010)

Specification for Grade 80 and Grade 100 Alloy Steel Chain Slings for Overhead Lifting, 01.05

A907/A907M

Withdrawn 2001; Specification for Steel, Sheet and Strip, Heavy Thickness Coils, Carbon, Hot-Rolled, Structural Quality; Replaced by A1018/A1018M

A908-03(2013)

Specification for Stainless Steel Needle Tubing, 01.01

A909/A909M-06(2011)

Specification for Steel Forgings, Microalloy, for General Industrial Use, 01.05

A910/A910M-12

Specification for Uncoated, Weldless, 2-Wire and 3-Wire Steel Strand for Prestressed Concrete, 01.04

A911/A911M-11

Specification for Uncoated, Stress-Relieved Steel Bars for Prestressed Concrete Railroad Ties, 01.04

A912/A912M-11

Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Toroidal Specimens, 03.04

A913/A913M-14a

Specification for High-Strength Low-Alloy Steel Shapes of Structural Quality, Produced by Quenching and Self-Tempering Process (QST), 01.04

A914/A914M-92(2011)

Specification for Steel Bars Subject to Restricted End-Quench Hardenability Requirements, 01.05

A915/A915M-08(2013)

Specification for Steel Castings, Carbon, and Alloy, Chemical Requirements Similar to Standard Wrought Grades, 01.02

A916

Withdrawn 1995; Specification for Steel Sheet, Zinc-5 % Aluminum-Mischmetal Alloy-Coated by Hot-Dip Process for Storm Sewer and Drainage Pipe; Replaced by A929/A929M

A917-08

Specification for Steel Sheet, Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface (General Requirements), 01.06

A918-06(2011)



Specification for Steel Sheet, Zinc-Nickel Alloy Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface, 01.06

A919

Withdrawn 1998; Terminology Relating to Heat Treatment of Metals; Replaced by A941

A920/A920M-14

Specification for Steel Bars, Microalloy, Hot-Wrought, Special Quality, Mechanical Properties, 01.05

A921/A921M-93(2011)

Specification for Steel Bars, Microalloy, Hot-Wrought, Special Quality, for Subsequent Hot Forging, 01.05

A922-05(2010)

Specification for Silicon Metal, 01.02

A923-14

Test Methods for Detecting Detrimental Intermetallic Phase in Duplex Austenitic/Ferritic Stainless Steels, 01.03

A924/A924M-14

Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process, 01.06

A925-03(2014)

Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Overhead Ground Wire Strand, 01.06

A926-03(2014)

Test Method for Comparing the Abrasion Resistance of Coating Materials for Corrugated Metal Pipe, 01.06

A927/A927M-11

Test Method for Alternating-Current Magnetic Properties of Toroidal Core Specimens Using the Voltmeter-Ammeter-Wattmeter Method, 03.04

A928/A928M-14

Specification for Ferritic/Austenitic (Duplex) Stainless Steel Pipe Electric Fusion Welded with Addition of Filler Metal, 01.01

A929/A929M-01(2013)

Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe, 01.06

A930-09(2014)

Practice for Life-Cycle Cost Analysis of Corrugated Metal Pipe Used for Culverts, Storm Sewers, and Other Buried Conduits, 01.06

A931-08(2013)

Test Method for Tension Testing of Wire Ropes and Strand, 01.03

A932/A932M-01(2012)

Test Method for Alternating-Current Magnetic Properties of Amorphous Materials at Power Frequencies Using Wattmeter-Ammeter-Voltmeter Method with Sheet Specimens, 03.04

A933/A933M-14

Specification for Vinyl-Coated Steel Wire and Welded Wire Reinforcement, 01.04

A934/A934M-13

Specification for Epoxy-Coated Prefabricated Steel Reinforcing Bars, 01.04

A935/A935M

Withdrawn 2001; Specification for Steel, Sheet and Strip, Heavy Thickness Coils, High Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled; Replaced

by A1018/A1018M

A936/A936M

Withdrawn 2001; Specification for Steel, Sheet And Strip, Heavy Thickness Coils, High Strength, Low-Alloy, Hot-Rolled, With Improved Formability; Replaced by A1018/A1018M

A937/A937M-12

Test Method for Determining Interlaminar Resistance of Insulating Coatings Using Two Adjacent Test Surfaces, 03.04

A938-07(2013)

Test Method for Torsion Testing of Wire, 01.03

A939/A939M-12

Practice for Ultrasonic Examination from Bored Surfaces of Cylindrical Forgings, 01.05

A940/A940M-06(2011)

Specification for Vacuum Treated Steel Forgings, Alloy, Differentially Heat Treated, for Turbine Rotors, 01.05

A941-13b

Terminology Relating to Steel, Stainless Steel, Related Alloys, and Ferroalloys, 01.01, 01.02, 01.03, 01.04, 01.05

A942/A942M-95(2012)^{c1}

Specification for Centrifugally Cast White Iron/Gray Iron Dual Metal Abrasion-Resistant Roll Shells, 01.02

A943/A943M-01(2014)

Specification for Spray-Formed Seamless Austenitic Stainless Steel Pipes, 01.01

A944-10

Test Method for Comparing Bond Strength of Steel Reinforcing Bars to Concrete Using Beam-End Specimens, 01.04

A945/A945M-06(2011)

Specification for High-Strength Low-Alloy Structural Steel Plate with Low Carbon and Restricted Sulfur for Improved Weldability, Formability, and Toughness, 01.04

A946

Withdrawn 2012; Specification for Chromium, Chromium-Nickel and Silicon Alloy Steel Plate, Sheet, and Strip for Corrosion and Heat Resisting Service

A947M-13

Specification for Textured Stainless Steel Sheet Metric, 01.03

A949

Redesignated 1995 - A949/A949M

A949/A949M-01(2014)

Specification for Spray-Formed Seamless Ferritic/Austenitic Stainless Steel Pipe, 01.01

A950/A950M-11

Specification for Fusion-Bonded Epoxy-Coated Structural Steel H-Piles and Sheet Piling, 01.04

A951/A951M-14

Specification for Steel Wire for Masonry Joint Reinforcement, 01.04

A952/A952M-02(2010)

Specification for Forged Grade 80 and Grade 100 Steel Lifting Components and Welded Attachment Links, 01.05

A953

Withdrawn 2005; Specification for Austenitic



Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Tubing
A954

Withdrawn 2005; Specification for Austenitic Chromium-Nickel-Silicon Alloy Steel Seamless and Welded Pipe
A955/A955M-14

Specification for Deformed and Plain Stainless-Steel Bars for Concrete Reinforcement, 01.04

A956-12
Test Method for Leeb Hardness Testing of Steel Products, 01.05

A957/A957M-14
Specification for Investment Castings, Steel and Alloy, Common Requirements, for General Industrial Use, 01.02

A958/A958M-14
Specification for Steel Castings, Carbon and Alloy, with Tensile Requirements, Chemical Requirements Similar to Standard Wrought Grades, 01.02

A959-11
Guide for Specifying Harmonized Standard Grade Compositions for Wrought Stainless Steels, 01.03

A960/A960M-14a
Specification for Common Requirements for Wrought Steel Piping Fittings, 01.01

A961/A961M-14
Specification for Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications, 01.01

A962/A962M-14a
Specification for Common Requirements for Bolting Intended for Use at Any Temperature from Cryogenic to the Creep Range, 01.01

A963/A963M
Withdrawn 2000; Specification for Deep Drawing Steel (DDS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M

A964/A964M-03(2011)
Specification for Corrugated Steel Box Culverts, 01.06

A965/A965M-14
Specification for Steel Forgings, Austenitic, for Pressure and High Temperature Parts, 01.05

A966/A966M-08(2012)
Practice for Magnetic Particle Examination of Steel Forgings Using Alternating Current, 01.05

A967/A967M-13
Specification for Chemical Passivation Treatments for Stainless Steel Parts, 01.03

A968/A968M-96(2014)
Specification for Chromium, Chromium-Nickel, and Silicon Alloy Steel Bars and Shapes for Corrosion and Heat-Resisting Service, 01.03

A969/A969M
Withdrawn 2000; Specification for Extra Deep Drawing Steel (EDDS), Sheet, Carbon, Cold-Rolled; Replaced by A1008/A1008M

A970/A970M-13a
Specification for Headed Steel Bars for Concrete Reinforcement, 01.04

A971/A971M-10
Test Method for Measuring Edge Taper and Crown of

Flat-Rolled Electrical Steel Coils, 03.04
A972/A972M-00(2010)
Specification for Fusion Bonded Epoxy-Coated Pipe Piles, 01.01

A973/A973M-07(2012)
Specification for Grade 100 Alloy Steel Chain, 01.05

A974-97(2011)
Specification for Welded Wire Fabric Gabions and Gabion Mattresses (Metallic-Coated or Polyvinyl Chloride (PVC) Coated), 01.06

A975-11
Specification for Double-Twisted Hexagonal Mesh Gabions and Revet Mattresses (Metallic-Coated Steel Wire or Metallic-Coated Steel Wire With Poly(Vinyl Chloride) (PVC) Coating), 01.06

A976-13
Classification of Insulating Coatings for Electrical Steels by Composition, Relative Insulating Ability and Application, 03.04

A977/A977M-07(2013)
Test Method for Magnetic Properties of High-Coercivity Permanent Magnet Materials Using Hysteresisographs, 03.04

A978/A978M-08(2013)
Specification for Composite Ribbed Steel Pipe, Pre-coated and Polyethylene Lined for Gravity Flow Sanitary Sewers, Storm Sewers, and Other Special Applications, 01.06

A979/A979M-03(2014)^{c1}
Specification for Concrete Pavements and Linings Installed in Corrugated Steel Structures in the Field, 01.06

A980/A980M-11
Specification for Steel, Sheet, Carbon, Ultra High Strength Cold Rolled, 01.03

A981/A981M-11
Test Method for Evaluating Bond Strength for 0.600-in. 15.24-mm Diameter Steel Prestressing Strand, Grade 270 1860, Uncoated, Used in Prestressed Ground Anchors, 01.04

A982/A982M-10
Specification for Steel Forgings, Stainless, for Compressor and Turbine Airfoils, 01.05

A983/A983M-06(2011)^{c1}
Specification for Continuous Grain Flow Forged Carbon and Alloy Steel Crankshafts for Medium Speed Diesel Engines, 01.05

A984/A984M
Withdrawn 2014; Specification for Steel Line Pipe, Black, Plain-End, Electric-Resistance-Welded
A985/A985M-14

Specification for Steel Investment Castings General Requirements, for Pressure-Containing Parts, 01.02

A986/A986M-01(2011)
Specification for Magnetic Particle Examination of Continuous Grain Flow Crankshaft Forgings, 01.05

A987/A987M-09(2014)
Practice for Measuring Shape Characteristics of Tin Mill Products, 01.06

A988/A988M-13
Specification for Hot Isostatically-Pressed Stainless Steel Flanges, Fittings, Valves, and Parts for High



Temperature Service, 01.01

A989/A989M-13

Specification for Hot Isostatically-Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service, 01.01

A990/A990M-14a

Specification for Castings, Iron-Nickel-Chromium and Nickel Alloys, Specially Controlled for Pressure Retaining Parts for Corrosive Service, 01.02

A991/A991M-10

Test Method for Conducting Temperature Uniformity Surveys of Furnaces Used to Heat Treat Steel Products, 01.03

A992/A992M-11

Specification for Structural Steel Shapes, 01.04

A993

Withdrawn 2004; Test Method for Dynamic Tear Testing of Cast Irons to Establish Transition Temperature
A994-13

Guide for Editorial Procedures and Form of Product Specifications for Steel, Stainless Steel, and Related Alloys, 01.01

A995/A995M-13

Specification for Castings, Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts, 01.02

A996/A996M-14a

Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement, 01.04

A997-08(2012)

Practice for Investment Castings, Surface Acceptance Standards, Visual Examination, 01.02

A998/A998M-12

Practice for Structural Design of Reinforcements for Fittings in FactoryMade Corrugated Steel Pipe for Sewers and Other Applications, 01.06

A999/A999M-14

Specification for General Requirements for Alloy and Stainless Steel Pipe, 01.01

A1000/A1000M-11

Specification for Steel Wire, Carbon and Alloy Specialty Spring Quality, 01.03

A1001-01(2010)

Specification for High Strength Steel Castings in Heavy Sections, 01.02

A1002-10

Specification for Castings, Nickel-Aluminum Ordered Alloy, 01.02

A1003/A1003M-13b

Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members, 01.06

A1004/A1004M-99(2014)

Practice for Establishing Conformance to the Minimum Expected Corrosion Characteristics of Metallic, Painted-Metallic, and Nonmetallic-Coated Steel Sheet Intended for Use as Cold Formed Framing Members, 01.06

A1005/A1005M

Withdrawn 2014; Specification for Steel Line Pipe, Black, Plain End, Longitudinal and Helical Seam, Double Submerged-Arc Welded

A1006/A1006M

Withdrawn 2014; Specification for Steel Line Pipe, Black, Plain End, Laser Beam Welded

A1007-07

Specification for Carbon Steel Wire for Wire Rope, 01.03

A1008/A1008M-13

Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable, 01.03

A1009-05(2010)

Specification for Soft Magnetic MnZn Ferrite Core Materials for High Frequency (10 kHz-1 MHz) Power Transformer and Filter Inductor Applications, 03.04

A1010/A1010M-13

Specification for Higher-Strength Martensitic Stainless Steel Plate, Sheet, and Strip, 01.03

A1011/A1011M-14

Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, 01.03

A1012-10

Specification for Seamless and Welded Ferritic, Austenitic and Duplex Alloy Steel Condenser and Heat Exchanger Tubes With Integral Fins, 01.01

A1013-00(2013)^{e1}

Test Method for High-Frequency (10 kHz-1 MHz) Core Loss of Soft Magnetic Core Components at Controlled Temperatures Using the Voltmeter-Ammeter-Wattmeter Method, 03.04

A1014/A1014M-10

Specification for Precipitation-Hardening Bolting (UNS N07718) for High Temperature Service, 01.01

A1015-01(2014)

Guide for Videoboscoping of Tubular Products for Sanitary Applications, 01.01

A1016/A1016M-14

Specification for General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel, and Stainless Steel Tubes, 01.01

A1017/A1017M-11

Specification for Pressure Vessel Plates, Alloy Steel, Chromium-Molybdenum-Tungsten, 01.04

A1018/A1018M-10

Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Carbon, Commercial, Drawing, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength, 01.03

A1019/A1019M

Withdrawn 2012; Specification for Closed Rib Steel Pipe with Diameter of 36 in. [900 mm] or Less, Polymer Precoated for Sewers and Drains

A1020/A1020M-02(2012)

Specification for Steel Tubes, Carbon and Carbon Manganese, Fusion Welded, for Boiler, Superheater, Heat Exchanger and Condenser Applications, 01.01

A1021/A1021M-05(2010)

Specification for Martensitic Stainless Steel Forgings and Forging Stock for High-Temperature Service, 01.05



A1022/A1022M-14a
Specification for Deformed and Plain Stainless Steel Wire and Welded Wire for Concrete Reinforcement, 01.04

A1023/A1023M-09^{e1}
Specification for Stranded Carbon Steel Wire Ropes for General Purposes, 01.03

A1024/A1024M-02(2012)
Specification for Steel Line Pipe, Black, Plain-End, Seamless, 01.01

A1025/A1025M-10
Specification for Ferrous Alloys and Other Alloying Materials, General Requirements, 01.02

A1026
Withdrawn 2007; Specification for Alloy Steel Structural Shapes for Use in Building Framing

A1028-03(2009)
Specification for Stainless Steel Bars for Compressor and Turbine Airfoils, 01.03

A1030/A1030M-11
Practice for Measuring Flatness Characteristics of Steel Sheet Products, 01.06

A1031/A1031M-12
Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Alloy, Drawing Steel and Structural Steel, Hot-Rolled, 01.03

A1032-04(2010)
Test Method for Hydrogen Embrittlement Resistance for Steel Wire Hard Drawn Used for Prestressing Concrete Pipe, 01.04

A1033-10
Practice for Quantitative Measurement and Reporting of Hypoeutectoid Carbon and Low-Alloy Steel Phase Transformations, 01.03

A1034/A1034M-10a
Test Methods for Testing Mechanical Splices for Steel Reinforcing Bars, 01.04

A1035/A1035M-14
Specification for Deformed and Plain, Low-Carbon, Chromium, Steel Bars for Concrete Reinforcement, 01.04

A1036-04(2009)
Guide for Measuring Power Frequency Magnetic Properties of Flat-Rolled Electrical Steels Using Small Single Sheet Testers, 03.04

A1037/A1037M-05(2012)
Specification for Steel Line Pipe, Black, Furnace-Butt-Welded, 01.01

A1038-13
Test Method for Portable Hardness Testing by the Ultrasonic Contact Impedance Method, 01.05

A1039/A1039M-13
Specification for Steel, Sheet, Hot Rolled, Carbon, Commercial, Structural, and High-Strength Low-Alloy, Produced by Twin-Roll Casting Process, 01.03

A1040-10
Guide for Specifying Harmonized Standard Grade Compositions for Wrought Carbon, Low-Alloy, and Alloy Steels, 01.05

A1041/A1041M
Withdrawn 2013; Specification for Pressure Vessel Plates, Alloy Steel, Higher Strength Chromium-

Molybdenum-Tungsten

A1042/A1042M
Withdrawn 2015; Specification for Composite Corrugated Steel Pipe for Sewers and Drains,

A1043/A1043M-14
Specification for Structural Steel with Low Yield to Tensile Ratio for Use in Buildings, 01.04

A1044/A1044M-05(2010)
Specification for Steel Stud Assemblies for Shear Reinforcement of Concrete, 01.04

A1045-10(2014)
Specification for Flexible Poly (Vinyl Chloride) (PVC) Gaskets used in Connection of Vitreous China Plumbing Fixtures to Sanitary Drainage Systems, 01.02

A1046/A1046M-14
Specification for Steel Sheet, Zinc-Aluminum-Magnesium Alloy-Coated by the Hot-Dip Process, 01.06

A1047/A1047M-05(2014)
Test Method for Pneumatic Leak Testing of Tubing, 01.01

A1048/A1048M-06(2011)
Specification for Pressure Vessel Forgings, Alloy Steel, Higher Strength Chromium-Molybdenum-Tungsten for Elevated Temperature Service, 01.05

A1049/A1049M-10
Specification for Stainless Steel Forgings, Ferritic/Austenitic (Duplex), for Pressure Vessels and Related Components, 01.05

A1053/A1053M-12^{e1}
Specification for Welded Ferritic-Martensitic Stainless Steel Pipe, 01.01

A1054-14
Specification for Sintered Ceramic Ferrite Permanent Magnets, 03.04

A1055/A1055M-10^{e1}
Specification for Zinc and Epoxy Dual-Coated Steel Reinforcing Bars, 01.04

A1056-12
Specification for Cast Iron Couplings Used for Joining Hubless Cast Iron Soil Pipe and Fittings, 01.02

A1057/A1057M-08(2014)
Specification for Steel, Structural Tubing, Cold Formed, Welded, Carbon, Zinc-Coated (Galvanized) by the Hot-Dip Process, 01.06

A1058-14
Test Methods for Mechanical Testing of Steel Products—Metric, 01.01, 01.02, 01.03, 01.04, 01.05

A1059/A1059M-08(2013)
Specification for Zinc Alloy Thermo-Diffusion Coatings (TDC) on Steel Fasteners, Hardware, and Other Products, 01.06

A1060/A1060M-14
Specification for Zinc-Coated (Galvanized) Steel Welded Wire Reinforcement, Plain and Deformed, for Concrete, 01.04

A1061/A1061M-09
Test Methods for Testing Multi-Wire Steel Strand, 01.04

A1062-10
Specification for Steel Castings Sampling, 01.02



A1063/A1063M-11a
Specification for Steel Sheet, Twin-Roll Cast, Zinc-Coated (Galvanized) by the Hot-Dip Process, 01.06

A1064/A1064M-14
Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete, 01.04

A1065/A1065M-09(2014)
Specification for Cold-Formed Electric-Fusion (Arc) Welded High-Strength Low-Alloy Structural Tubing in Shapes, with 50 ksi 345 MPa Minimum Yield Point, 01.01

A1066/A1066M-11
Specification for High-Strength Low-Alloy Structural Steel Plate Produced by Thermo-Mechanical Controlled Process (TMCP), 01.04

A1067/A1067M-12a
Specification for Test Coupons for Steel Castings, 01.02

A1068-10
Practice for Life-Cycle Cost Analysis of Corrosion Protection Systems on Iron and Steel Products, 01.06

A1069/A1069M-11
Specification for Laser-Fused Stainless Steel Bars, Plates, and Shapes, 01.03

A1071/A1071M-11
Test Method for Evaluating Hygrothermal Corrosion Resistance of Permanent Magnet Alloys, 03.04

A1072/A1072M-11
Specification for Zinc-5 % Aluminum (Hot-Dip) Coatings on Iron and Steel Products, 01.06

A1073/A1073M-14
Practice for Using Hand Micrometers to Measure the Thickness of Nonmetallic and Metallic-Coated Steel Sheet, 01.06

A1074-11
Specification for Hot Tin and Hot Tin/Lead Dip on Ferrous and Non-Ferrous Metals, 01.06

A1075-12
Specification for Flanged Steel U-Channel Posts, 01.05

A1076/A1076M-13
Specification for Cold Formed Carbon Structural Steel Tubing Made from Metallic Precoated Sheet Steel, 01.01

A1077/A1077M-14
Specification for Structural Steel with Improved Yield Strength at High Temperature for Use in Buildings, 01.04

A1078/A1078M-12
Specification for Epoxy-Coated Steel Dowels for Concrete Pavement, 01.04

A1079-13²
Specification for Steel Sheet, Complex Phase (CP), Dual Phase (DP) and Transformation Induced Plasticity (TRIP), Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process, 01.06

A1080-14
Practice for Hot Isostatic Pressing of Steel, Stainless Steel, and Related Alloy Castings, 01.02

A1081/A1081M-12

Test Method for Evaluating Bond of Seven-Wire Steel Prestressing Strand, 01.04

A1082/A1082M-12
Specification for High Strength Precipitation Hardening and Duplex Stainless Steel Bolting for Special Purpose Applications, 01.01

A1083/A1083M-12
Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, Produced by Twin-Roll Casting Process, 01.03

A1084-13
Test Method for Detecting Detrimental Phases in Lean Duplex Austenitic/Ferritic Stainless Steels, 01.03

A1085-13
Specification for Cold-Formed Welded Carbon Steel Hollow Structural Sections (HSS), 01.01

A1086-13
Specification for Thin-Gauge Nonoriented Electrical Steel Fully Processed Types, 03.04

A1087/A1087M-13
Practice for Using Hand Calipers to Measure the Width of Steel Sheet, 01.06

A1088-13
Specification for Steel, Sheet, Cold-Rolled, Complex Phase (CP), Dual Phase (DP) and Transformation Induced Plasticity (TRIP), 01.03

A1089/A1089M-14
Specification for Highly Loaded Anti-Friction Bearing Steel, 01.05

A1090/A1090M-14
Specification for Forged Rings and Hollows Produced from Steels with Atmospheric Corrosion Resistance, 01.05

B. NONFERROUS METALS

B1-13
Specification for Hard-Drawn Copper Wire, 02.03

B2-13
Specification for Medium-Hard-Drawn Copper Wire, 02.03

B3-13
Specification for Soft or Annealed Copper Wire, 02.03

B4
Withdrawn 1981; Specification Tough-Pitch Lake Copper-Refinery Shapes

B5-11
Specification for High Conductivity Tough-Pitch Copper Refinery Shapes, 02.01

B6-13
Specification for Zinc, 02.04

B7
Withdrawn 1941; Specification for Copper-Base Alloys in Ingot Form for Sand Castings; Replaced by B30

B8-11
Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft, 02.03

B9-90(2012)
Specification for Bronze Trolley Wire, 02.03

B10
Withdrawn 1934; Specification for Tin-Bronze and Leaded Tin-Bronze Sand Castings

B11



Withdrawn 1981; Specification for Copper Plates for Locomotive Fireboxes

B12

Withdrawn 1982; Specification for Copper Rods for Locomotive Staybolts; Replaced by B133

B13

Withdrawn 1961; Specification for Seamless Copper Boiler Tubes

B14

Withdrawn 1955; Specification for Seamless Brass Boiler Tubes

B15

Withdrawn 1939; Specification for Copper and Copper-Base Alloy Forging Rod, Bar, and Shapes; Replaced by B124

B16M

Withdrawn 1999; Replaced by B16/B16M

B16/B16M-10

Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines, **02.01**

B17

Withdrawn 1927; Specification for Bronze Castings in the Rough for Locomotive Wearing Parts; Replaced by B66, B67

B18

Withdrawn 1942; Methods of Testing Chemical Analysis of Lead, Tin, and Base Solder Metal; Replaced by E46

B19-10

Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks, **02.01**

B20

Withdrawn 1940; Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks; Combined with B 19

B21M

Withdrawn 2001; Replaced by B21/B21M

B21/B21M-14

Specification for Naval Brass Rod, Bar, and Shapes, **02.01**

B22/B22M-14

Specification for Bronze Castings for Bridges and Turntables, 02.01

B23-00(2014)

Specification for White Metal Bearing Alloys, 02.04

B24

Withdrawn 1956; Specification for Aluminum Ingots for Remelting

B25

Withdrawn 1946; Specification for Aluminum Alloy Sheet and Plate; Replaced by B209

B26/B26M-14^{e1}

Specification for Aluminum-Alloy Sand Castings, **02.02**

B27

Withdrawn 1943; Methods of Testing Chemical Analysis for Sulfur in Special Brasses and Bronzes; Replaced by E54

B28

Withdrawn 1943; Methods of Testing Chemical Analysis of Special Brasses and Bronzes; Replaced by E54

B29-14

Specification for Refined Lead, **02.04**

B30-14a

Specification for Copper Alloys in Ingot Form, 02.01

B31

Withdrawn 1932; Specification for Copper-Base Alloys in Ingot Form for Sand Casting; Replaced by B30

B32-08(2014)

Specification for Solder Metal, **02.04**

B33-10(2014)

Specification for Tin-Coated Soft or Annealed Copper Wire for Electrical Purposes, 02.03

B34

Redesignated 1945 - E53; Method of Battery Assay of Copper

B35

Withdrawn 1942; Methods of Testing Chemical Analysis of Pig Lead; Replaced by E37

B36/B36M-13

Specification for Brass Plate, Sheet, Strip, And Rolled Bar, **02.01**

B37-08(2013)

Specification for Aluminum for Use in Iron and Steel Manufacture, 02.02

B38

Withdrawn 1942; Methods of Testing Chemical Analysis of Slab Zinc (Spelter); Replaced by E40

B39-79(2013)

Specification for Nickel, **02.04**

B40

Withdrawn 1942; Photometric Methods for Chemical Analysis of Aluminum and Aluminum Base Alloys; Replaced by E34

B41

Withdrawn 1942; Method for Testing Chemical Analysis of Nickel; Replaced by E39

B42-10

Specification for Seamless Copper Pipe, Standard Sizes, **02.01**

B43-14

Specification for Seamless Red Brass Pipe, Standard Sizes, 02.01

B44

Withdrawn 1937; Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock; Replaced by B111

B45

Withdrawn 1942; Methods for Testing Chemical Analysis of Brasses

B46

Withdrawn 1943; Methods of Testing Chemical Analysis for Sulfur in Special Brasses and Bronzes; Replaced by E54

B47-95a(2012)

Specification for Copper Trolley Wire, **02.03**

B48-00(2011)

Specification for Soft Rectangular and Square Bare Copper Wire for Electrical Conductors, 02.03

B49-10

Specification for Copper Rod Drawing Stock for Electrical Purposes, 02.01

B50

Withdrawn 1937; Specification for Non-Ferrous Insect Screen Cloth

B51



Withdrawn 1945; Specification for Phosphor Tin
B52

Withdrawn 1980; Specification for Phosphor Copper;
Replaced by B644

B53
Withdrawn 1980; Specification for Silicon Copper;
Replaced by B644

B54
Withdrawn 1941; Specification for High-Strength Yellow
Brass (Manganese Bronze) and Leaded High-Strength
Yellow Brass (Leaded Manganese Bronze) Sand Cast-
ings
B55

Withdrawn 1937; Specification for Seamless 70-30
Brass Condenser Tubes and Ferrule Stock
B56

Withdrawn 1937; Specification for Seamless Muntz
Metal Condenser Tubes and Ferrule Stock; Replaced by
B111

B57
Withdrawn 1942; Specification for Copper-Alloy Con-
denser Tube Plates; Replaced by B171
B58

Withdrawn 1946; Specification for Aluminum-Base
Alloys in Ingot Form for Sand Castings; Replaced by
B179
B59

Withdrawn 1941; Specification for Aluminum-Bronze
Sand Castings; Replaced by B148
B60

Withdrawn 1944; Specification for Tin-Bronze and
Leaded Tin-bronze Sand Castings; Replaced by B143
B61-08(2013)

Specification for Steam or Valve Bronze Castings, **02.01**
B62-09

Specification for Composition Bronze or Ounce Metal
Castings, 02.01

B63-07(2013)
Test Method for Resistivity of Metallicly Conducting
Resistance and, 02.04

B64
Withdrawn 1952; Specification for Brazing Solder
B65

Withdrawn 1938; Specification for Lead Yellow Brass
Sand Castings for General Purposes
B66-06(2013)^{e1}

Specification for Bronze Castings for Steam Locomotive
Wearing Parts, **02.01**

B67-14
Specification for Car and Tender Journal Bearings,
Lined, 02.01

B68M
Withdrawn 2011; Specification for Seamless Copper
Tube, Bright Annealed [Metric]
B68/B68M-11

Specification for Seamless Copper Tube, Bright
Annealed, **02.01**

B69-13
Specification for Rolled Zinc, 02.04

B70-90(2013)
Test Method for Change of Resistance With Tempera-
ture of Metallic Materials for Electrical Heating, 02.04

B71
Withdrawn 1942; Methods of Testing Chemical Analy-
sis of Nickel-Chromium and Nickel-Chromium-Iron Alloys
B72

Withdrawn 1977; Specification for Fire-Refined Casting
Copper
B73

Withdrawn 1953; Specification for Silver Solders
B74

Withdrawn 1941; Specification for High-Leaded Tin-
Bronze Sand Castings
B75/B75M-11

Specification for Seamless Copper Tube, **02.01**
B76-90(2013)

Test Method for Accelerated Life of Nickel-Chromium
and Nickel-Chromium-Iron Alloys for Electrical Heat-
ing, 02.04

B77-07(2013)
Test Method for Thermoelectric Power of Electrical-
Resistance Alloys, 02.04

B78-90(2013)
Test Method of Accelerated Life of Iron-Chromium-
Aluminum Alloys for Electrical Heating, 02.04

B79
Withdrawn 1946; Specification for Aluminum and Alu-
minum Alloy Sheet and Plate; Replaced by B209
B80-15

Specification for Magnesium-Alloy Sand Castings, **02.02**
B81

Withdrawn 1944; Methods of Chemical Analysis of Sil-
ver Solders; Replaced by E56
B82

Withdrawn 1959; Specification for Drawn or Rolled
Alloy 80 Percent Nickel, 20 Percent Chromium, for
Electrical-Heating Elements; Replaced by B344
B83

Withdrawn 1959; Specification for Drawn or Rolled
Alloy, 60 Percent Nickel, 16 Percent Chromium, and Bal-
ance Iron, for Electrical-Heating Elements; Replaced by
B344
B84-07(2013)

Test Method for Temperature-Resistance Constants of
Alloy Wires for Precision Resistors, **02.04**

B85/B85M-14
Specification for Aluminum-Alloy Die Castings, 02.02
B86-13

Specification for Zinc and Zinc-Aluminum (ZA) Alloy
Foundry and Die Castings, 02.04

B87
Withdrawn 1938; Specification for Hard-Drawn Copper
Transmission Cable; Replaced by B8
B88-14

Specification for Seamless Copper Water Tube, **02.01**
B88M-13

Specification for Seamless Copper Water Tube (Met-
ric), 02.01

B89
Withdrawn 1946; Specification for Aluminum and
Aluminum- Alloy Bars, Rods, and Wire; Replaced by
B211
B90M

Withdrawn 1993; Replaced by B90/B90M



B90/B90M-13

Specification for Magnesium-Alloy Sheet and Plate, **02.02**

B91-12

Specification for Magnesium-Alloy Forgings, 02.02

B92M

Withdrawn 1990; Replaced by B92/B92M

B92/B92M-11

Specification for Unalloyed Magnesium Ingot and Stick For Remelting, **02.02**

B93M

Withdrawn 1990; Replaced by B93/B93M

B93/B93M-15

Specification for Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, **02.02**

B94-13

Specification for Magnesium-Alloy Die Castings, 02.02

B95

Withdrawn 1985; Method of Testing Linear Expansion of Metals; Replaced by E2284

B96M

Withdrawn 1999; Replaced by B96/B96M

B96/B96M-11

Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels, **02.01**

B97

Withdrawn 1982; Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes; Combined with B 96

B98M

Withdrawn 1998; Replaced by B98/B98M

B98/B98M-13

Specification for Copper-Silicon Alloy Rod, Bar and Shapes, **02.01**

B99M

Withdrawn 1996; Replaced by B99/B99M

B99/B99M-11

Specification for Copper-Silicon Alloy Wire for General Applications, **02.01**

B100-13

Specification for Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use, 02.01

B101-12

Specification for Lead-Coated Copper Sheet and Strip for Building Construction, 02.01

B102

Withdrawn 2011; Specification for Lead- and Tin-Alloy Die Castings

B103/B103M-10

Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar, **02.01**

B104

Withdrawn 1937; Specification for Seamless Copper-Nickel Alloy Condenser Tubes and Ferrule Stock; Replaced by B111

B105-05(2012)

Specification for Hard-Drawn Copper Alloy Wires for Electric Conductors, **02.03**

B106-08(2013)

Test Methods for Flexivity of Thermostat Metals, 02.04

B107M

Withdrawn 1992; Replaced by B107/B107M

B107/B107M-13

Specification for Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire, **02.02**

B108/B108M-15

Specification for Aluminum-Alloy Permanent Mold Castings, 02.02

B109

Withdrawn 1946; Specification for Aluminum and Aluminum Alloy Sheet and Plate; Replaced by B209

B110

Withdrawn 1982; Method of Testing Dielectric Strength of Anodically Coated Aluminum

B111M

Withdrawn 2004; Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock [Metric]

B111/B111M-11

Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock, **02.01**

B112

Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form for Sand Die Castings; Replaced by B179

B113

Redesignated 1954 - F113; Method for Bend Testing of Wire (Wire for Radio Tubes and Incandescent Lamps)

B114-07(2013)

Test Method for Temperature-Resistance Constants of Sheet Materials for Shunts and Precision Resistors, **02.04**

B115-10

Specification for Electrolytic Copper Cathode, 02.01

B116-95(2012)

Specification for Figure-9 Deep-Grooved and Figure-8 Copper Trolley Wire for Industrial Haulage, 02.03

B117-11

Practice for Operating Salt Spray (Fog) Apparatus, 03.02

B118

Withdrawn 1948; Specification for Nickel and Nickel-Alloy Wire and Ribbon for Electronic Tube Filaments

B119

Withdrawn 1976; Classification of Cast Copper-Base Alloys; Replaced by B30, B584

B120

Withdrawn 1940; Specification for Copper-Base Alloys in Ingot Form for Sand Casting; Replaced by B30

B121/B121M-11

Specification for Leaded Brass Plate, Sheet, Strip, and Rolled Bar, **02.01**

B122/B122M-11

Specification for Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar, 02.01

B123

Withdrawn 1939; Specification for Copper-Base Alloys in Ingot Form for Sand Castings; Replaced by B30

B124M



Withdrawn 2000; Replaced by B124/B124M
B124/B124M-14a
Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes, **02.01**

B125
Withdrawn 1946; Specification for Aluminum-Base Alloys in Ingot Form for Sand Castings, Die Castings, and Permanent Mold Castings; Replaced by B179
B126

Withdrawn 1947; Specification for Aluminum-Manganese Alloy Sheet and Plate for Use in Welded Pressure Vessels; Replaced by B209
B127-05(2014)

Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip, **02.04**

B128
Withdrawn 1955; Methods of Testing Sleeves and Tubing for Radio Tube Cathodes

B129-12
Specification for Cartridge Brass Cartridge Case Cups, **02.01**

B130-13
Specification for Commercial Bronze Strip for Bullet Jackets, 02.01

B131-12
Specification for Copper Alloy Bullet Jacket Cups, 02.01

B132
Withdrawn 1973; Specification for Leaded High-Strength Yellow Brass (Manganese Bronze) Sand Castings; Replaced by B584

B133
Withdrawn 1994; Specification for Copper Rod, Bar, and Shapes; Replaced by B187

B133M
Withdrawn 1994; Specification for Copper Rod, Bar, and Shapes [Metric]; Replaced by B187M

B134/B134M-08
Specification for Brass Wire, **02.01**

B135-10
Specification for Seamless Brass Tube, 02.01

B135M-10
Specification for Seamless Brass Tube Metric, 02.01
B136-84(2013)

Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum, 02.05

B137-95(2014)
Test Method for Measurement of Coating Mass Per Unit Area on Anodically Coated Aluminum, 02.05

B138M
Withdrawn 2001; Replaced by B138/B138M
B138/B138M-11

Specification for Manganese Bronze Rod, Bar, and Shapes, **02.01**

B139M
Withdrawn 2001; Replaced by B139/B139M
B139/B139M-12

Specification for Phosphor Bronze Rod, Bar, and Shapes, **02.01**

B140M
Withdrawn 1997; Replaced by B140/B140M
B140/B140M-12

Specification for Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes, **02.01**
B141

Withdrawn 1967; Specification for Electrodeposited Coatings of Nickel and Chromium on Copper and Copper-Base Alloys; Replaced by B456

B142
Withdrawn 1967; Specification for Electrodeposited Coatings of Nickel and Chromium on Zinc and Zinc-Base Alloys; Replaced by B456

B143
Withdrawn 1973; Specification for Tin-Bronze and Leaded Tin-Bronze Sand Castings; Replaced by B584
B144

Withdrawn 1973; Specification for High-Leaded Tin-Bronze Sand Castings; Replaced by B584
B145

Withdrawn 1973; Specification for Leaded Red Brass and Leaded Semi-Red Brass Sand Castings; Replaced by B584

B146
Withdrawn 1973; Specification for Leaded Yellow Brass Sand Castings for General Purposes; Replaced by B584
B147

Withdrawn 1973; Specification for High-Strength Yellow Brass (Manganese Bronze) and Leaded High-Strength Yellow Brass (Leaded Manganese Bronze) Sand Castings; Replaced by B584

B148-14
Specification for Aluminum-Bronze Sand Castings, **02.01**
B149

Withdrawn 1973; Specification for Leaded Nickel-Brass (Leaded Nickel-Silver) and Leaded Nickel-Bronze (Leaded Nickel-silver); Replaced by B584

B150M
Withdrawn 2002; Replaced by B150/B150M

B150/B150M-12
Specification for Aluminum Bronze Rod, Bar, and Shapes, **02.01**

B151M
Withdrawn 2000; Replaced by B151/B151M

B151/B151M-13
Specification for Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar, **02.01**

B152M
Withdrawn 2000; Replaced by B152/B152M

B152/B152M-13
Specification for Copper Sheet, Strip, Plate, and Rolled Bar, **02.01**

B153-11
Test Method for Expansion (Pin Test) of Copper and Copper-Alloy Pipe and Tubing, 02.01

B154-12
Test Method for Mercurous Nitrate Test for Copper Alloys, 02.01

B155
Redesignated 1954 - F155; Method of Test for Temper of Strip and Sheet Metals for Electronic Devices (Spring-Back Method)

B156
Withdrawn 1948; Method of Testing Local Thickness of Electrodeposited Coatings; Replaced by F219



B157

Withdrawn 1955; Methods of Testing Wire for Supports Used in Electronic Devices and Lamps

B158

Withdrawn 1942; Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members for Electrical Conductors; Replaced by B172, B173, B174

B159M

Withdrawn 2001; Replaced by B159/B159M

B159/B159M-11

Specification for Phosphor Bronze Wire, **02.01**

B160-05(2014)

Specification for Nickel Rod and Bar, 02.04

B161-05(2014)

Specification for Nickel Seamless Pipe and Tube, 02.04

B162-99(2014)

Specification for Nickel Plate, Sheet, and Strip, 02.04

B163-11^{e2}

Specification for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes, 02.04

B164-03(2014)

Specification for Nickel-Copper Alloy Rod, Bar, and Wire, 02.04

B165-05(2014)

Specification for Nickel-Copper Alloy (UNS N04400) Seamless Pipe and Tube, 02.04

B166-11

Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire, 02.04

B167-11

Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube, 02.04

B168-11

Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696), Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617), and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip, 02.04

B169M

Withdrawn 2001; Replaced by B169/B169M

B169/B169M-10

Specification for Aluminum Bronze Sheet, Strip, and Rolled Bar, **02.01**

B170-99(2010)^{e1}

Specification for Oxygen-Free Electrolytic Copper—Refinery Shapes, 02.01

B171M

Withdrawn 1999; Replaced by B171/B171M

B171/B171M-12

Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers, **02.01**

B172-10

Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors, 02.03

B173-10

Specification for Rope-Lay-Stranded Copper Conductors Having Concentric-Stranded Members, for Electrical Conductors, 02.03

B174-10

Specification for Bunch-Stranded Copper Conductors for Electrical Conductors, 02.03

B175

Withdrawn 1955; Specification for Round Nickel Wire for Lamps and Electric Devices

B176-14

Specification for Copper-Alloy Die Castings, **02.01**

B177/B177M-11

Guide for Engineering Chromium Electroplating, 02.05

B178

Withdrawn 1957; Specification for Aluminum-Alloy Sheet and Plate for Pressure Vessel Application; Replaced by B209

B179-14

Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes, **02.02**

B180

Redesignated 1954 - F180; Method of Test for Density of Fine Wire and Ribbon for Electronic Devices

B181

Withdrawn 1970; Method of Testing Effect of Controlled Atmospheres Upon Alloys in Electric Furnaces

B182

Withdrawn 1982; Method for Life Test of Electrical Contact Materials

B183-79(2014)

Practice for Preparation of Low-Carbon Steel for Electroplating, **02.05**

B184

Withdrawn 1969; Specification for Aluminum and Aluminum-Alloy Metal Arc-Welding Electrodes

B185

Withdrawn 1964; Method of Total Immersion Corrosion Test of Non-Ferrous Metals

B186

Withdrawn 1946; Specification for Special Quality Zinc-Base Alloy Die Castings

B187M

Withdrawn 2002; Replaced by B187/B187M

B187/B187M-11

Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes, **02.01**

B188-10

Specification for Seamless Copper Bus Pipe and Tube, 02.01

B189-05(2010)

Specification for Lead-Coated and Lead-Alloy-Coated Soft Copper Wire for Electrical Purposes, 02.03

B190

Withdrawn 1961; Specification for Chromium-Nickel-Iron Alloy Castings (25-12 Class) for High-Temperature Service; Replaced by A447

B191



Withdrawn 1956; Method of Testing Equivalent Yield Stress of Thermostat Metals; Replaced by B305
B192

Withdrawn 1964; Method of Alternate Immersion Corrosion Testing of Non-Ferrous Metals
B193-02(2014)

Test Method for Resistivity of Electrical Conductor Materials, **02.03**

B194-08
Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, 02.01

B195
Withdrawn 1952; Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar; Combined with B 194

B196M
Withdrawn 2001; Replaced by B196/B196M
B196/B196M-07(2013)

Specification for Copper-Beryllium Alloy Rod and Bar, **02.01**

B197M
Withdrawn 1998; Replaced by B197/B197M
B197/B197M-07(2013)

Specification for Copper-Beryllium Alloy Wire, **02.01**

B198
Withdrawn 1973; Specification for Silicon Bronze and Silicon Brass Sand Castings; Replaced by B584
B199-12

Specification for Magnesium-Alloy Permanent Mold Castings, **02.02**

B200-85(2009)
Specification for Electrodeposited Coatings of Lead and Lead-Tin Alloys on Steel and Ferrous Alloys, 02.05

B201-80(2014)
Practice for Testing Chromate Coatings on Zinc and Cadmium Surfaces, 02.05

B202
Withdrawn 1973; Specification for Metal Powder Sintered Bearings (Oil Impregnated); Replaced by B438, B439

B203
Withdrawn 1955; Method of Testing Strength of Welded Joints of Lead Wires for Electronic Devices and Lamps
B204

Redesignated 1954 - F204; Method of Test for Surface Flaws in Tungsten Seal Rod and Wire
B205

Redesignated 1954 - F205; Method of Test for Diameter by Weighing of Fine Wire Used in Electronic Devices and Lamps

B206M
Withdrawn 1997; Replaced by B206/B206M
B206/B206M-12

Specification for Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire, **02.01**

B207
Redesignated A448
B208-14

Practice for Preparing Tension Test Specimens for Copper Alloy Sand, Permanent Mold, Centrifugal, and Continuous Castings, **02.01**

B209-14
Specification for Aluminum and Aluminum-Alloy Sheet and Plate, 02.02

B209M-14
Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric), 02.02

B210-12
Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes, 02.02

B210M-12
Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric), 02.02

B211-12^{c1}
Specification for Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire, 02.02

B211M-12^{c1}
Specification for Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric), 02.02

B212-13
Test Method for Apparent Density of Free-Flowing Metal Powders Using the Hall Flowmeter Funnel, 02.05

B213-13
Test Methods for Flow Rate of Metal Powders Using the Hall Flowmeter Funnel, 02.05

B214-07(2011)
Test Method for Sieve Analysis of Metal Powders, 02.05

B215-10
Practices for Sampling Metal Powders, 02.05

B216-10
Specification for Tough-Pitch Fire-Refined Copper—Refinery Shapes, 02.01

B217
Withdrawn 1965; Specification for Magnesium-Base Alloy Extruded Tubes; Combined with B 107

B218
Redesignated 1954 - F218; Method for Measuring Residual Stress In Cylindrical Metal-to-Glass Seals

B219
Redesignated 1954 - F219; Methods of Testing Fine Round and Flat Wire for Electronic Devices

B220
Withdrawn 1955; Methods of Tension Testing Metallic Materials

B221-14
Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes, **02.02**

B221M-13
Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric), 02.02

B222
Withdrawn 1989; Specification for Sintered Iron-Copper Structural Parts; Replaced by B783

B223-08(2013)
Test Method for Modulus of Elasticity of Thermostat Metals (Cantilever Beam Method), **02.04**

B224-14
Classification of Coppers, 02.01

B225



Withdrawn 1969; Specification for Copper and Copper-Alloy Arc-Welding Electrodes

B226-11

Specification for Cored, Annular, Concentric-Lay-Stranded Copper Conductors, **02.03**

B227-10

Specification for Hard-Drawn Copper-Clad Steel Wire, 02.03

B228-11a

Specification for Concentric-Lay-Stranded Copper-Clad Steel Conductors, 02.03

B229-12

Specification for Concentric-Lay-Stranded Copper and Copper-Clad Steel Composite Conductors, 02.03 B230M

Withdrawn 1999; Replaced by B230/B230M

B230/B230M-07(2012)

Specification for Aluminum 1350–H19 Wire for Electrical Purposes, **02.03**

B231M

Withdrawn 1999; Replaced by B231/B231M

B231/B231M-12

Specification for Concentric-Lay-Stranded Aluminum 1350 Conductors, **02.03**

B232M

Withdrawn 1999; Replaced by B232/B232M

B232/B232M-11

Specification for Concentric-Lay-Stranded Aluminum Conductors, Coated-Steel Reinforced (ACSR), **02.03**

B233-97(2012)

Specification for Aluminum 1350 Drawing Stock for Electrical Purposes, 02.03

B234-10

Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, 02.02

B234M-10

Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers (Metric), 02.02

B235

Withdrawn 1963; Specification for Aluminum Alloy Extruded Tubes; Combined with B 221

B236-07

Specification for Aluminum Bars for Electrical Purposes (Bus Bars), **02.02**

B236M-07

Specification for Aluminum Bars for Electrical Purposes (Bus Bars) (Metric), 02.02

B237-01(2014)

Specification for Refined Antimony, 02.04

B238

Redesignated 1954 - F238; Recommended Practice for Cathode Melt Prove-in Testing

B239

Redesignated 1954 - F239; Specification for Circular Cross-Section Nickel Cathode Sleeves for Electronic Devices

B240-13

Specification for Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings, **02.04**

B241M

Withdrawn 1987; Replaced by B241/B241M B241/B241M-12^{e1}

Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, **02.02**

B242-99(2014)

Guide for Preparation of High-Carbon Steel for Electroplating, 02.05

B243-13

Terminology of Powder Metallurgy, 02.05

B244-09(2014)

Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments, 02.05

B245

Withdrawn 1969; Specification for Standard Weight Zinc-Coated (Galvanized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR); Replaced by B498 B246-05(2010)

Specification for Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposes, **02.03**

B247-09

Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings, 02.02

B247M-09

Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric), 02.02

B248-12

Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar, 02.01

B248M-12

Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar (Metric), 02.01

B249M

Withdrawn 2000; Replaced by B249/B249M

B249/B249M-14

Specification for General Requirements for Wrought Copper and Copper-Alloy Rod, Bar, Shapes and Forgings, **02.01**

B250M

Withdrawn 2001; Replaced by B250/B250M

B250/B250M-13

Specification for General Requirements for Wrought Copper Alloy Wire, **02.01**

B251-10

Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube, 02.01

B251M-10

Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube (Metric), 02.01

B252-92(2014)

Guide for Preparation of Zinc Alloy Die Castings for Electroplating and Conversion Coatings, 02.05

B253-11

Guide for Preparation of Aluminum Alloys for Electroplating, 02.05

B254-92(2014)



Practice for Preparation of and Electroplating on Stainless Steel, 02.05

B255

Withdrawn 2000; Specification for Sintered Bronze Structural Parts

B256

Redesignated 1954 - F256; Specification for 17 % Chromium-Iron Alloy for Sealing to Glass

B257

Redesignated 1954 - F257; Specification for 28 % Chromium-Iron Alloy for Sealing to Glass

B258-14

Specification for Standard Nominal Diameters and Cross-Sectional Areas of AWG Sizes of Solid Round Wires Used as Electrical Conductors, **02.03**

B259

Withdrawn 1969; Specification for Copper and Copper-Alloy Welding Rods

B260

Withdrawn 1969; Specification for Brazing Filler Metal

B261

Withdrawn 1969; Specification for Zinc-Coated (Galvanized) Steel Core Wire (with Coatings Heavier than Standard Weight) for Aluminum Conductors, Steel Reinforced (ACSR); Replaced by B498

B262

Withdrawn 1978; Specification for Aluminum Wire, EC-H16 or -H26, for Electrical Purposes; Replaced by B609

B263/B263M-14

Test Method for Determination of Cross-Sectional Area of Stranded Conductors, **02.03**

B264

Withdrawn 1955; Specification for Titanium Ingot

B265-13a^{e1}

Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate, **02.04**

B266

Withdrawn 1955; Specification for Iodide Titanium

B267-07(2013)

Specification for Wire for Use In Wire-Wound Resistors, **02.04**

B268

Redesignated 1954 - F268; Specification for Round Chromium-Copper Wire for Electronic Devices

B269

Redesignated 1954 - F269; Method of Test for Sag of Tungsten Wire

B270

Redesignated 1954 - F270; Method of Test for Relative Thermionic Emissive Properties of Materials Used in Electron Tubes

B271/B271M-14a

Specification for Copper-Base Alloy Centrifugal Castings, **02.01**

B272-12

Specification for Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip), 02.01

B273

Withdrawn 1957; Specification for Aluminum and Aluminum-Alloy Bars, Rods, and Shapes for Pressure Vessel Applications; Replaced by B211, B221,

B308/B308M

B274

Withdrawn 1957; Specification for Aluminum and Aluminum-Alloy Pipe and Tube for Pressure Vessel Applications; Replaced by B210

B275-14

Practice for Codification of Certain Zinc, Tin and Lead Die Castings, **02.04**

B276-05(2010)

Test Method for Apparent Porosity in Cemented Carbides, 02.05

B277-95(2012)

Test Method for Hardness of Electrical Contact Materials, 02.04

B278

Redesignated 1954 - F278; Method of Test for Sublimation Characteristics of Metallic Materials by Electrical Resistance

B279-13

Test Method for Stiffness of Bare Soft Square and Rectangular Copper and Aluminum Wire for Magnet Wire Fabrication, **02.03**

B280-13

Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, 02.01

B281-88(2013)

Practice for Preparation of Copper and Copper-Base Alloys for Electroplating and Conversion Coatings, 02.05

B282

Withdrawn 2000; Specification for Sintered Brass Structural Parts

B283/B283M-14a

Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed), **02.01**

B284

Withdrawn 1991; Specification for Rosin Flux-Core Solder

B285

Withdrawn 1969; Specification for Aluminum and Aluminum-Alloy Welding Rods and Bare Electrodes

B286-07(2012)

Specification for Copper Conductors for Use in Hookup Wire for Electronic Equipment, **02.03**

B287

Withdrawn 1988; Method of Acetic Acid-Salt Spray (Fog) Testing

B288

Redesignated 1954 - F288; Specification for Tungsten Wire under 20 mils in Diameter

B289

Redesignated 1954 - F289; Specification for Molybdenum Wire under 20 mils in Diameter

B290

Redesignated 1954 - F290; Specification for Round Wire for Use as Electron Tube Grid Laterals and Verticals

B291

Withdrawn 1992; Specification for Copper-Zinc-Manganese Alloy (Manganese Brass) Sheet and Strip

B292

Withdrawn 1973; Specification for Nickel-Tin Bronze Castings; Replaced by B584



B293

Withdrawn 1985; Method of Subsieve Analysis of Granular Metal Powders by Air Classification

B294-10

Test Method for Hardness Testing of Cemented Carbides, **02.05**

B295

Withdrawn 1969; Specification for Nickel and Nickel-Alloy Covered Welding Electrodes

B296-03(2014)

Practice for Temper Designations of Magnesium Alloys, Cast and Wrought, **02.02**

B297

Withdrawn 1969; Specification for Tungsten Arc-Welding Electrodes

B298-12

Specification for Silver-Coated Soft or Annealed Copper Wire, **02.03**

B299-13

Specification for Titanium Sponge, 02.04

B300

Redesignated 1054 - F300; Test Method for Interface Impedance Characteristics of Tube Cathodes

B301M

Withdrawn 1999; Replaced by B301/B301M

B301/B301M-13

Specification for Free-Cutting Copper Rod, Bar, Wire, and Shapes, **02.01**

B302-12

Specification for Threadless Copper Pipe, Standard Sizes, 02.01

B303

Withdrawn 1990; Specification for Copper-Infiltrated Sintered Carbon Steel Structural Parts; Replaced by B783

B304

Withdrawn 1969; Specification for Nickel and Nickel-Alloy Bare Welding Rods and Electrodes

B305

Withdrawn 1986; Test Method for Maximum Loading Stress at Temperature of Thermostat Metals (Cantilever Beam Method)

B306-13

Specification for Copper Drainage Tube (DWV), **02.01**

B307

Withdrawn 1968; Specification for Aluminum-Alloy Drawn Seamless Coiled Tubes for Special Purpose Applications; Replaced by B210

B308M

Withdrawn 1991; Replaced by B308/B308M

B308/B308M-10

Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles, **02.02**

B309

Withdrawn 1964; Specification for High Density Iron, Sintered Metal Powder Structural Parts; Combined with B310

B310

Withdrawn 1990; Specification for Sintered Carbon Steel Structural Parts; Replaced by B783

B311-13

Test Method for Density of Powder Metallurgy (PM) Mate-

rials Containing Less Than Two Percent Porosity, **02.05**

B312-14
Test Method for Green Strength of Specimens Compacted from Metal Powders, 02.05

B313M

Withdrawn 1991; Replaced by B313/B313M

B313/B313M-09

Specification for Aluminum and Aluminum-Alloy Round Welded Tubes, **02.02**

B314

Withdrawn 1994; Specification for Aluminum 1350 Wire for Communication Cable

B315-12

Specification for Seamless Copper Alloy Pipe and Tube, **02.01**

B316M

Withdrawn 1993; Replaced by B316/B316M

B316/B316M-10

Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods, **02.02**

B317/B317M-07

Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, Structural Profiles, and Profiles for Electrical Purposes (Bus Conductor), 02.02

B318

Withdrawn 1963; Specification for Type A and Type B Aluminum-Alloy Drawn Annealed Seamless Coiled Tubes; Combined with B307

B319-91(2014)

Guide for Preparation of Lead and Lead Alloys for Electroplating, **02.05**

B320-60(2013)

Practice for Preparation of Iron Castings for Electroplating, 02.05

B321

Withdrawn 1963; Recommended Practice for Dimension Standards for Projection Welding Contacts

B322-99(2014)

Guide for Cleaning Metals Prior to Electroplating, **02.05**

B323

Withdrawn 1990; Specification for Aluminum Wire, EC-H14 or -H24, for Electrical Purposes; Replaced by B609

B324-01(2012)

Specification for Aluminum Rectangular and Square Wire for Electrical Purposes, **02.03**

B325

Withdrawn 1965; Specification for Refined Secondary Lead

B326

Withdrawn 1991; Test Method for Resistance Characteristics of Microcontacts

B327-13a

Specification for Master Alloys Used in Making Zinc Die Casting Alloys, **02.04**

B328

Withdrawn 2009; Test Method for Density, Oil Content, and Interconnected Porosity of Sintered Metal Structural Parts and Oil-Impregnated Bearings; Replaced by B962 and B963

B329-14

Test Method for Apparent Density of Metal Powders and



Compounds Using the Scott Volumeter, **02.05**

B330-12

Test Methods for Estimating Average Particle Size of Metal Powders and Related Compounds Using Air Permeability, 02.05

B331-10

Test Method for Compressibility of Metal Powders in Uniaxial Compaction, 02.05

B332

Redesignated 1962 - A494; Specification for Nickel-Molybdenum and Nickel-Molybdenum-Chromium Alloy Castings

B333-03(2013)

Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip, **02.04**

B334

Withdrawn 1980; Specification for Nickel-Molybdenum-Chromium Alloy (UNS N10002) Plate and Sheet

B335-03(2013)

Specification for Nickel-Molybdenum Alloy Rod, **02.04**

B336

Withdrawn 1980; Specification for Nickel-Molybdenum-Chromium Alloy (UNS N10002) Rod

B337

Withdrawn 1997; Specification for Seamless and Welded Titanium and Titanium Alloy Pipe; Replaced by B861 and B862

B338-14

Specification for Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers, **02.04**

B339-12

Specification for Pig Tin, 02.04

B340

Withdrawn 1991; Test Method for Surety of Make of Electrical Contact Materials

B341/B341M

Withdrawn 2007; Specification for Aluminum-Coated (Aluminized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR/AZ)

B342

Withdrawn 1985; Test Method for Electrical Conductivity by Use of Eddy Currents; Replaced by E1004

B343-92a(2014)

Practice for Preparation of Nickel for Electroplating with Nickel, **02.05**

B344-14

Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements, 02.04

B345M

Withdrawn 1998—Combined with B 345

B345/B345M-11

Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems, **02.02**

B346

Withdrawn 1966; Specification for Machinable High-Density Tungsten-Nickel-Copper Alloys

B347

Withdrawn 1992; Test Method for Hardness of Sintered Metal Friction Materials

B348-13

Specification for Titanium and Titanium Alloy Bars and Billets, **02.04**

B349/B349M-09

Specification for Zirconium Sponge and Other Forms of Virgin Metal for Nuclear Application, 02.04

B350/B350M-11

Specification for Zirconium and Zirconium Alloy Ingots for Nuclear Application, 02.04

B351/B351M-13

Specification for Hot-Rolled and Cold-Finished Zirconium and Zirconium Alloy Bars, Rod, and Wire for Nuclear Application, 02.04

B352/B352M-11

Specification for Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application, 02.04

B353-12

Specification for Wrought Zirconium and Zirconium Alloy Seamless and Welded Tubes for Nuclear Service (Except Nuclear Fuel Cladding), 02.04

B354-12

Terminology Relating to Uninsulated Metallic Electrical Conductors, 02.03

B355-11

Specification for Nickel-Coated Soft or Annealed Copper Wire, 02.03

B356

Withdrawn 1976; Specification for Zirconium and Zirconium Alloy Forgings and Extrusions for Nuclear Application

B357

Withdrawn 1987; Specification for Remelted Lithium Metal in Ingot Form

B358

Withdrawn 1980; Specification for Copper-Nickel Addition Alloy; Replaced by B644

B359M

Withdrawn 2002; Replaced by B359/B359M

B359/B359M-12^{e1}

Specification for Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins, **02.01**

B360-09

Specification for Hard-Drawn Copper Capillary Tube for Restrictor Applications, 02.01

B361-08

Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings, 02.02

B362-91(2008)

Test Method for Mechanical Torque Rate of Spiral Coils of Thermostat Metal, 02.04

B363-14

Specification for Seamless and Welded Unalloyed Titanium and Titanium Alloy Welding Fittings, 02.04

B364-96(2009)

Specification for Tantalum and Tantalum Alloy Ingots, 02.04

B365-12

Specification for Tantalum and Tantalum Alloy Rod and Wire, 02.04

B366-10a

Specification for Factory-Made Wrought Nickel and



Nickel Alloy Fittings, 02.04

B367-13

Specification for Titanium and Titanium Alloy Castings, 02.04

B368-09(2014)

Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test), 02.05

B369-09

Specification for Copper-Nickel Alloy Castings, 02.01

B370-12

Specification for Copper Sheet and Strip for Building Construction, 02.01

B371/B371M-08(2013)

Specification for Copper-Zinc-Silicon Alloy Rod, 02.01

B372-12a

Specification for Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, 02.01

B373

Withdrawn 2015; Specification for Aluminum Foil for

Capacitors

B374-06(2011)

Terminology Relating to Electroplating, 02.05

B375

Withdrawn 1967; Specification for Electrodeposited Coatings of Multi-Layer Nickel Plus Chromium on Steel; Replaced by B456

B376

Withdrawn 1992; Test Method for Density of Sintered Metal Friction Materials

B377

Withdrawn 1972; Specification for Steel Backed Metal Powder Bearing and Bushing Alloys

B378

Withdrawn 1992; Test Method for Transverse Rupture Strength of Sintered Metal Friction Materials

B379-11

Specification for Phosphorized Coppers—Refinery Shapes, 02.01

B380-97(2013)

Test Method for Corrosion Testing of Decorative Electrodeposited Coatings by the CorrodKote Procedure, 02.05

B381-13

Specification for Titanium and Titanium Alloy Forgings, 02.04

B382

Withdrawn 1969; Specification for Titanium and Titanium Alloy Bare Welding Rods and Electrodes

B383

Withdrawn 1980; Specification for Primary Niobium

B384

Withdrawn 1986; Specification for Molybdenum and Molybdenum Alloy Forgings

B385

Withdrawn 1986; Specification for Molybdenum and Molybdenum Alloy Billets for Reforging

B386-03(2011)

Specification for Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil, 02.04

B387-10

Specification for Molybdenum and Molybdenum Alloy Bar, Rod, and Wire, 02.04

B388-06(2012)

Specification for Thermostat Metal Sheet and Strip, 02.04

B389-81(2008)

Test Method for Thermal Deflection Rate of Spiral and Helical Coils of Thermostat Metal, 02.04

B390

Withdrawn 2010; Practice for Evaluating Apparent Grain Size and Distribution of Cemented Tungsten Carbides

B391-09^{e1}

Specification for Niobium and Niobium Alloy Ingots, 02.04

B392-09^{e1}

Specification for Niobium and Niobium Alloy Bar, Rod, and Wire, 02.04

B393-09^{e1}

Specification for Niobium and Niobium Alloy Strip, Sheet, and Plate, 02.04

B394-09^{e1}

Specification for Niobium and Niobium Alloy Seamless and Welded Tubes, 02.04

B395M

Withdrawn 2002; Replaced by B395/B395M

B395/B395M-13

Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes, 02.01

B396

Withdrawn 2003; Specification for Aluminum-Alloy 5005-H19 Wire for Electrical Purposes

B397

Withdrawn 2003; Specification for Concentric-Lay-Stranded Aluminum-Alloy 5005-H19 Conductors

B398M

Withdrawn 1999; Replaced by B398/B398M

B398/B398M-14

Specification for Aluminum-Alloy 6201-T81 and 6201-T83 Wire for Electrical Purposes, 02.03

B399M

Withdrawn 1999; Replaced by B399/B399M

B399/B399M-04(2010)

Specification for Concentric-Lay-Stranded Aluminum-Alloy 6201-T81 Conductors, 02.03

B400/B400M-14

Specification for Compact Round Concentric-Lay-Stranded Aluminum 1350 Conductors, 02.03

B401-12

Specification for Compact Round Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/COMP), 02.03

B402

Withdrawn 1987; Specification for Copper-Nickel Alloy Plate and Sheet for Pressure Vessels; Replaced by B171

B402M

Withdrawn 1987; Specification for Copper-Nickel Alloy Plate and Sheet for Pressure Vessels [Metric]; Replaced by B171M

B403-12

Specification for Magnesium-Alloy Investment Castings, 02.02

B404M

Withdrawn 1998—Combined with B 404

B404/B404M



Withdrawn 2006; Specification for Aluminum and Aluminum-Alloy Seamless Condenser and Heat-Exchanger Tubes with Integral Fins
B405

Withdrawn 1967; Specification for Electrodeposited Coatings of Multi-Layer Nickel Plus Chromium on Zinc and Zinc-Base Alloys; Replaced by B456
B406-96(2010)

Test Method for Transverse Rupture Strength of Cemented Carbides, **02.05**

B407-08a(2014)

Specification for Nickel-Iron-Chromium Alloy Seamless Pipe and Tube, 02.04

B408-06(2011)

Specification for Nickel-Iron-Chromium Alloy Rod and Bar, 02.04

B409-06(2011)

Specification for Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip, 02.04

B410

Withdrawn 1980; Specification for Unalloyed Sintered Tungsten Billets, Bars, Rods, and Performs for Forging
B411/B411M-14

Specification for Copper-Nickel-Silicon Alloy Rod and Bar, **02.01**

B412

Withdrawn 2000; Specification for Copper-Nickel-Silicon Alloy Wire

B413-97a(2012)

Specification for Refined Silver, **02.04**

B414

Withdrawn 1975; Specification for Primary Hafnium Metal Sponge and Other Forms

B415-98(2013)

Specification for Hard-Drawn Aluminum-Clad Steel Wire, **02.03**

B416-98(2013)

Specification for Concentric-Lay-Stranded Aluminum-Clad Steel Conductors, 02.03

B417-13

Test Method for Apparent Density of Non-Free-Flowing Metal Powders Using the Carney Funnel, 02.05

B418-12

Specification for Cast and Wrought Galvanic Zinc Anodes, 02.04

B419

Withdrawn 1972; Specification for Unalloyed Uranium Castings

B420

Withdrawn 1972; Specification for Unalloyed Uranium Melting Stock

B421

Withdrawn 1989; Test Method for Electrical Resistivity of Cemented Tungsten Carbides

B422/B422M-10^{e1}

Specification for Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip, **02.01**

B423-11

Specification for Nickel-Iron-Chromium-Molybdenum-

Copper Alloy, 02.04

B424-11

Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Plate, Sheet, and Strip, 02.04

B425-11

Specification for Specification for Ni-Fe-Cr-Mo-Cu Alloy (UNS N08825, UNS N08221, and UNS N06845) Rod and Bar, 02.04

B426

Withdrawn 1990; Specification for Sintered Copper-Steel Structural Parts; Replaced by B783

B427-09

Specification for Gear Bronze Alloy Castings, **02.01**

B428-09(2013)

Test Method for Angle of Twist in Rectangular and Square Copper and Copper Alloy Tube, 02.01

B429/B429M-10^{e1}

Specification for Aluminum-Alloy Extruded Structural Pipe and Tube, 02.02

B430

Withdrawn 2011; Test Method for Particle Size Distribution of Refractory Metal Powders and Related Compounds by Turbidimetry

B431

Withdrawn 1993; Practice for Processing of Mandrels for Electroforming; Replaced by B832

B432-14

Specification for Copper and Copper Alloy Clad Steel Plate, **02.01**

B433

Withdrawn 1976; Specification for Copper-Nickel Alloys in Ingot Form for Castings; Replaced by B30

B434-06(2011)

Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, UNS N10242) Plate, Sheet, and Strip, **02.04**

B435-06(2011)^{e1}

Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip, 02.04

B436

Withdrawn 1980; Specification for Nickel-Chromium-Molybdenum-Iron-Columbium Alloy (UNS N06001) Sheet and Plate

B437

Withdrawn 1981; Method for Tension Testing of Cemented Carbides

B438-13

Specification for Bronze-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated), **02.05**

B438M

Withdrawn 1998; Replaced by B438/B438M

B439-12

Specification for Iron-Base Powder Metallurgy (PM) Bearings (Oil-Impregnated), **02.05**

B440-12

Specification for Cadmium, 02.04

B441-04(2010)

Specification for Copper-Cobalt-Beryllium, Copper-Nickel-Beryllium, and Copper-Nickel-Lead-Beryllium Rod and Bar (UNS Nos. C17500, C17510, and



C17465), 02.01
B442

Withdrawn 1993; Specification for Tough-Pitch Chemically Refined Copper Refinery Shapes
B443-00(2014)

Specification for Nickel-Chromium-Molybdenum-Columbium Alloy, **02.04**

B444-06(2011)
Specification for Nickel-Chromium-Molybdenum-Columbium Alloys, 02.04
B445

Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Seamless Pipe and Tube
B446-03(2014)

Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650) Rod and Bar, **02.04**

B447-12a
Specification for Welded Copper Tube, 02.01
B448

Withdrawn 1969; Specification for Magnesium-Alloy Welding Rods and Bare Electrodes
B449-93(2010)^{e1}

Specification for Chromates on Aluminum, **02.05**
B450

Withdrawn 1993; Practice for Engineering Design of Electroformed Articles; Replaced by B832
B451

Withdrawn 1998; Specification for Copper Foil, Strip, and Sheet for Printed Circuits and Carrier Tapes
B452-09

Specification for Copper-Clad Steel Wire for Electronic Application, **02.03**

B453M
Withdrawn 2001; Replaced by B453/B453M
B453/B453M-11^{e1}

Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes, **02.01**

B454
Withdrawn 1982; Specification for Mechanically Deposited Coatings of Cadmium and Zinc on Ferrous Metals; Replaced by B695, B696

B455-10
Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes, **02.01**

B456-11^{e1}
Specification for Electrodeposited Coatings of Copper Plus Nickel Plus, 02.05
B457-67(2013)

Test Method for Measurement of Impedance of Anodic Coatings on Aluminum, 02.05

B458
Withdrawn 2000; Specification for Sintered Nickel Silver Structural Parts

B459
Withdrawn 1992; Test Method for Dynamic Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry Conditions
B460

Withdrawn 1992; Test Method for Dynamic Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry Conditions
B461

Withdrawn 1992; Test Method for Frictional Characteristics of Sintered Metal Friction Materials Run in Lubricants

B462-10^{e2}
Specification for Forged or Rolled UNS N06030, UNS N06022, UNS N06035, UNS N06200, UNS N06059, UNS N10362, UNS N06686, UNS N08020, UNS N08024, UNS N08026, UNS N08367, UNS N10276, UNS N10665, UNS N10675, UNS N10629, UNS N08031, UNS N06045, UNS N06025, UNS R20033 Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service, **02.04**

B463-10
Specification for UNS N08020 Alloy Plate, Sheet, and Strip, 02.04

B464-10
Specification for Welded UNS N08020 Alloy Pipe, 02.04

B465-11
Specification for Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, 02.01

B466M
Withdrawn 1998; Replaced by B466/B466M
B466/B466M-14

Specification for Seamless Copper-Nickel Pipe and Tube, **02.01**

B467-14
Specification for Welded Copper-Nickel Pipe, 02.01
B468-10

Specification for Welded UNS N08020 Alloy Tubes, 02.04
B469

Withdrawn 2000; Specification for Seamless Copper-Alloy Tubes for Pressure Applications
B470-02(2012)

Specification for Bonded Copper Conductors for Use in Hookup Wires for Electronic Equipment, **02.03**
B471

Withdrawn 1999; Specification for UNS N08020, UNS N08026, and UNS N08024 Nickel Alloy Spring Wire
B472-10

Specification for Nickel Alloy Billets and Bars for Reforging, **02.04**

B473-07(2013)
Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Bar and Wire, 02.04

B474-03(2009)
Specification for Electric Fusion Welded Nickel and Nickel Alloy Pipe, 02.04

B475-07(2013)
Specification for UNS N08020, UNS N08024, and UNS N08026 Nickel Alloy Round Weaving Wire, 02.04

B476-01(2012)
Specification for General Requirements for Wrought Precious Metal Electrical Contact Materials, 02.04

B477-97(2012)
Specification for Gold-Silver-Nickel Electrical Contact Alloy, 02.04



B478-85(2008)

Test Method for Cross Curvature of Thermostat Metals, 02.04

B479

Withdrawn 2015; Specification for Annealed Aluminum and Aluminum-Alloy Foil for Flexible Barrier, Food Contact, and Other Applications

B480-88(2010)

Guide for Preparation of Magnesium and Magnesium Alloys for Electroplating, 02.05

B481-68(2013)

Practice for Preparation of Titanium and Titanium Alloys, 02.05

B482-85(2013)

Practice for Preparation of Tungsten and Tungsten Alloys for Electroplating, 02.05

B483/B483M-13⁻¹

Specification for Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications, 02.02

B484

Withdrawn 1990; Specification for Sintered Nickel Steel Structural Parts; Replaced by B783

B485

Withdrawn 1984; Method for Diametral Compression Testing of Cemented Carbides

B486

Withdrawn 1991; Specification for Paste Solder

B487-85(2013)

Test Method for Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of Cross Section, 02.05

B488-11

Specification for Electrodeposited Coatings of Gold for Engineering Uses, 02.05

B489-85(2013)

Practice for Bend Test for Ductility of Electrodeposited and Autocatalytically Deposited Metal Coatings on Metals, 02.05

B490-09(2014)

Practice for Micrometer Bend Test for Ductility of Electrodeposits, 02.05

B491M

Withdrawn 1991; Replaced by B491/B491M

B491/B491M-15

Specification for Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications, 02.02

B492

Withdrawn 1990; Specification for Cast Copper-Nickel Ship Tailshaft Sleeves

B493/B493M-14

Specification for Zirconium and Zirconium Alloy Forgings, 02.04

B494/B494M-08(2014)

Specification for Primary Zirconium, 02.04

B495-10

Specification for Zirconium and Zirconium Alloy Ingots, 02.04

B496-14

Specification for Compact Round Concentric-Lay-Stranded Copper Conductors, 02.03

B497-00(2012)

Guide for Measuring Voltage Drop on Closed Arcing Contacts, 02.04

B498M

Withdrawn 1998; Replaced by B498/B498M

B498/B498M-08

Specification for Zinc-Coated (Galvanized) Steel Core Wire for Use in Overhead Electrical Conductors, 02.03

B499-09(2014)

Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals, 02.05

B500M

Withdrawn 1998; Replaced by B500/B500M

B500/B500M-12

Specification for Metallic Coated or Aluminum Clad Stranded Steel Core for Use in Overhead Electrical Conductors, 02.03

B501-10

Specification for Silver-Coated, Copper-Clad Steel Wire for Electronic Application, 02.03

B502/B502M-10⁻¹

Specification for Aluminum-Clad Steel Core Wire for Use in Overhead Electrical Aluminum Conductors, 02.03

B503

Withdrawn 1992; Practice for Use of Copper And Nickel Electroplating Solutions for Electroforming;

Replaced by B 832

B504-90(2011)

Test Method for Measurement of Thickness of Metallic Coatings by the Coulometric Method, 02.05

B505/B505M-14

Specification for Copper Alloy Continuous Castings, 02.01

B506-09

Specification for Copper-Clad Stainless Steel Sheet and Strip for Building Construction, 02.01

B507-14

Practice for Design of Articles to Be Electroplated on Racks, 02.05

B508-08

Specification for Copper Alloy Strip for Flexible Metal Hose, 02.01

B509

Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Plate for Nuclear Applications

B510

Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Rod and Bar for Nuclear Applications

B511-01(2009)

Specification for Nickel-Iron-Chromium-Silicon Alloy Bars and Shapes, 02.04

B512-04(2014)

Specification for Nickel-Chromium-Silicon Alloy (UNS N08330) Billets and Bars, 02.04

B513

Withdrawn 1991; Specification for Supplementary Requirements for Nickel Alloy Seamless Pipe for Nuclear Applications

B514-05(2014)



Specification for Welded Nickel-Iron-Chromium Alloy Pipe, **02.04**

B515-95(2014)

Specification for Welded UNS N08120, UNS N08800, UNS N08810, and, **02.04**

B516-03(2014)

Specification for Welded Nickel-Chromium-Iron Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Tubes, **02.04**

B517-05(2014)

Specification for Welded Nickel-Chromium-Iron-Alloy (UNS N06600, UNS N06603, UNS N06025, and UNS N06045) Pipe, **02.04**

B518

Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Rod and Bar

B519

Withdrawn 1995; Specification for Nickel-Chromium-Iron-Columbium-Molybdenum-Tungsten Alloy (UNS N06102) Seamless Plate, Sheet, and Strip

B520-12

Specification for Tin-Coated, Copper-Clad Steel Wire for Electronic, **02.03**

B521-12

Specification for Tantalum and Tantalum Alloy Seamless and Welded Tubes, **02.04**

B522-01(2012)

Specification for Gold-Silver-Platinum Electrical Contact Alloy, **02.04**

B523/B523M-12a

Specification for Seamless and Welded Zirconium and Zirconium Alloy Tubes, **02.04**

B524M

Withdrawn 1999; Replaced by B524/B524M

B524/B524M-99(2011)

Specification for Concentric-Lay-Stranded Aluminum Conductors, Aluminum-Alloy Reinforced (ACAR, 1350/6201), **02.03**

B525

Withdrawn 1990; Specification for Sintered Austenitic Stainless Steel Structural Parts; Replaced by B783

B526

Withdrawn 1992; Test Method for Coefficient of Friction and Wear of Sintered Metal Friction Materials Under Dry-Clutch Conditions

B527-14

Test Method for Determination of Tap Density of Metal Powders and Compounds, **02.05**

B528-12

Test Method for Transverse Rupture Strength of Powder Metallurgy (PM) Specimens, **02.05**

B529

Withdrawn 1979; Test Method for Measurement of Coating Thickness by the Eddy Current Test Method: Non-Conductive Coating on Nonmagnetic Basis Metals; Replaced by B244

B530-09(2014)

Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Electrodeposited Nickel Coatings on Magnetic and Nonmagnetic Substrates, **02.05**

B531

Withdrawn 2003; Specification for Aluminum-Alloy 5005 Drawing Stock for Electrical Purposes

B532-85(2014)

Specification for Appearance of Electroplated Plastic Surfaces, **02.05**

B533-85(2013)

Test Method for Peel Strength of Metal Electroplated Plastics, **02.05**

B534-14¹

Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar, **02.01**

B535-06(2011)

Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Seamless Pipe and Tube, **02.04**

B536-07(2013)

Specification for Nickel-Iron-Chromium-Silicon Alloys (UNS N08330 and N08332) Plate, Sheet, and Strip, **02.04**

B537-70(2013)

Practice for Rating of Electroplated Panels Subjected to, **02.05**

B538

Withdrawn 1987; Method of FACT (Ford Anodized Aluminum Corrosion) Test

B539-02(2013)

Test Methods for Measuring Resistance of Electrical Connections (Static Contacts), **02.04**

B540-97(2012)

Specification for Palladium Electrical Contact Alloy, **02.04**

B541-01(2012)

Specification for Gold Electrical Contact Alloy, **02.04**

B542-13

Terminology Relating to Electrical Contacts and Their Use, **02.04**

B543M

Withdrawn 2000; Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube [Metric]

B543/B543M-12

Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube, **02.01**

B544

Withdrawn 1978; Specification for Round Solid EC Grade Aluminum Conductor; Replaced by B609

B545-13

Specification for Electrodeposited Coatings of Tin, **02.05**

B546-04(2014)

Specification for Electric Fusion-Welded Ni-Cr-Co-Mo Alloy (UNS N06617), Ni-Fe-Cr-Si Alloys (UNS N08330 and UNS N08332), Ni-Cr-Fe-Al Alloy (UNS N06603), Ni-Cr-Fe Alloy (UNS N06025), and Ni-Cr-Fe-Si Alloy (UNS N06045) Pipe, **02.04**

B547/B547M-10

Specification for Aluminum and Aluminum-Alloy Formed and Arc-Welded Round Tube, **02.02**

B548-03(2009)

Test Method for Ultrasonic Inspection of Aluminum-Alloy Plate for Pressure Vessels, **02.02**

B549-13

Specification for Concentric-Lay-Stranded Aluminum



Conductors, Aluminum-Clad Steel Reinforced for Use in Overhead Electrical Conductors, 02.03

B550/B550M-07(2012)

Specification for Zirconium and Zirconium Alloy Bar and Wire, 02.04

B551/B551M-12

Specification for Zirconium and Zirconium Alloy Strip, Sheet, and Plate, 02.04

B552-12

Specification for Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants, 02.01

B553

Withdrawn 1992; Test Method for Thermal Cycling of Electroplated Plastics

B554

Withdrawn 1987; Recommended Practice for Measurement of Thickness of Metallic Coatings on Nonmetallic Substrates; Replaced by B659

B555-86(2013)

Guide for Measurement of Electrodeposited Metallic Coating Thicknesses by Dropping Test, 02.05

B556-90(2013)

Guide for Measurement of Thin Chromium Coatings by Spot Test, 02.05

B557-14

Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products, 02.02

B557M-14

Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products (Metric), 02.02

B558-79(2013)

Practice for Preparation of Nickel Alloys for Electroplating, 02.05

B559-12

Specification for Nickel-Coated, Copper-Clad Steel Wire for Electronic Application, 02.03

B560-00(2014)

Specification for Modern Pewter Alloys, 02.04

B561-94(2012)

Specification for Refined Platinum, 02.04

B562-95(2012)

Specification for Refined Gold, 02.04

B563-01(2011)

Specification for Palladium-Silver-Copper Electrical Contact Alloy, 02.04

B564-11^{c1}

Specification for Nickel Alloy Forgings, 02.04

B565-04(2010)

Test Method for Shear Testing of Aluminum and Aluminum-Alloy Rivets and Cold-Heading Wire and Rods, 02.02

B566-04a(2011)

Specification for Copper-Clad Aluminum Wire, 02.03

B567-98(2014)

Test Method for Measurement of Coating Thickness by the Beta Backscatter Method, 02.05

B568-98(2014)

Test Method for Measurement of Coating Thickness by X-Ray Spectrometry, 02.05

B569-14

Specification for Brass Strip in Narrow Widths and

Light Gage for Heat-Exchanger Tubing, 02.01

B570-06(2010)

Specification for Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions, 02.01

B571-97(2013)

Practice for Qualitative Adhesion Testing of Metallic Coatings, 02.05

B572-06(2011)

Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Rod, 02.04

B573-06(2011)

Specification for Nickel-Molybdenum-Chromium-Iron Alloys (UNS N10003, N10242) Rod, 02.04

B574-10

Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Molybdenum-Chromium, Low-Carbon Nickel-Molybdenum-Chromium-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, and Low-Carbon Nickel-Chromium-Molybdenum-Tungsten Alloy Rod, 02.04

B575-14

Specification for Low-Carbon Nickel-Chromium-Molybdenum, Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tungsten, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip, 02.04

B576-94(2010)

Guide for Arc Erosion Testing of Electrical Contact Materials, 02.04

B577-10

Test Methods for Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper, 02.01

B578-87(2009)

Test Method for Microhardness of Electroplated Coatings, 02.05

B579-73(2009)

Specification for Electrodeposited Coatings of Tin-Lead Alloy (Solder Plate), 02.05

B580-79(2014)

Specification for Anodic Oxide Coatings on Aluminum, 02.05

B581-02(2013)^{c1}

Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod, 02.04

B582-07(2013)

Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip, 02.04

B583

Withdrawn 1986; Test Method for Porosity in Gold Coatings on Metal Substrates; Replaced by B735, B741

B584-14

Specification for Copper Alloy Sand Castings for General Applications, 02.01

B585

Withdrawn 1989; Specification for Seamless Copper-Alloy Water Tube

B586

Withdrawn 1988; Specification for Welded Copper-Alloy Water Tube

B587-12



Specification for Welded Brass Tube, 02.01
B588-88(2010)

Test Method for Measurement of Thickness of Transparent or Opaque Coatings by Double-Beam Interference Microscope Technique, 02.05

B589-94(2012)

Specification for Refined Palladium, 02.04
B590

Withdrawn 1981; Specification for Nickel-Iron-Chromium-Manganese-Molybdenum Alloy (UNS N08245) Plate, Sheet, and Strip

B591-15

Specification for Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar, 02.01

B592-11

Specification for Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar, 02.01

B593-96(2014)^{c1}

Test Method for Bending Fatigue Testing for Copper-Alloy Spring Materials, 02.01

B594-13

Practice for Ultrasonic Inspection of Aluminum-Alloy Wrought Products, 02.02

B595-11

Specification for Sintered Aluminum Structural Parts, 02.05

B596-89(2012)

Specification for Gold-Copper Alloy Electrical Contact Material, 02.04

B597

Withdrawn 2002; Practice for Heat Treatment of Aluminum Alloys; Replaced by B917, B918

B598-14a

Practice for Determining Offset Yield Strength in Tension for Copper Alloys, 02.01

B599-92(2014)

Specification for Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Plate, Sheet, and Strip, 02.04

B600-11

Guide for Descaling and Cleaning Titanium and Titanium Alloy Surfaces, 02.04

B601-12

Classification for Temper Designations for Copper and Copper Alloys—Wrought and Cast, 02.01

B602-88(2010)

Test Method for Attribute Sampling of Metallic and Inorganic Coatings, 02.05

B603-07(2013)

Specification for Drawn or Rolled Iron-Chromium-Aluminum Alloys for Electrical Heating Elements, 02.04

B604-91(2008)

Specification for Decorative Electroplated Coatings of Copper Plus Nickel Plus Chromium on Plastics, 02.05

B605-95a(2009)

Specification for Electrodeposited Coatings of Tin-Nickel Alloy, 02.05

B606/B606M-08^{c1}

Specification for High-Strength Zinc-Coated (Galva-

nized) Steel Core Wire for Aluminum and Aluminum-Alloy Conductors, Steel Reinforced, 02.03
B607-91(2014)

Specification for Autocatalytic Nickel Boron Coatings for Engineering Use, 02.05

B608-11

Specification for Welded Copper-Alloy Pipe, 02.01
B609M

Withdrawn 1999; Replaced by B609/B609M
B609/B609M-12

Specification for Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes, 02.03

B610-13

Test Method for Measuring Dimensional Changes Associated with Processing Metal Powders, 02.05

B611-13

Test Method for Determining the High Stress Abrasion Resistance of Hard Materials, 03.02

B612

Withdrawn 2007; Specification for Iron Bronze Sintered Bearings (Oil-Impregnated); Replaced by B439

B613-76(2012)

Guide for Preparing Specifications for Miniature Brushes of Composite Materials for Sliding Electric Contacts, 02.04

B614-10

Practice for Descaling and Cleaning Zirconium and Zirconium Alloy Surfaces, 02.04

B615-79(2011)

Practice for Measuring Electrical Contact Noise in Sliding Electrical Contacts, 02.04

B616-96(2012)

Specification for Refined Rhodium, 02.04

B617-98(2010)

Specification for Coin Silver Electrical Contact Alloy, 02.04

B618/B618M-14

Specification for Aluminum-Alloy Investment Castings, 02.02

B619-10^{c2}

Specification for Welded Nickel and Nickel-Cobalt Alloy Pipe, 02.04

B620-03(2013)

Specification for Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Plate, Sheet, and Strip, 02.04

B621-02(2011)

Specification for Nickel-Iron-Chromium-Molybdenum Alloy (UNS N08320) Rod, 02.04

B622-10^{c1}

Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube, 02.04

B623

Withdrawn 1996; Specification for Tough-Pitch Fire-Refined High-Conductivity Copper—Refinery Shapes

B624-07(2012)

Specification for High-Strength, High-Conductivity Copper-Alloy Wire for Electronic Application, 02.03

B625-14

Specification for UNS N08925, UNS N08031, UNS N08932, UNS N08926, UNS N08354, UNS N08830, and UNS R20033 Plate, Sheet, and Strip, 02.04

B626-14



**Specification for Welded Nickel and Nickel-Cobalt Alloy Tube, 02.04
B627**

Withdrawn 1998; Test Method for Electrolytic Corrosion Testing (EC Test)

B628-98(2010)

Specification for Silver-Copper Eutectic Electrical Contact Alloy, 02.04

B629-77(2013)

Practice for Preparation of Molybdenum and Molybdenum Alloys for Electroplating, 02.05

B630-88(2010)

Practice for Preparation of Chromium for Electroplating with Chromium, 02.05

B631-93(2010)

Specification for Silver-Tungsten Electrical Contact Materials, 02.04

B632M

Withdrawn 1993; Replaced by B632/B632M

B632/B632M-08

Specification for Aluminum-Alloy Rolled Tread Plate, 02.02

B633-13

Specification for Electrodeposited Coatings of Zinc on Iron and Steel, 02.05

B634-14a

Specification for Electrodeposited Coatings of Rhodium for Engineering Use, 02.05

B635-00(2009)

Specification for Coatings of Cadmium-Tin Mechanically Deposited, 02.05

B636-84(2010)

Test Method for Measurement of Internal Stress of Plated Metallic Coatings with the Spiral Contractometer, 02.05

B637-12^{c1}

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B638

Withdrawn 1992; Specification for Copper and Copper-Alloy Solar Heat Absorber Panels

B639-02(2013)

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B640-12a

Specification for Welded Copper Tube for Air Conditioning and Refrigeration Service, 02.01

B641

Withdrawn 1996; Specification for Seamless and Welded Copper Distribution Tube (Type D)

B642

Withdrawn 1994; Specification for Welded Copper Alloy UNS C21000 Water Tube

B643-12

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B644-11

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B645-10

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B646-12

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B647-10

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B648-10

Test Method for Indentation Hardness of Aluminum Alloys by Means of a Barcol Impressor, 02.02

B649-06(2011)

Specification for Ni-Fe-Cr-Mo-Cu-N Low-Carbon Alloys (UNS N08925, UNS N08031, UNS N08354, and UNS N08926), and Cr-Ni-Fe-N Low-Carbon Alloy (UNS R20033) Bar and Wire, and Ni-Cr-Fe-Mo-N Alloy (UNS N08936) Wire, 02.04

B650-95(2013)

Specification for Electrodeposited Engineering Chromium Coatings on Ferrous Substrates, 02.05

B651-83(2010)

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B652/B652M-10

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B653/B653M-11

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B654/B654M-10

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B655/B655M-10

Specification for Niobium-Hafnium Alloy Bar and Wire, 02.04

B656

Withdrawn 2000; Guide for Autocatalytic (Electroless) Nickel-Phosphorus Deposition on Metals for Engineering Use

B657-11

Guide for Metallographic Identification of Microstructure in Cemented Carbides, 02.05

B658/B658M-11^{c1}

Specification for Seamless and Welded Zirconium and Zirconium Alloy Pipe, 02.04

B659-90(2014)

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B660-15

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B661-12

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B662-94(2012)

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B663-94(2012)

Specification for Silver-Tungsten Carbide Electrical Contact Material, 02.04



B664-90(2012)
Specification for 80 % Silver-20 % Graphite Sliding Contact Material, 02.04

B665-08(2012)
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B666/B666M-08
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B667-97(2014)
Practice for Construction and Use of a Probe for Measuring Electrical Contact Resistance, 02.04

B668-14
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B669
Withdrawn 1999; Specification for Zinc-Aluminum Alloys in Ingot Form for Foundry and Die Castings

B670-07(2013)
Specification for Precipitation-Hardening Nickel Alloy (UNS N07718) Plate, Sheet, and Strip for High-Temperature Service, 02.04

B671-81(2010)
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B672-02(2013)
Specification for Nickel-Iron-Chromium-Molybdenum-Columbium Stabilized Alloy (UNS N08700) Bar and Wire, 02.04

B673-05(2011)^{c1}
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B674-05(2011)
Specification for UNS N08925, UNS N08354, and UNS N08926 Welded Tube, 02.04

B675-02(2013)
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B676-03(2014)
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B677-05(2010)^{c1}
Specification for UNS N08925, UNS N08354, and UNS N08926 Seamless Pipe and Tube, 02.04

B678-86(2011)
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B679-98(2009)
Specification for Electrodeposited Coatings of Palladium for Engineering Use, 02.05

B680-80(2014)
Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution, 02.05

B681
Withdrawn 2001; Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Transparent Coatings on Opaque Surfaces, Using the Light-Section Microscope

B682-01(2009)
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B683-01(2012)
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B684-97(2012)

Specification for Platinum-Iridium Electrical Contact Materials, 02.04

B685-01(2012)
Specification for Palladium-Copper Electrical Contact Material, 02.04

B686/B686M-14
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B687-99(2011)
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B688-96(2014)
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B689-97(2013)
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B690-02(2013)
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B691-02(2013)
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B692-90(2012)
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B693-91(2012)
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B694-13
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B695-04(2009)
Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel, 02.05

B696-00(2009)
Specification for Coatings of Cadmium Mechanically Deposited, 02.05

B697-88(2010)
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B698-10
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B699-86(2008)
Specification for Coatings of Cadmium Vacuum-Deposited on Iron and Steel, 02.05

B700-08(2014)
Specification for Electrodeposited Coatings of Silver for Engineering Use, 02.05

B701/B701M-13
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B702-93(2010)
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B703-10

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B704-03(2014)

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B705-05(2014)

Specification for Nickel-Alloy (UNS N06625, N06219 and N08825) Welded Pipe, 02.04

B706-00(2011)

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B707

Withdrawn 1992; Specification for Seamless Copper Water Tube (Special Use)

B707M

Withdrawn 1992; Specification for Seamless Copper Water Tube (Special Use) [Metric]

B708-12

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B709-04(2014)

Specification for Iron-Nickel-Chromium-Molybdenum Alloy (UNS N08028) Plate, Sheet, and Strip, 02.04

B710-04(2009)

Specification for Nickel-Iron-Chromium-Silicon Alloy Welded Pipe, 02.04

B711-13

Specification for Concentric-Lay-Stranded Aluminum-Alloy Conductors, Steel Reinforced (AACSR) (6201), 02.03

B712

Withdrawn 2015; Guide for Determination of Sodium and Potassium Content for Silver-Cadmium Oxide Contact Materials

B713

Withdrawn 2001; Terminology Relating to Superconductors

B714

Withdrawn 2001; Test Method for D-C Critical Current of Composite Superconductors

B715

Withdrawn 2010; Specification for Sintered Copper Structural Parts for Electrical Conductivity Applications

B716

Withdrawn 1994; Specification for Welded Copper Water Tube

B716M

Withdrawn 1994; Specification for Welded Copper Water Tube [Metric]

B717-96(2012)

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B718-00(2011)

Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Plate, Sheet, and Strip, 02.04

B719-00(2014)

Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-, 02.04

B720

Withdrawn 1999; Specification for Seamless UNS N08310 Tube

B721

Withdrawn 2004; Test Method for Microhardness and Case Depth of Powder Metallurgy (P/M) Parts; Replaced by B931

B722-06(2011)

Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Seamless Pipe and Tube, 02.04

B723-00(2014)

Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Pipe, 02.04

B724

Withdrawn 2013; Test Method for Indentation Hardness of Aluminum Alloys by Means of a Newage, Portable, Non-Caliper-Type Instrument

B725-05(2014)

Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Pipe, 02.04

B726-02(2011)

Specification for Nickel-Chromium-Molybdenum-Cobalt-Tungsten-Iron-Silicon Alloy (UNS N06333) Welded Tube, 02.04

B727-04(2014)

Practice for Preparation of Plastics Materials for Electroplating, 02.05

B728

Withdrawn 1990; Specification for Concentric-Lay-Stranded Aluminum-Alloy Conductors, Steel Reinforced(AACSR) (5005)

B729-05(2014)

Specification for Seamless UNS N08020, UNS N08026, and UNS N08024 Nickel-Alloy Pipe and Tube, 02.04

B730-08(2013)

Specification for Welded Nickel (UNS N02200/UNS N02201) and Nickel Copper Alloy (UNS N04400) Tube, 02.04

B731-96(2012)

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B732

Withdrawn 1998; Test Method for Evaluating the Corrosivity of Solder Fluxes for Copper Tubing Systems; Replaced by B813

B733-04(2014)

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B734-97(2013)

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B735-06(2011)

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B736

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B737-10

Specification for Hot-Rolled and/or Cold-Finished Hafnium Rod and Wire, 02.04



B738-13

Specification for Fine-Wire Bunch-Stranded and Rope-Lay Bunch-Stranded Copper Conductors for Use as Electrical Conductors, 02.03

B739-03(2013)

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B740-09

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B741

Withdrawn 2005; Test Method for Porosity In Gold Coatings On Metal Substrates By Paper Electrography

B742-90(2012)

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B743-12

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B744/B744M-15

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B745/B745M-15

Specification for Corrugated Aluminum Pipe for Sewers and Drains, 02.02

B746/B746M-02(2012)

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B747-11

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B748-90(2010)

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B749-14

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B750-12

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B751-08(2013)

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B752-06(2011)^{c2}

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B753-07(2013)

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B754-10

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B755-00(2011)

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B756-00(2011)

Specification for Nickel-Chromium-Molybdenum-Tungsten Alloy, 02.04

B757-00(2011)

Specification for Nickel-Chromium-Molybdenum-

Tungsten-Alloys, 02.04

B758-00(2011)

Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys, 02.04

B759-00(2011)

Specification for Nickel-Chromium-Molybdenum-Tungsten Alloys, 02.04

B760-07(2013)

Specification for Tungsten Plate, Sheet, and Foil, 02.04

B761-06(2011)

Test Method for Particle Size Distribution of Metal Powders and Related Compounds by X-Ray Monitoring of Gravity Sedimentation, 02.05

B762-90(2010)

Test Method of Variables Sampling of Metallic and Inorganic Coatings, 02.05

B763/B763M-14

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B764-04(2014)

Test Method for Simultaneous Thickness and Electrode Potential Determination of Individual Layers in Multilayer Nickel Deposit (STEP Test), 02.05

B765-03(2013)

Guide for Selection of Porosity and Gross Defect Tests for Electrodeposits and Related Metallic Coatings, 02.05

B766-86(2008)

Specification for Electrodeposited Coatings of Cadmium, 02.05

B767-88(2010)

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B768-11

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B769-11

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B770-10

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B771-11^{c1}

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B772-97(2012)

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B773

Withdrawn 2013; Guide for Ultrasonic C-Scan Bond Evaluation of Brazed or Welded Electrical Contact Assemblies

B774-00(2014)

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B775-13

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B776-12

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B777-07(2013)

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B778-14

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B779-14

Specification for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Steel-Reinforced (ACSR/TW), 02.03

B780-98(2010)

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B781-93a(2012)

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B782

Withdrawn 2007; Specification for Iron Graphite Sintered Bearings (Oil-Impregnated); Replaced by B439

B783-13

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B784-01(2012)

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B785

Withdrawn 1998; Specification for Compact Round Modified Concentric-Lay-Stranded Copper Conductors for Use in Insulated Electrical Cables

B786/B786M-08(2013)^{e1}

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B787/B787M-04(2014)

Specification for 19 Wire Combination Unilay-Stranded Copper Conductors for Subsequent Insulation, 02.03

B788/B788M-09(2014)

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B789/B789M-99(2011)

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B790/B790M-11

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B791

Withdrawn 1999; Specification for Zinc-Aluminum (ZA) Alloy Foundry and Die Castings

B792-13

Specification for Zinc Alloys in Ingot Form for Slush Casting, 02.04

B793-13

Specification for Zinc Casting Alloy Ingot for Sheet Metal Forming Dies and Plastic Injection Molds, 02.04

B794-97(2009)

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B795-13

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B796-14

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B797-93(2007)

Test Method for Surface Finger Oxide Penetration Depth and Presence of Interparticle Oxide Networks in Powder Forged (P/F) Steel Parts, 02.05

B798-95(2014)

Test Method for Porosity in Gold or Palladium Coatings on Metal Substrates by Gel-Bulk Electrography, 02.04

B799-95(2014)

Test Method for Porosity in Gold and Palladium Coatings by Sulfurous Acid/Sulfur-Dioxide Vapor, 02.04

B800-05(2011)

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B801-07(2012)

Specification for Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy for Subsequent Covering or Insulation, 02.03

B802M

Withdrawn 1998; Replaced by B802/B802M

B802/B802M-10

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B803/B803M-08^{e1}

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B804-02(2013)

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B805-06(2011)

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B806-14

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B807/B807M-13

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B808-10

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B809-95(2013)

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B810-01a(2011)

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B811-13^{e1}

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B812-96(2013)



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B813-10

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B814-06(2011)

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B815-02(2011)

Specification for Cobalt-Chromium-Nickel-Molybdenum-Tungsten Alloy, 02.04

B816-00(2009)

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B817

Withdrawn 2013; Specification for Powder Metallurgy (PM) Titanium Alloy Structural Components; Replaced by B988

B818-03(2013)

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B819-00(2011)

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B820-14a

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B821-10

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B822-10

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B823-09

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B824-14

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B825-13

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B826-09

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B827-05(2014)

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B828-02(2010)

Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings, 02.01

B829-04a(2009)^{e1}

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B830-11

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B831-14

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B832-93(2013)

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B833-13

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B834-13

Specification for Pressure Consolidated Powder Metallurgy Iron-Nickel-Chromium-Molybdenum (UNS N08367) and Nickel-Chromium-Molybdenum-Columbium (Nb) (UNS N06625) Alloy Pipe Flanges, Fittings, Valves, and Parts, 02.04

B835-14

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B836-00(2011)

Specification for Compact Round Stranded Aluminum Conductors Using Single Input Wire Construction, 02.03

B837-10

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B838

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B839-04(2014)

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B840-99(2009)

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B841-99(2010)

Specification for Electrodeposited Coatings of Zinc Nickel Alloy Deposits, 02.05

B842-99(2011)

Specification for Electrodeposited Coatings of Zinc Iron Alloy Deposits, 02.05

B843-13

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B844-98(2010)

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B845-97(2013)^{e1}

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B846-11a

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B847

Withdrawn 1995; Specification for Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposes; Replaced by B246

B848-10

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B849-02(2013)

Specification for Pre-Treatments of Iron or Steel for Reducing Risk of Hydrogen Embrittlement, 02.05

B850-98(2015)



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B851-04(2014)
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B852-14
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B853-12
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B857-14
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B858-06(2012)
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C124

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C125-15

Terminology Relating to Concrete and Concrete Aggregates, **04.02**

C126-15

Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units, 04.05

C127-15

Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate, 04.02

C128-15

Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate, 04.02

C129-14a

Specification for Nonloadbearing Concrete Masonry Units, 04.05

C130

Withdrawn 1955; Specification for Lightweight Aggregates for Concrete; Replaced by C330, C331, C332

C131/C131M-14

Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine, **04.02**

C132

Withdrawn 1944; Specification for Fire-Retardant Properties of Wood for Scaffolding and Shoring

C133-97(2008)^{e1}

Test Methods for Cold Crushing Strength and Modulus of



Rupture of Refractories, 15.01

C134-95(2010)

Test Methods for Size, Dimensional Measurements, and Bulk Density of Refractory Brick and Insulating Firebrick, 15.01

C135-96(2009)^{c1}

Test Method for True Specific Gravity of Refractory Materials by Water Immersion, 15.01

C136-06

Test Method for Sieve Analysis of Fine and Coarse Aggregates,

C136/C136M-14

Test Method for Sieve Analysis of Fine and Coarse Aggregates, 04.02

C137

Withdrawn 1991; Specification for Solid Load-Bearing Concrete Masonry Units; Replaced by C90

C138/C138M-14

Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete, 04.02

C139-14

Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes, 04.05

C140/C140M-14b

Test Methods for Sampling and Testing Concrete Masonry Units and Related Units, 04.05

C141/C141M-14

Specification for Hydrated Hydraulic Lime for Structural Purposes, 04.01

C142/C142M-10

Test Method for Clay Lumps and Friable Particles in Aggregates, 04.02

C143/C143M-15

Test Method for Slump of Hydraulic-Cement Concrete, 04.02

C144-11

Specification for Aggregate for Masonry Mortar, 04.05

C145

Withdrawn 1992; Specification for Load-Bearing Concrete Masonry Units; Replaced by C90

C146-94a(2014)

Test Methods for Chemical Analysis of Glass Sand, 15.02

C147-86(2010)

Test Methods for Internal Pressure Strength of Glass Containers, 15.02

C148-14

Test Methods for Polariscopic Examination of Glass Containers, 15.02

C149-14

Test Method for Thermal Shock Resistance of Glass Containers, 15.02

C150/C150M-12

Specification for Portland Cement, 04.01

C151/C151M-15

Test Method for Autoclave Expansion of Hydraulic Cement, 04.01

C152

Redesignated 1941 - E152; Methods of Fire Tests of Door Assemblies

C153

Withdrawn 1973; Specification for Refractories for Moderate Duty Stationary Boiler Service; Combined with C 64

C154

Withdrawn 1985; Method of Test for Warpage of Refractory Brick and Tile, or Deviation from Plane Surface

C155-97(2013)

Classification of Insulating Firebrick, 15.01

C156-11

Test Method for Water Loss from a Mortar Specimen Through Liquid Membrane-Forming Curing Compounds for Concrete, 04.02

C157/C157M-08(2014)^{c1}

Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete, 04.02

C158-02(2012)

Test Methods for Strength of Glass by Flexure (Determination of Modulus of Rupture), 15.02

C159-06(2011)

Specification for Vitriified Clay Filter Blocks, 04.05

C160

Withdrawn 1960; Specification for Mortar for Unit Masonry

C161

Withdrawn 1959; Specification for Mortar for Unit Masonry

C162-05(2010)

Terminology of Glass and Glass Products, 15.02

C163-05(2010)

Practice for Mixing Thermal Insulating Cement Samples, 04.06

C164

Withdrawn 1962; Method of Test for Storage Density of Thermal Insulating Cement

C165-07(2012)

Test Method for Measuring Compressive Properties of Thermal Insulations, 04.06

C166-05(2010)

Test Method for Covering Capacity and Volume Change Upon Drying of Thermal Insulating Cement, 04.06

C167-09

Test Methods for Thickness and Density of Blanket or Batt Thermal Insulations, 04.06

C168-15

Terminology Relating to Thermal Insulation, 04.06

C169-92(2011)

Test Methods for Chemical Analysis of Soda-Lime and Borosilicate Glass, 15.02

C170/C170M-15a

Test Method for Compressive Strength of Dimension Stone, 04.07

C171-07

Specification for Sheet Materials for Curing Concrete, 04.02

C172/C172M-14a

Practice for Sampling Freshly Mixed Concrete, 04.02

C173/C173M-14

Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method, 04.02

C174/C174M-13

Test Method for Measuring Thickness of Concrete Elements Using Drilled Concrete Cores, 04.02

C175



Withdrawn 1971; Specification for Air-Entraining Portland Cement; Replaced by C150

C176

Withdrawn 1973; Specification for Fireday Plastic Refractories for Boiler and Incinerator Services; Replaced by C64

C177-13

Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus, **04.06**

C178

Withdrawn 1973; Specification for Air-Setting Refractory Mortar (Wet Type) for Boiler and Incinerator Services

C179-14

Test Method for Drying and Firing Linear Change of Refractory Plastic and Ramming Mix Specimens, **15.01**

C180

Withdrawn 1986; Method of Panel Spalling Testing Fireclay Plastic Refractories

C181-11

Test Method for Workability Index of Fireclay and High-Alumina Refractory Plastics, **15.01**

C182-88(2013)

Test Method for Thermal Conductivity of Insulating Firebrick, 15.01

C183/C183M-15

Practice for Sampling and the Amount of Testing of Hydraulic Cement, 04.01

C184

Withdrawn 2002; Test Method for Fineness of Hydraulic Cement by the 150- μ m (No. 100) and 75- μ m (No. 200) Sieves

C185-08

Test Method for Air Content of Hydraulic Cement Mortar, **04.01**

C186-15a

Test Method for Heat of Hydration of Hydraulic Cement, 04.01

C187-11^{c1}

Test Method for Amount of Water Required for Normal Consistency of Hydraulic Cement Paste, 04.01

C188-14

Test Method for Density of Hydraulic Cement, 04.01

C189

Withdrawn 1957; Method of Test for Soundness of Hydraulic Cement Over Boiling Water (Pat Test) of Portland Cement

C190

Withdrawn 1991; Test Method for Tensile Strength of Hydraulic Cement Mortars

C191-13

Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle, **04.01**

C192/C192M-15

Practice for Making and Curing Concrete Test Specimens in the Laboratory, 04.02

C193

Withdrawn 1977; Specification for Magnesite Thermal Insulating Cement

C194

Withdrawn 1977; Specification for Asbestos Thermal Insulating and Finishing Cement

C195-07(2013)

Specification for Mineral Fiber Thermal Insulating Cement, **04.06**

C196-00(2010)

Specification for Expanded or Exfoliated Vermiculite Thermal Insulating Cement, 04.06

C197

Withdrawn 1978; Specification for Diatomaceous Silica Thermal Insulating Cement

C198-09(2013)

Test Method for Cold Bonding Strength of Refractory Mortar, **15.01**

C199-84(2011)

Test Method for Pier Test for Refractory Mortars, 15.01

C200

Withdrawn 1973; Specification for Extra Strength Clay Pipe; Replaced by C700

C201-93(2013)

Test Method for Thermal Conductivity of Refractories, **15.01**

C202-93(2013)

Test Method for Thermal Conductivity of Refractory Brick, 15.01

C203-05a(2012)

Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation, 04.06

C204-11^{c1}

Test Methods for Fineness of Hydraulic Cement by Air-Permeability Apparatus, 04.01

C205

Withdrawn 1968; Specification for Portland Blast-Furnace Cement; Replaced by C595

C206-14

Specification for Finishing Hydrated Lime, **04.01**

C207-06(2011)

Specification for Hydrated Lime for Masonry Purposes, 04.01

C208-12

Specification for Cellulosic Fiber Insulating Board, 04.06

C209-12

Test Methods for Cellulosic Fiber Insulating Board, 04.06

C210-95(2014)

Test Method for Reheat Change of Insulating Firebrick, 15.01

C211

Withdrawn 1973; Specification for Standard Strength Perforated Clay Pipe; Replaced by C700

C212-14

Specification for Structural Clay Facing Tile, **04.05**

C213

Withdrawn 1973; Specification for Alumina-Silica Castable Refractories for Boiler Furnaces and Incinerators; Combined with C 64

C214

Withdrawn 1955; Method of Test for Measuring Water Vapor of Materials in Sheet Form; Replaced by E96

C215-14

Test Method for Fundamental Transverse, Longitudinal, and, **04.02**



C216-15

Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale), 04.05

C217/C217M-15

Test Method for Weather Resistance of Slate, 04.07
C218

Withdrawn 1965; Method of Test for Combined Effect of Temperature Cycles and Weak Salt Solution on Natural Building stone

C219-14a

Terminology Relating to Hydraulic Cement, **04.01**

C220-91(2009)

Specification for Flat Asbestos-Cement Sheets, 04.05

C221-98(2014)

Specification for Corrugated Asbestos-Cement Sheets, 04.05

C222-97(2014)

Specification for Asbestos-Cement Roofing Shingles, 04.05

C223-98(2014)

Specification for Asbestos-Cement Siding, 04.05

C224-78(2014)

Practice for Sampling Glass Containers, 15.02

C225-85(2014)

Test Methods for Resistance of Glass Containers to Chemical Attack, 15.02

C226-12

Specification for Air-Entraining Additions for Use in the Manufacture of Air-Entraining Hydraulic Cement, 04.01

C227-10

Test Method for Potential Alkali Reactivity of Cement-Aggregate, 04.02

C228

Withdrawn 1956; Method of Test for Sodium Oxide and Potassium Oxide in Portland Cement by Flame Photometry; Replaced by C114

C229

Withdrawn 1955; Method of Test for Setting Time of Hydraulic Cement in Mortar (Replacement Card)

C230/C230M-14

Specification for Flow Table for Use in Tests of Hydraulic Cement, **04.01**

C231/C231M-14

Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method, 04.02

C232/C232M-14

Test Method for Bleeding of Concrete, 04.02

C233/C233M-14

Test Method for Air-Entraining Admixtures for Concrete, 04.02

C234

Withdrawn 2000; Test Method for Comparing Concretes on the Basis of the Bond Developed with Reinforcing Steel

C235

Withdrawn 1978; Method of Test for Scratch Hardness of Coarse Aggregate Particles; Replaced by C851

C236

Withdrawn 2001; Test Method for Steady-State Thermal Performance of Building Assemblies by Means of a Guarded Hot Box; Replaced by C1363

C237

Withdrawn 1974; Method of Sampling Magnesium Oxide Compositions and Ingredients

C238

Withdrawn 1974; Method of Test for Sieve Analysis of Magnesium Oxide Compositions, Aggregates, and Fillers

C239

Withdrawn 1974; Method of Test for Sieve Analysis of Plastic Calcined Magnesia

C240-08(2012)

Test Methods of Testing Cellular Glass Insulation Block, **04.06**

C241/C241M-15^{e1}

Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic, 04.07

C242-14

Terminology of Ceramic Whitewares and Related Products, 15.02

C243

Withdrawn 2001; Test Method for Bleeding of Cement Pastes and Mortars

C244

Withdrawn 1974; Methods for Chemical Analysis of Magnesium Sulfate, Technical Grade

C245

Withdrawn 1974; Methods for Chemical Analysis of Magnesium Chloride

C246

Withdrawn 1974; Methods for Physical Testing of Magnesia for Magnesium Oxide Cements

C247

Withdrawn 1974; Methods of Test for Ignition Loss and Active Calcium Oxide in Magnesium Oxide for Use in Magnesium Oxide Cements

C248

Withdrawn 1974; Method of Test for Bulk Density of Magnesium Oxide Cements

C249

Withdrawn 1974; Method of Slump Test for Field Consistency of Magnesium Oxide Cements

C250

Withdrawn 1974; Method for Field Determination of Specific Gravity of Gauging Solutions for Magnesium Oxide Cements

C251

Withdrawn 1974; Method for Mixing Magnesium Oxide Cement Compositions with Gauging Solution (for Preparation of Specimens for Laboratory Tests)

C252

Withdrawn 1974; Method of Test for Linear Contraction of Magnesium Oxide Cements

C253

Withdrawn 1974; Method of Test for Linear Change of Magnesium Oxide Cements

C254

Withdrawn 1974; Method of Test for Setting Time of Magnesium Oxide Cements

C255

Withdrawn 1974; Method of Test for Consistency of Magnesium Oxide Cements by the Flow Table

C256



Withdrawn 1974; Method of Test for Flexural Strength of Magnesium Oxychloride Cements (Using Simple Bar with Two-Point or Single-Point Loading)

C257

Withdrawn 1974; Method of Test for Compressive Strength of Magnesium Oxychloride Cements

C258

Withdrawn 1982; Specification for Quicklime for Calcium Chloride Manufacture; Replaced by C911

C259

Withdrawn 1982; Specification for Hydrated Lime for Grease Manufacture; Replaced by C911

C260/C260M-10a

Specification for Air-Entraining Admixtures for Concrete,

04.02

C261

Withdrawn 1965; Specification for Standard Strength of Unglazed Clay Pipe

C262

Withdrawn 1979; Specification for Mineral Fiber Batt Insulation (Industrial Type)

C263

Withdrawn 1967; Specification for Mineral Fiber Blanket Insulation (Metal-Mesh Covered)(Industrial Type); Replaced by C592

C264

Withdrawn 1966; Specification for Mineral Fiber Felt Insulation (Industrial Type) for low temperatures; Replaced by C553

C265-08

Test Method for Water-Extractable Sulfate in Hydrated Hydraulic Cement Mortar, **04.01**

C266-13

Test Method for Time of Setting of Hydraulic-Cement Paste by Gillmore Needles, 04.01

C267-01(2012)

Test Methods for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes, 06.02

C268

Withdrawn 1979; Method of Test for Modulus of Rupture of Castable Refractories; Replaced by C860, C862, C865

C269

Withdrawn 1979; Method of Test for Permanent Linear Change on Firing of Castable Refractories; Replaced by C860, C862, C865

C270-14a

Specification for Mortar for Unit Masonry, **04.05**

C271/C271M-11

Test Method for Density of Sandwich Core Materials, 15.03

C272/C272M-12

Test Method for Water Absorption of Core Materials for Sandwich Constructions, 15.03

C273/C273M-11

Test Method for Shear Properties of Sandwich Core Materials, 15.03

C274-07

Terminology of Structural Sandwich Constructions, 15.03

C275

Withdrawn 1973; Specification for Oxychloride Magnesia

C276

Withdrawn 1974; Specification for Magnesium Chloride

C277

Withdrawn 1974; Specification for Magnesium Sulfate, Technical Grade

C278

Withdrawn 1965; Specification for Extra Strength Unglazed Clay Pipe; Replaced by C700

C279-13a

Specification for Chemical-Resistant Masonry Units,

04.05

C280

Withdrawn 1967; Specification for Mineral Fiber Blanket-Type Pipe Insulation; Replaced by C592

C281

Withdrawn 1965; Specification for Mineral Fiber Preformed Pipe Insulation for Elevated Temperatures; Replaced by C547

C282-10

Test Method for Acid Resistance of Porcelain Enamels,

02.05

C283-13

Test Methods for Resistance of Porcelain Enameled Utensils to Boiling Acid, 02.05

C284

Withdrawn 1963; Method of Test for Impact Resistance of Porcelain Enameled Utensils

C285-10

Test Methods for Sieve Analysis of Wet-Milled and Dry-Milled Porcelain Enamel, **02.05**

C286-99(2009)

Terminology Relating to Porcelain Enamel and Ceramic-Metal Systems, 02.05

C287-98(2012)

Specification for Chemical-Resistant Sulfur Mortar, 04.05

C288-87(2014)

Test Method for Disintegration of Refractories in an Atmosphere of Carbon Monoxide, 15.01

C289-07

Test Method for Potential Alkali-Silica Reactivity of Aggregates (Chemical Method), 04.02

C290

Withdrawn 1972; Method of Test for Resistance of Concrete Specimens to Rapid Freezing and Thawing in Water; Replaced by C666

C291

Withdrawn 1972; Method of Test for Resistance of Concrete Specimens to Rapid Freezing in Air and Thawing in Water; Replaced by C666

C292

Withdrawn 1966; Method of Test for Resistance of Concrete Specimens to Slow Freezing and Thawing in Water or Brine

C293/C293M-10

C293/C293M-10

Test Method for Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading), **04.02**

C294-12

Descriptive Nomenclature for Constituents of Concrete Aggregates, 04.02



C295/C295M-12

Guide for Petrographic Examination of Aggregates for Concrete, 04.02

C296/C296M-00(2009)^{e1}

Specification for Asbestos-Cement Pressure Pipe, 04.05

C297/C297M-15

Test Method for Flatwise Tensile Strength of Sandwich Constructions, 15.03

C298

Withdrawn 1973; Specification for Cellular Asbestos Paper Thermal Insulation for Pipes

C299

Withdrawn 1973; Specification for Laminated Asbestos Thermal Insulation for Pipes

C300

Withdrawn 1964; Specification for Mineral Fiber Preformed Pipe Insulation for Low Temperatures; Replaced by C547

C301-13

Test Methods for Vitrified Clay Pipe, 04.05

C302-13

Test Method for Density and Dimensions of Preformed Pipe-Covering-Type Thermal Insulation, 04.06

C303-10

Test Method for Dimensions and Density of Preformed Block and Board Type Thermal Insulation, 04.06

C304

Withdrawn 1957; Method of Test for Vibration Resistance of Preformed Thermal Insulation for Pipes

C305-14

Practice for Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency, 04.01

C306

Withdrawn 1972; Method of Test for Compressive Strength of Chemical-Resistant Resin Mortars

C307-03(2012)

Test Method for Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacing, 06.02

C308-00(2012)^{e1}

Test Methods for Working, Initial Setting, and Service Strength Setting Times of Chemical-Resistant Resin Mortars, 06.02

C309-11

Specification for Liquid Membrane-Forming Compounds for Curing Concrete, 04.02

C310

Withdrawn 1965; Method of Test for Resistance of Concrete Specimens to Slow Freezing in Air and Thawing in Water

C311/C311M-13

Test Methods for Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete, 04.02

C312

Withdrawn 1967; Recommended Practice for Clearance of Preformed Thermal Pipe Insulation; Replaced by C585

C313

Withdrawn 1989; Method of Test for Adherence of Porcelain Enamel and Ceramic Coatings to Sheet Metal

C314

Withdrawn 1981; Test Method for Flatness of Porcelain Enameled Panels

C315-07(2011)

Specification for Clay Flue Liners and Chimney Pots, 04.05

C316

Withdrawn 1986; Classification of Single- and Double-Screened Ground Refractory Materials

C317/C317M-00(2010)

Specification for Gypsum Concrete, 04.01

C318/C318M-13

Specification for Gypsum Formboard, 04.01

C319

Withdrawn 1963; Specification for 85 Percent Magnesia Block-Type Thermal Insulation; Replaced by C489

C320

Withdrawn 1963; Specification for 85 Percent Magnesia Thermal Insulation; Replaced by C489

C321-00(2012)

Test Method for Bond Strength of Chemical-Resistant Mortars, 04.05

C322-09(2014)

Practice for Sampling Ceramic Whiteware Clays, 15.02

C323-56(2011)

Test Methods for Chemical Analysis of Ceramic Whiteware Clays, 15.02

C324-01(2014)

Test Method for Free Moisture in Ceramic Whiteware Clays, 15.02

C325-07(2014)

Guide for Wet Sieve Analysis of Ceramic Whiteware Clays, 15.02

C326-09(2014)

Test Method for Drying and Firing Shrinkages of Ceramic Whiteware Clays, 15.02

C327

Withdrawn 1980; Method of Test for Linear Thermal Expansion of Fired Ceramic Whiteware Materials by the Interferometric Method; Replaced by C539

C328

Withdrawn 1972; Test Methods for Modulus of Rupture of Fired, Dry-Pressed Ceramic Whiteware Specimens at Normal Temperature; Replaced by C674

C329-88(2011)

Test Method for Specific Gravity of Fired Ceramic Whiteware Materials, 15.02

C330/C330M-14

Specification for Lightweight Aggregates for Structural Concrete, 04.02

C331/C331M-14

Specification for Lightweight Aggregates for Concrete Masonry Units, 04.02

C332-09

Specification for Lightweight Aggregates for Insulating Concrete, 04.02

C333

Withdrawn 1963; Specification for Diatomaceous Earth Thermal Block Insulation; Replaced by C517

C334

Withdrawn 1963; Specification for Diatomaceous Earth



Thermal Insulation for Pipes; Replaced by C517

C335/C335M-10^{e1}

Test Method for Steady-State Heat Transfer Properties of Pipe Insulation, **04.06**

C336-71(2010)

Test Method for Annealing Point and Strain Point of Glass by Fiber Elongation, 15.02

C337

Withdrawn 1970; Method of Test for Average Linear Expansion of Glass; Replaced by E228

C338-93(2013)

Test Method for Softening Point of Glass, **15.02**

C339

Withdrawn 1970; Specification for Cork Pipe Insulation for Low Temperature; Replaced by C640

C340

Withdrawn 1970; Specification for Corkboard Thermal Insulation

C341/C341M-13

Practice for Preparation and Conditioning of Cast, Drilled, or Sawed Specimens of Hydraulic-Cement Mortar and Concrete Used for Length Change Measurements, **04.02**

C342

Withdrawn 2001; Test Method for Potential Volume Change of Cement-Aggregate Combinations

C343

Withdrawn 1966; Specification for Cellular Glass Insulating Block; Replaced by C552

C344

Withdrawn 1964; Specification for Calcium Silicate Thermal Block Insulation; Replaced by C553

C345

Withdrawn 1964; Specification for Calcium Silicate Thermal Insulation for Pipes; Replaced by C553

C346-87(2014)

Test Method for 45-deg Specular Gloss of Ceramic Materials, **02.05**

C347

Withdrawn 1991; Method of Test for Reflectivity and Coefficient of Scatter of White Porcelain Enamels

C348-14

Test Method for Flexural Strength of Hydraulic-Cement Mortars, **04.01**

C349-14

Test Method for Compressive Strength of Hydraulic-Cement Mortars, 04.01

C350

Withdrawn 1969; Specification for Fly Ash for Use As an Admixture in Portland Cement Concrete; Replaced by C618

C351

Withdrawn 2008; Test Method for Mean Specific Heat of Thermal Insulation

C352

Withdrawn 1969; Specification for Corkboard Thermal Insulation; Replaced by C640

C353

Withdrawn 2002; Test Method for Adhesion of Dried Thermal Insulating or Finishing Cement

C354

Withdrawn 2002; Test Method for Compressive Strength of Thermal Insulating or Finishing Cement

C355

Withdrawn 1983; Test Methods for Water Vapor Transmission of Thick Materials; Replaced by E96

C356-10

Test Method for Linear Shrinkage of Preformed High-Temperature Thermal Insulation Subjected to Soaking Heat, **04.06**

C357-07(2009)^{e1}

Test Method for Bulk Density of Granular Refractory Materials, 15.01

C358

Withdrawn 1968; Specification for Slag Cement; Replaced by C595

C359-13

Test Method for Early Stiffening of Hydraulic Cement (Mortar Method), **04.01**

C360

Withdrawn 1999; Test Method for Ball Penetration in Freshly Mixed Hydraulic Cement Concrete

C361-14a

Specification for Reinforced Concrete Low-Head Pressure Pipe, **04.05**

C361M-14

Specification for Reinforced Concrete Low-Head Pressure Pipe (Metric), 04.05

C362

Withdrawn 1960; Specification for Reinforced Concrete Internal Pressure Sewer Pipe

C363/C363M-09(2015)

Test Method for Node Tensile Strength of Honeycomb Core Materials, **15.03**

C364/C364M-07(2012)

Test Method for Edgewise Compressive Strength of Sandwich Constructions, 15.03

C365/C365M-11a

Test Method for Flatwise Compressive Properties of Sandwich Cores, 15.03

C366/C366M-11

Test Methods for Measurement of Thickness of Sandwich Cores, 15.03

C367/C367M-09

Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels, 04.06

C368-88(2011)

Test Method for Impact Resistance of Ceramic Tableware, 15.02

C369

Withdrawn 1972; Method of Test for Modulus of Rupture of Fired, Cast or Extruded Whiteware Products; Replaced by C674

C370-12

Test Method for Moisture Expansion of Fired Whiteware Products, **15.02**

C371-09(2014)

Test Method for Wire-Cloth Sieve Analysis of Non-plastic Ceramic Powders, 15.02

C372-94(2012)

Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and Fired Ceramic Whiteware Products by the Dilatometer Method, 15.02

C373-14a



Test Method for Water Absorption, Bulk Density, Apparent Porosity, and Apparent Specific Gravity of Fired Whiteware Products, Ceramic Tiles, and Glass Tiles, 15.02

C374-14

Test Methods for Fusion Flow of Porcelain Enamel Frits (Flow-Button Methods), 02.05

C375-58(2011)^{e1}

Classification of Water Used in Milling of Porcelain Enamel, 02.05

C376

Withdrawn 1974; Definition of Terms Relating to Magnesium Oxychloride and Magnesium Oxysulfate Cements
C377

Withdrawn 1983; Specification for Precast Reinforced Gypsum Slabs

C378

Withdrawn 1968; Specification for Mineral Fiber Block or Board Insulation for Low Temperature; Replaced by C612

C379

Withdrawn 1967; Specification for Fly Ash for Use As a Pozzolan Material With Lime; Replaced by C593

C380

Withdrawn 1965; Specification for Annular Ringed Nails for Gypsum Wallboard; Replaced by C514

C381

Withdrawn 1965; Specification for Cellular Glass Thermal Insulation for Pipes; Replaced by C552

C382

Withdrawn 1965; Specification for Mineral Fiber Blanket and Felt Insulation (Industrial type) for Elevated Temperatures; Replaced by C553

C383

Withdrawn 2002; Test Method for Wet Adhesion of Thermal Insulating Cements to Metal

C384-04(2011)

Test Method for Impedance and Absorption of Acoustical Materials by Impedance Tube Method, 04.06

C385-58(2014)

Test Method for Thermal Shock Resistance of Porcelain-Enameled Utensils, 02.05

C386-93(2012)

Practice for Use of Chemical-Resistant Sulfur Mortar, 04.05

C387/C387M-11b

Specification for Packaged, Dry, Combined Materials for Concrete and High Strength Mortar, 04.02

C388

Withdrawn 1974; Method of Test for Yield of Magnesium Oxychloride Cement (Field Test)

C389

Withdrawn 1974; Method of Test for Yield of Magnesium Oxychloride Cement (Laboratory Test)

C390-08(2013)

Practice for Sampling and Acceptance of Thermal Insulation Lots, 04.06

C391

Withdrawn 1977; Specification for Amosite Asbestos Thermal Insulation for Pipes

C392

Withdrawn 1968; Specification for Mineral Fiber Block

or Board Thermal Insulation for Elevated Temperatures; Replaced by C612

C393/C393M-11^{e1}

Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure, 15.03

C394/C394M-13

Test Method for Shear Fatigue of Sandwich Core Materials, 15.03

C395-01(2012)

Specification for Chemical-Resistant Resin Mortars, 04.05

C396

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C397-00(2012)

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C398-98(2012)

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C399-98(2012)

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C400-98(2013)

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C401-12

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C402

Withdrawn 1968; Specification for Raw or Calcined Natural Pozzolans for Use As Admixtures in Portland Cement Concrete; Replaced by C618

C403/C403M-08

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C404-11

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C405

C405

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C406/C406M-15

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C407

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C408-88(2011)

C408-88(2011)

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C409

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C410-13

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C411-11

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C412-11



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C413-01(2012)**

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Mortars, Grouts, Monolithic Surfacing, and Polymer
Concretes, 06.02**

C414-03(2012)

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C415**

*Withdrawn 1982; Specification for Quicklime and
Hydrated Lime for Calcium Silicate Products; Replaced
by C911*

C416-97(2013)

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C417-05(2010)^{e1}

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Monolithic Refractories, 15.01**

C418-12

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C419-08(2013)

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Mastic Thermal Insulation Coatings, 04.06**

C420

*Withdrawn 1970; Method of Test for Thermal Conduc-
tivity of Insulating Materials at Low Temperatures by
Means of the Wilkes Calorimeter*

C421-08(2014)

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Type and Preformed Pipe-Covering-Type Thermal Insula-
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C422

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C423-09a

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Coefficients by the Reverberation Room Method, 04.06**

C424-93(2012)

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C425-04(2013)

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C426-10

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C427

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C428/C428M-05(2011)^{e1}

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C429-01(2011)

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Glass Manufacture, 15.02**

C430-08

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45- μ (No. 325) Sieve, 04.01**

C431

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of Sorptive Mineral Products Used As Floor Absorbents

C432
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with Lime; Replaced by C593*

C433

*Withdrawn 1982; Specification for Quicklime and
Hydrated Lime for Hypochlorite Bleach Manufacture;*

Replaced by C911

C434

*Withdrawn 1984; Specification for Insulating Firebrick
for Linings of Industrial Furnaces Operated with a Neutral
or Oxidizing Atmosphere*

C435

*Withdrawn 2001; Classification of Steel Pouring Pit
Fireclay Refractories*

C436

*Withdrawn 1990; Test Method for Reheat Change of
Carbon Refractory Brick and Shapes*

C437

*Withdrawn 1971; Test Method for Size and Bulk Den-
sity of Insulating Fire Brick; Replaced by C134*

C438

*Withdrawn 1973; Method of Test for Thermal Conduc-
tivity of Plastic Refractories; Replaced by C417*

C439

*Withdrawn 1990; Test Method for Resistance to Ther-
mal Spalling of Silica Brick*

C440

*Withdrawn 1969; Specification for Cotton Mats for Cur-
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C441/C441M-11

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C442/C442M

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Replaced by C1396

C443-12

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C443M-11

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holes, Using Rubber Gaskets (Metric), 04.05**

C444-03(2009)

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C444M-03(2009)

**Specification for Perforated Concrete Pipe (Metric),
04.05**

C445

*Withdrawn 1980; Method of Test for Normal Total Emit-
tance of Surfaces of Materials 0.01 in. or Less in Thick-
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C446

*Withdrawn 2002; Test Method for Breaking Load and
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for Pipes*

C447-03(2010)

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C448-88(2011)^{e1}

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C449-07(2013)

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C450-08(2014)

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C451-13

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C452/C452M-10

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C453

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C454-10

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C455-07(2013)

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C456-13

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C457/C457M-12

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C458/C458M-98(2011)^{e1}

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C459/C459M-97(2011)^{e1}

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C460

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C461-81(2008)

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C462

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C463

Withdrawn 1965; Specification for Extra Strength Ceramic Glazed Clay Pipe; Replaced by C700

C464

Withdrawn 1990; Test Method for Corrosion Effect of Thermal Insulating Cements on Base Metal

C465-10

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C466-03(2012)

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C467-14

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C468

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C469/C469M-14

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C470/C470M-15

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C471M-14

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C472-99(2014)

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C473-15

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C474-13

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C475/C475M-15

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C476-10

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C477

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C478-15

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C478M-15

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C479-04(2013)

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C480/C480M-08(2015)

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C481-99(2011)

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C482-02(2014)

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C483

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C484-99(2014)

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C485-09

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C486

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C487

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C488-05(2010)

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C489



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C490/C490M-11^{e1}

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C491

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C492-92(2013)

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C493

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C494/C494M-13

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C495/C495M-12

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C496/C496M-11

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C497M-14

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C502-09

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C505-11

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C505M-11

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C507-14

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C507M-14

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C513/C513M-11^{e1}

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C519

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C520-04(2010)

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C521

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C571

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C572

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C573

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C574

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C575

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C576

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C577-07(2014)

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C580-02(2012)

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C581-03(2008)^{e1}

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C590

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C599

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C600-85(2010)

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C601-85(2010)

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C606

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C609-07(2014)

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C619

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C620

Withdrawn 1996; Test Method for Hydration Resistance of Pitch-Bearing Basic Refractory Brick

C621-09(2014)

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C622

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C623-92(2010)

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C624

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C625-95(2010)

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C626

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C628

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C630/C630M

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C632-88(2011)^{e1}

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C643

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C644

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C645-14

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C646



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C647-08(2013)

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C648-04(2014)

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C649

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C650-04(2014)

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C653-97(2012)

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C655M-14

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C657-93(2013)

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C659-90(2014)

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C662-70(2010)

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C663-98(2014)

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C667-09(2014)

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C668-98(2014)

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C670-13

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C671

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C672/C672M-12

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C673-97(2013)

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C675-91(2011)

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C676-04(2014)

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C677

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C678

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C679-15

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C681-14

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C682

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C683

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C684

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C685/C685M-14

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C686-90(2011)^{c1}

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C687-12

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C690-09(2014)

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C691

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C692-13

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C693-93(2013)

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C694-90a(2011)^{c1}

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C695-91(2010)

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C697-10

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C698-10

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C699

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C700-13

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C701

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C702/C702M-11

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C704/C704M-14

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C707

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C711-14

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C712-14

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C713

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C714-05(2010)

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C715-90(2011)^{c1}

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C717-14a

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C718

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C719-14

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C720

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C723-98(2012)

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C725-90(2014)

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C727-12

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C732-06(2012)

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C733

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C734-15

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C735-04(2014)

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C738-94(2011)

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C742

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C743-87(2014)^{e1}

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C751-07(2012)

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C753-04(2009)

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C756-87(2011)^{e1}

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C757-06(2011)^{e1}

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C758-04(2010)

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C759-10

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C760-90(2015)

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C761-11

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C762

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C763

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C766

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C767-93(2013)

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C768

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C769-09

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C777-04(2014)

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C788-03(2015)

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C789

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C789M

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C791-12

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C798

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C803/C803M-03(2010)

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C812

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C814

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C815

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C817

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C818

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C850M
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C851
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C853
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C907-03(2012)

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C908-00(2011)

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C909-93(2010)

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C911-06(2011)

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C912-93(2013)

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C923M-08b(2013)

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C924M

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C925-09(2014)

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C927-80(2014)

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C929-14

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C931/C931M

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C932-06(2013)

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C933-14

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C934

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C935-13

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C936/C936M-13

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C941-10

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C942-10

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C943-10

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C944/C944M-12

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C945-05(2012)

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C946-10

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C947-03(2009)

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C948-81(2009)

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C949-80(2012)



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C954-15

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C956-04(2010)

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C957/C957M-15

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C958-92(2014)

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C959

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C960/C960M

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C961-06(2011)

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C963-00(2012)

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C964-07(2012)

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C965-96(2012)

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C966-98(2014)

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C967-13

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C968-12

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C969-02(2009)

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C969M-02(2009)

Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric), 04.05

C970

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C971

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C972-00(2011)

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C973-87(2009)

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C974-87(2009)

Practice for Preparing Test Specimens from Basic Refractory Castable Products by Casting, 15.01

C975-87(2009)

Practice for Preparing Test Specimens from Basic Refractory Ramming Products by Pressing, 15.01

C976

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C977-10

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C978-04(2014)

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C979/C979M-10

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C981-05(2013)

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C982

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C983

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C984

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C985-13

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C985M-13

Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe (Met-



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C986

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C987-10

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C988

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C989/C989M-14

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C990-09(2014)

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C990M-09(2014)

Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants (Metric), 04.05

C991-15

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C992-11

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C993-97(2012)

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C994

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C995

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C996-10

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C997

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C998-05(2010)^{c1}

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C999-05(2010)^{c1}

Practice for Soil Sample Preparation for the Determination of Radionuclides, 12.01

C1000-11

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C1001-11

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C1002-14

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C1003

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C1004

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C1005-10

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C1006-07(2013)

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C1007-11a

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C1008

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C1009-13a

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C1010

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C1011

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C1012/C1012M-13

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C1013

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C1014-08(2013)

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C1015-06(2011)^{c1}

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C1016-14

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C1017/C1017M-13^{c1}

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C1018

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C1019-14

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C1020

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C1021-08(2014)

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C1022-05(2010)^{e1}

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C1023-10(2014)

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C1026-13

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C1027-09

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C1028

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C1031-11

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C1033

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C1035

Withdrawn 2001; Specification for Lead and Cadmium Extracted from Glazed Ceramic Cookware

C1036-11^{e1}

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C1037-08

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C1038/C1038M-14b

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C1039-85(2010)^{e1}

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C1040/C1040M-08(2013)

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C1041-10

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C1042

Withdrawn 2008; Test Method for Bond Strength of Latex Systems Used With Concrete By Slant Shear

C1043-06(2010)

Practice for Guarded-Hot-Plate Design Using Circular Line-Heat Sources, 04.06

C1044-12

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C1045-07(2013)

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C1046-95(2013)

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C1047-14a

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C1048-12^{e1}

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C1049

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C1050

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C1051

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C1052-14

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C1053-00(2010)

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C1055-03(2014)

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C1056

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C1057-12

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C1058/C1058M-10(2015)

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C1059/C1059M-13

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C1060-11a

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C1061

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C1062-00(2014)

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C1063-14d

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C1064/C1064M-12

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C1066-09(2015)

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C1068-03(2011)

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C1069-09(2014)

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C1070-01(2014)

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C1071-12

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C1072-13^{c1}

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C1075-10

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C1076-09(2015)

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C1078

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C1079

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C1080-98(2014)

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C1081-98(2014)

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C1082-98(2014)

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C1083-06(2011)

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C1084-10

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C1085

Withdrawn 1998; Specification for Butyl Rubber-Based Solvent-Release Sealants; Replaced by C1311

C1086-09

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C1087-00(2011)

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C1089-13

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C1091-03a(2013)

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C1092

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C1093-13a^{c1}

Practice for Accreditation of Testing Agencies for Masonry, 04.05

C1094

Withdrawn 2010; Guide for Flexible Removable Insulation Covers

C1095

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C1096/C1096M-07(2011)^{c1}

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C1097-13

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C1098-08(2015)

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C1099-07(2012)

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C1100

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C1101/C1101M-06(2012)

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C1102

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C1103-14

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C1103M-14

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C1104/C1104M-13a

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C1105-08a

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C1106-00(2012)

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C1107/C1107M-14a

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C1109-10(2015)

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C1110

Withdrawn 2014; Test Method for Determining Elements in Waste Streams by Inductively Coupled Plasma-Atomic Emission Spectroscopy

C1111-10(2015)

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C1112

Withdrawn 2014; Guide for Application of Radiation Monitors to the Control and Physical Security of Special Nuclear Material

C1113/C1113M-09(2013)

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C1114-06(2013)

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C1115-06(2011)

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C1116/C1116M-10a(2015)

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C1117

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C1118

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C1119/C1119M-90(2009)^{e1}

Test Method for Vacuum Drainage of Asbestos-Cement Mixes, **04.05**

C1120/C1120M-98(2011)^{e1}

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Test Method for Turner and Newall (T and N) Wet-Length Classification of Asbestos, 04.05

C1122/C1122M-90(2009)^{e1}

Test Method for Wet Volume of Asbestos, 04.05

C1123/C1123M-90(2009)^{e1}

Test Method for Compressibility and Recovery of Asbestos, 04.05

C1124/C1124M-90(2009)^{e1}

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C1125-89(2009)

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C1126-15

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C1127/C1127M-15

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C1128-15

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C1129-12

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C1130-07(2012)

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C1131-10^{e1}

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C1132

Withdrawn 2002; Practice for Calibration of the Heat Flow Meter Apparatus

C1133/C1133M-10

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C1137

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C1138M-12

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C1140/C1140M-11

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C1141/C1141M-08

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C1143

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C1144-89(2011)

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C1145-06(2013)

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C1146-09(2013)

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C1148-92a(2014)

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C1151

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C1152/C1152M-04(2012)^{c1}

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C1155-95(2013)

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C1156-03(2011)

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C1157/C1157M-11

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C1158

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C1159-98(2012)

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C1160-97(2012)

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C1168-08

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C1175-99a(2010)

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C1182-09(2014)

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C1192

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C1195-03(2011)

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C1208M

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C1250

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C1252

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C1344-97(2013)

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C1347-08(2014)¹

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C1348

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C1361-10

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C1363-11

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C1364-10b

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C1430-07(2011)^{e1}

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D97-12

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D98-05(2013)

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D99

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D100

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D101

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D102

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D103

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D104

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D105

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D106

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D107

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D108

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D109

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D110

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D111

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D112

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D113-07

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D114

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D115-14

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D116-86(2011)

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D117-10

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D118

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D119

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D120-14a

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D121-09a

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D122

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D123-15

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D124

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D125

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D126-87(2012)

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D127-08

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D128-98(2014)

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D129-13

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D130-12

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D131

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D132

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D133

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D134

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D135

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D136

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D137

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D138

Redesignated C143

D139-12

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D140/D140M-14

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D141

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D142

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D143-14

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D144

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D145

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D146/D146M-04(2012)^{e1}

Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and

Waterproofing, 04.04

D147

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D148

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D149-09(2013)

Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies, 10.01

D150-11

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D151

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D152

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D153-84(2014)

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D154-85(2009)

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D155

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D156-12

Test Method for Saybolt Color of Petroleum Products (Saybolt Chromometer Method), 05.01

D157

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D158

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D159

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D160

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D161

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D162

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D163

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D164

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D165



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D166

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D167-12a

Test Method for Apparent and True Specific Gravity and Porosity of Lump Coke, 05.06

D168

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D169

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D170

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D171

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D172

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D173/D173M-03(2011)^{c1}

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D174

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D175

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D176

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D177

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D178-01(2010)

Specification for Rubber Insulating Matting, 10.03

D179

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D180

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D181

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D182

Withdrawn 1940; Specification for ASTM Thermometer; Replaced by E1

D183

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D184

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D185-07(2012)

Test Methods for Coarse Particles in Pigments, 06.03

D186

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D187-08(2013)

Test Method for Burning Quality of Kerosine, 05.01

D188

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D189-06(2014)

Test Method for Conradson Carbon Residue of Petroleum Products, 05.01

D190

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D191

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D192

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D193

Withdrawn 1939; Specification for Broken and Crushed Slag Stone for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693

D194

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D195

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D196

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D197-87(2012)

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D198-14^{c1}

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D199

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D200

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D201

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D202-08

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Used for Electrical Insulation, **10.01**

D203

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D204-02(2010)^{c1}

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D205

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D206

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D207

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D208

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D209-81(2012)

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D210-05(2011)

Specification for Bone Black Pigment, 06.03

D211-67(2012)

Specification for Chrome Yellow and Chrome Orange Pigments, 06.03

D212

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D213

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D214

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D215

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D216

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D217-10

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D218

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D219

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D220

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D221

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D222

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D223

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D224

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Asphalt Roll Roofing (Organic Felt); Replaced by D6380

D225

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D226/D226M-09

Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing, **04.04**

D227/D227M-03(2011)^{c1}

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D228/D228M-09(2014)

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D229-13

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D230

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D231

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D232

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D233-13

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D234

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D235-02(2012)

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D236

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D237

Withdrawn 2006; Specification for Orange Shellac and Other Lacs

D238

Withdrawn 1928; Method of Test for Specific Gravity of Pigments; Combined with D 153

D239

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D240-14

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D241

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D242/D242M-09(2014)

Specification for Mineral Filler For Bituminous Paving Mixtures, **04.03**

D243/D243M-14

Test Method for Residue of Specified Penetration, 04.03

D244-09

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D245-06(2011)



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D246

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D247

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D248

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D249

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D250

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D251

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D252

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D253

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D254

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D255

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D256-10

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D257-14

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D258

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D259

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D260

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D261

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D262

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D263-05(2011)

Specification for Chrome Oxide Green Pigment, **06.03**

D264

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Toner; Replaced by D475

D265

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D266

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D267-82(2014)

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D268-01(2012)

Guide for Sampling and Testing Volatile Solvents and Chemical Intermediates for Use in Paint and Related Coatings and Material, 06.04

D269-97(2011)

Test Method for Insoluble Matter in Rosin and Rosin Derivatives, 06.03

D270

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D271

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D272

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D273

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D274

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D275

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D276-12

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D277

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D278

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D279-02(2012)

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D280-01(2012)

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D281-12

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D282

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D283-13

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D284

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D285



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D286

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D287-12b

Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method), **05.01**
D288

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D289

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D290

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D291-07(2012)
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D292
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D293-93(2010)
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D294
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D295-12

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D296

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D297-13

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D298

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D299/D299M-04(2009)^{c1}
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D300
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D301

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D302

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D303

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D304-11

Specification for n-Butyl Alcohol (Butanol), **06.04**
D305-84(2014)

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D306

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minum Powder and Paste; Replaced by D480
D307

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D308

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D309

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D310

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D311

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D312/D312M-15

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D313

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D314

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D315/D315M-95(2009)^{c1}

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D316

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D317

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D318

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D319

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D320

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D321

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D322-97(2012)

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D323-08(2014)

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D324

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D325

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D326

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D327

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- D328
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D329-07(2013)
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D330-07(2013)
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D331-11
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D332-87(2011)
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D333-01(2013)
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D334
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D335
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D336
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D337
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D338
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D339
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D340
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D341-09
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D342
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D343
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D344-11
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D345-02(2010)
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D346/D346M-11
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D347
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D348-13
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D349-13
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D350-13
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D351-14
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D353
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D354
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D355
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D356
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D357
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D358
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D359
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D360-12
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D361
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D362
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D363
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D364
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D365-01(2011)
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D366
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D367
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D368
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D369
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D370
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D371



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D372

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D373

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D374

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D374M-13

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D375/D375M-95(2009)^{e1}

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D376

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D377

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Copper and Manganese in Textiles*

D378-10

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D379

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D380-94(2012)

Test Methods for Rubber Hose, **09.02**

D381-12

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D382

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D383

*Withdrawn 1940; Specification for Titanium Calcium
Pigment; Replaced by D476*

D384

*Withdrawn 1939; Specification for Titanium Dioxide;
Replaced by D476*

D385

*Withdrawn 1940; Specification for Zinc Sulfate Pig-
ment; Replaced by D477*

D386

*Withdrawn 1940; Specification for Zinc Oxide;
Replaced by D477*

D387-00(2008)

Test Method for Color and Strength of Chromatic Pig-
ments with a Mechanical Muller, **06.01**

D388-15

Classification of Coals by Rank, 05.06

D389

*Withdrawn 1963; Specification for Classification of
Coals by Grade*

D390

*Withdrawn 2006; Specification for Coal-Tar Creosote
for the Preservative Treatment of Piles, Poles, and Tim-
bers of Marine, Land, and Fresh Water Use*

D391

*Withdrawn 2006; Specification for Creosote-Coal Tar
Solution*

D392

*Withdrawn 1963; Methods of Testing Molding Powders
Used in Manufacturing Molded Electrical Insulators*

D393

*Withdrawn 1938; Specification for Insulated Wire and
Cable: Class A, 30% Heavy Rubber Compound*

D394

*Withdrawn 1970; Method of Test for Abrasion Resis-
tance of Rubber Compounds*

D395-14

Test Methods for Rubber Property—Compression Set,
09.01

D396-14a

Specification for Fuel Oils, 05.01

D397

*Withdrawn 1951; Specification for Emulsified Asphalt;
Replaced by D977*

D398

*Withdrawn 1950; Specification for Emulsified Asphalt;
Replaced by D977*

D399

*Withdrawn 1950; Specification for Emulsified Asphalt;
Replaced by D977*

D400

*Withdrawn 1937; Specification for Emulsified Asphalt
(Heavy Premix-Winter Grade)*

D401

*Withdrawn 1949; Specification for Emulsified Asphalt;
Replaced by D977*

D402/D402M-14

Test Method for Distillation of Cutback Asphalt, **04.03**

D403

*Withdrawn 1953; Methods of Testing and Tolerances
for Yarns Containing Wool; Replaced by D1285*

D404

*Withdrawn 1953; Methods of Testing and Tolerances
for Yarns Containing Wool; Replaced by D1285*

D405

*Withdrawn 1982; Specification for Blue Lead; Basic
Sulfate*

D406

*Withdrawn 1961; Method of Test for Relative Dry Hid-
ing Power of White Pigments in Linseed Oil Vehicle*

D407

*Withdrawn 1977; Definitions of Terms Relating to
Gross Calorific Value and Net Calorific Value of Solid and
Liquid Fuels; Replaced by D121*

D408

*Withdrawn 1951; Method of Test for Grindability of
Coal by the Ball-Mill Method*

D409/D409M-12

Test Method for Grindability of Coal by the Hardgrove-
Machine Method, **05.06**

D410

Withdrawn 1988; Method for Sieve Analysis of Coal

D411

*Withdrawn 2013; Test Methods for Shellac Used for
Electrical Insulation*

D412-06a(2013)

Test Methods for Vulcanized Rubber and Thermoplastic



Elastomers—Tension, **09.01**

D413-98(2013)

Test Methods for Rubber Property—Adhesion to Flexible Substrate, 09.01

D414

Withdrawn 1955; Methods of Testing Cotton Fibers; Replaced by D1440, D1441, D1285, D1442, D1445, D1447, D1448

D415

Withdrawn 1949; Methods of Testing Woven Textiles Fabrics

D416

Withdrawn 1962; Methods of Test for Dimensional Changes in Laundering of Fabrics Woven or Partially of Man-Made Organic Base Fibers

D417

Withdrawn 1937; Method of Test for Vapor Pressure of Petroleum Products; Replaced by D323

D418

Withdrawn 1998; Test Methods for Testing Pile Yarn Floor Covering Construction

D419

Withdrawn 1981; Specification for Test for Fineness of Wool; Replaced by D3991

D420

Withdrawn 2011; Guide to Site Characterization for Engineering Design and Construction Purposes

D421-85(2007)

Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants, 04.08

D422-63(2007)^{c2}

Test Method for Particle-Size Analysis of Soils, 04.08

D423

Withdrawn 1983; Method of Test for Liquid Limit of Soils; Replaced by D4318

D424

Withdrawn 1983; Method of Test for Plastic Limit and Plasticity Index of Soils; Replaced by D4318

D425-88(2008)

Test Method for Centrifuge Moisture Equivalent of Soils, 04.08

D426

Withdrawn 1959; Method of Test for Field Moisture Equivalent of Soils

D427

Withdrawn 2008; Test Method for Shrinkage Factors of Soils by the Mercury Method

D428

Withdrawn 1940; Methods of Test for Accelerated Aging of Vulcanized Rubber by the Oven Method; Replaced by D572, D573

D429-14

Test Methods for Rubber Property—Adhesion to Rigid Substrates, 09.01

D430-06(2012)

Test Methods for Rubber Deterioration—Dynamic Fatigue, 09.01

D431

Withdrawn 1988; Method for Designating the Size of Coal from Its Sieve Analysis; Replaced by D4749

D432

Withdrawn 1961; Specification for Zinc Chloride

D433

Withdrawn 1966; Methods of Testing and Tolerances for Certain Carded Gray Goods

D434

Withdrawn 2003; Test Method for Resistance to Slip-page of Yarns in Woven Fabrics Using a Standard Seam

D435

Withdrawn 1958; Method of Test for Color Fastness to Commercial Laundering and to Domestic Washing of Cotton and Textiles

D436

Withdrawn 1958; Method of Test for Color Fastness of Dyed or Printed Wool, Silk, Rayon, or Acetate Fabric to Laundering or Domestic Washing

D437

Withdrawn 1962; Method of Test for Shrinkage in Laundering of Woven Cotton Cloth

D438

Withdrawn 1938; Method of Test for Saponification Number of Petroleum Products by Color-Indicator Titration; Replaced by D94

D439

Withdrawn 1991; Specification for Automotive Gasoline

D440-07(2012)

Test Method of Drop Shatter Test for Coal, 05.06

D441-07(2012)

Test Method of Tumbler Test for Coal, 05.06

D442

Withdrawn 1939; Specification for Titanium-Magnesium Pigment; Replaced by D476

D443

Withdrawn 1939; Specification for Zinc Sulfate Pigment

D444-88(2014)

Test Methods for Chemical Analysis of Zinc Yellow Pigment (Zinc Chromate Yellow), 06.03

D445-14^{c2}

Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity), 05.01

D446-12

Specifications and Operating Instructions for Glass Capillary Kinematic Viscometers, 05.01

D447

Withdrawn 1998; Test Method for Distillation of Plant Spray Oils

D448-12

Classification for Sizes of Aggregate for Road and Bridge Construction, 04.03

D449/D449M-03(2014)^{c1}

Specification for Asphalt Used in Dampproofing and Waterproofing, 04.04

D450/D450M-07(2013)^{c1}

Specification for Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing, 04.04

D451/D451M-91(2013)^{c1}

Test Method for Sieve Analysis of Granular Mineral Surfacing For Asphalt Roofing Products, 04.04

D452/D452M-91(2013)^{c1}

Test Method for Sieve Analysis of Surfacing for Asphalt Roofing Products, 04.04

D453

Withdrawn 2006; Test Method for Tar Acids in



Creosote-Coal Tar Solutions

D454-04(2010)

Test Method for Rubber Deterioration by Heat and Air Pressure, **09.01**

D455

Withdrawn 2000; Specification for Milled Toilet Soap

D456

Withdrawn 2001; Specification for Caustic Soda (Anhydrous)

D457

Withdrawn 2001; Specification for Modified Soda (Sesquicarbonate Type)

D458

Withdrawn 2001; Specification for Soda Ash

D459-09

Terminology Relating to Soaps and Other Detergents, **15.04**

D460-91(2014)

Test Methods for Sampling and Chemical Analysis of Soaps and Soap Products, 15.04

D461

Withdrawn 2003; Test Methods for Felt

D462

Withdrawn 1977; Methods of Testing and Tolerances for Certain Wool and Part Wool Fabrics

D463

Withdrawn 1947; Method of Test for Volumetric Determination of Small Amounts of Copper in Textiles

D464-05(2010)

Test Methods for Saponification Number of Naval Store Products Including Tall Oil and Other Related Products, **06.03**

D465-05(2010)

Test Methods for Acid Number of Naval Stores Products Including Tall Oil and Other Related Products, 06.03

D466

Withdrawn 1999; Test Methods for Films Deposited from Bituminous Emulsions

D467

Withdrawn 1951; Specification for Laminated Thermosetting Materials; Replaced by D709

D468

Withdrawn 1962; Methods of Testing Pin-Type, Lime-Glass Insulators; Combined with D 116

D469

Withdrawn 1995; Specification for Natural Rubber Heat-Resisting Insulation for Wire And Cable, 75°C Operation

D470-13

Test Methods for Crosslinked Insulations and Jackets for Wire and Cable, **10.01**

D471-12a

Test Method for Rubber Property—Effect of Liquids, 09.01

D472

Withdrawn 1981; Specification for Fineness of Wool Top and Assignment of Grade; Replaced by D3992

D473-07(2012)

Test Method for Sediment in Crude Oils and Fuel Oils by the Extraction Method, **05.01**

D474

Withdrawn 1948; Specification for Aluminum Powder and Paste for Paints; Replaced by D962

D475

Withdrawn 2003; Specification for Pure Para Red Toner Pigment

D476-13

Classification for Dry Pigmentary Titanium Dioxide Products, **06.03**

D477

Withdrawn 1987; Specification for Zinc Sulfide Pigments

D478-02(2012)

Specification for Zinc Yellow (Zinc Chromate) Pigments, **06.03**

D479

Withdrawn 1984; Method of Test for Reactivity of Paint Liquids

D480-88(2014)

Test Methods for Sampling and Testing of Flaked Aluminum Powders and Pastes, **06.03**

D481

Withdrawn 1949; Method of Test for Acid Heat of Gasoline

D482-13

Test Method for Ash from Petroleum Products, **05.01**

D483-04(2014)

Test Method for Unulfonated Residue of Petroleum Plant Spray Oils, 05.01

D484

Withdrawn 1983; Specification for Hydrocarbon Dry Cleaning Solvents; Replaced by D235

D485

Withdrawn 1942; Specification for Crushed Stone, Crushed Slag, and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692

D486

Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Bituminous Concrete Base and Surface Courses of Pavements; Replaced by D692

D487

Withdrawn 1942; Specification for Crushed Stone and Crushed Slag and Gravel for Bituminous Macadam Base and Surface Courses of Pavements; Replaced by D693

D488

Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Waterbound Base and Surface Courses of Pavements

D489

Withdrawn 1942; Specification for Crushed Stone, Crushed Slag and Gravel for Waterbound Base and Surface Courses

D490-92(2011)

Specification for Road Tar, **04.03**

D491

Withdrawn 1990; Specification for Asphalt Mastic Used in Waterproofing

D492

Withdrawn 1971; Method of Sampling Coals Classified According to Ash Content

D493

Withdrawn 1969; Definitions of Terms Relating to Commercial Varieties of Bituminous and Subbituminous Coals;



Replaced by D2796

D494-11

Test Method for Acetone Extraction of Phenolic Molded or Laminated Products, **08.01**

D495-14

Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation, 10.01

D496

Withdrawn 2000; Specification for Chip Soap

D497

Withdrawn 2000; Specification for Ordinary Laundry Bar Soap

D498

Withdrawn 2000; Specification for Powdered Soap (Nonalkaline Soap Powder)

D499

Withdrawn 2000; Specification for White Floating Toilet Soap

D500-95(2009)

Test Methods of Chemical Analysis of Sulfonated and Sulfated Oils, **15.04**

D501-03(2009)

Test Methods of Sampling and Chemical Analysis of Alkaline Detergents, 15.04

D502-89(2009)

Test Method for Particle Size of Soaps and Other Detergents, 15.04

D503

Withdrawn 1950; Specification for Bleached Wide Cotton Sheeting

D504

Withdrawn 1951; Specification for Single-Ply Bleached Cotton Broadcloth

D505

Withdrawn 1951; Specification for Terry (Turkish) Toweling

D506

Withdrawn 1958; Method of Test for Colorfastness to Light Textiles

D507

Withdrawn 1955; General Methods of Testing and Tolerances for Spun Rayon Yarns and Threads

D508

Withdrawn 1955; Methods of Testing and Tolerances for Yarns Spun from Wool Mixed with Fibers Other Than Wool

D509-05(2011)^{e1}

Test Methods of Sampling and Grading Rosin, **06.03**

D510

Withdrawn 1975; Methods for Sampling Industrial Water; Replaced by D3370

D511-14

Test Methods for Calcium and Magnesium In Water, **11.01**

D512-12

Test Methods for Chloride Ion In Water, 11.01

D513-11^{e1}

Test Methods for Total and Dissolved Carbon Dioxide in Water, 11.01

D514

Withdrawn 1996; Test Method for Hydroxide Ion in Water

D515

Withdrawn 1998; Test Methods for Phosphorus in Water

D516-11

Test Method for Sulfate Ion in Water, **11.01**

D517-98(2008)

Specification for Asphalt Plank, 04.03

D518

Withdrawn 2008; Test Method for Rubber Deterioration—Surface Cracking; Replaced by D1149

D519-04(2013)

Test Method for Length of Fiber in Wool Top, **07.01**

D520-00(2011)

Specification for Zinc Dust Pigment, 06.03

D521-02(2012)

Test Methods for Chemical Analysis of Zinc Dust (Metallic Zinc Powder), 06.03

D522/D522M-13

Test Methods for Mandrel Bend Test of Attached Organic Coatings, 06.01

D523-14

Test Method for Specular Gloss, 06.01

D524-10

Test Method for Ramsbottom Carbon Residue of Petroleum Products, 05.01

D525-12a

Test Method for Oxidation Stability of Gasoline (Induction Period Method), 05.01

D526

Withdrawn 1976; Method of Test for Tetraethyl-Lead in Gasoline

D527

Withdrawn 1974; Method of Test for Bulking Thickness of Paper

D528

Withdrawn 2010; Test Method for Machine Direction of Paper and Paperboard

D529

Withdrawn 2013; Practice for Enclosed Carbon-Arc Exposures of Bituminous Materials

D530

Withdrawn 1989; Methods of Testing Hard Rubber Products

D531-00(2010)

Test Method for Rubber Property—Pusey and Jones Indentation, **09.01**

D532

Withdrawn 1996; Specification for Natural Rubber Jacket for Wire and Cable

D533

Withdrawn 2000; Specification for Built Soap, Powdered

D534

Withdrawn 2000; Specification for Alkaline Soap Powder

D535

Withdrawn 1959; Specification for Palm Oil Solid Soap (Type A, Straight; Type B, Blended)

D536

Withdrawn 1959; Specification for Palm Oil Chip Soap (Type A, Straight; Type B, Blended)

D537



Withdrawn 2001; Specification for Sodium Metasilicate
D538

Withdrawn 2001; Specification for Trisodium Phosphate
D539

Withdrawn 1970; Methods of Test for Apparent Fluidity of Dispersions of Cellulose Fibers

D540

Withdrawn 1974; Methods of Testing Man-Made Staple Fibers; Replaced by D3660

D541

Withdrawn 1996; Specification for Single Jute Yarn

D542-14

Test Method for Index of Refraction of Transparent Organic Plastics, **08.01**

D543-14

Practices for Evaluating the Resistance of Plastics to Chemical Reagents, 08.01

D544

Withdrawn 1961; Specification for Preformed Expansion Joint Fillers for Concrete (Nonextruding and Resilient Types); Replaced by D1751, D1752

D545-14

Test Methods for Preformed Expansion Joint Fillers for Concrete Construction (Nonextruding and Resilient Types), **04.03**

D546-10

Test Method for Sieve Analysis of Mineral Filler for Bituminous Paving Mixtures, 04.03

D547

Withdrawn 1987; Test Method for Index of Dustiness of Coal and Coke

D548

Withdrawn 2009; Test Method for Water-Soluble Acidity or Alkalinity of Paper

D549

Withdrawn 1993; Test Methods for Rosin in Paper and Paperboard

D550

Withdrawn 1958; Methods of Testing Glass Spool Insulators

D551

Withdrawn 1966; Method of Measuring Shrinkage from Mold Dimensions of Molded Materials Used for Electrical Insulation

D552

Withdrawn 1950; Method of Test for Cellular Rubber Products; Replaced by D1055, D1056

D553

Withdrawn 1966; Methods of Test for Viscosity and Total Solids Content of Rubber Cements; Replaced by D1084

D554

Withdrawn 1982; Specification for Amyl Acetate Made from Fusel Oil (85 to 88% Grade)

D555

Withdrawn 2007; Guide for Testing Drying Oils

D556

Withdrawn 1953; Specification for Materials for Soil-Aggregate Subbase, Base and Surface Courses; Replaced by D1241

D557

Withdrawn 1953; Specification for Materials for Soil-

Aggregate Subbase, Base and Surface Courses; Replaced by D1241

D558-11

Test Methods for Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures, **04.08**

D559

Withdrawn 2012; Test Methods for Wetting and Drying Compacted Soil-Cement Mixtures

D560

Withdrawn 2012; Test Methods for Freezing and Thawing Compacted Soil-Cement Mixtures

D561-82(2014)

Specification for Carbon Black Pigment for Paint, **06.03**

D562-10(2014)

Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer, 06.01

D563

Withdrawn 2004; Test Method for Phthalic Anhydride Content of Alkyd Resins and Resin Solutions

D564-87(2014)

Test Methods for Liquid Paint Driers, **06.01**

D565-99(2013)

Test Method for Carbonizable Substances in White Mineral Oil, 05.01

D566-02(2009)

Test Method for Dropping Point of Lubricating Grease, 05.01

D567

Withdrawn 1967; Method for Calculating Viscosity Index; Replaced by D2270

D568

Withdrawn 1991; Test Method for Rate of Burning and/or Extent and Time of Burning of Flexible Plastics in a Vertical Position

D569

Withdrawn 1995; Method for Measuring the Flow Properties of Thermoplastic Molding Materials

D570-98(2010)^{ε1}

Test Method for Water Absorption of Plastics, **08.01**

D571

Withdrawn 1982; Methods of Testing Rubber Hose for Automotive Hydraulic Brake System

D572-04(2010)

Test Method for Rubber Deterioration by Heat and Oxygen, **09.01**

D573-04(2010)

Test Method for Rubber—Deterioration in an Air Oven, 09.01

D574

Withdrawn 1984; Specification for Ozone-Resisting Insulation for Wire and Cable

D575-91(2012)

Test Methods for Rubber Properties in Compression, **09.01**

D576

Withdrawn 1949; Specification for All Wool, All Cotton, and Wool and Cotton Blanketing (Household)

D577

Withdrawn 1958; Methods of Testing Woven Asbestos Cloth

D578/D578M-05(2011)^{ε1}



Specification for Glass Fiber Strands, **07.01**

D579/D579M-15

Specification for Greige Woven Glass Fabrics, **07.01**

D580/D580M-15

Specification for Greige Woven Glass Tapes and Webbing, **07.01**

D581/D581M-12

Specification for Glass Fiber Greige Braided Tubular Sleeving, **07.01**

D582

Withdrawn 1958; Methods of Test for Resistance of Textile Fabrics and Yarns to Insect Pests

D583

Withdrawn 1972; Methods of Test for Water Resistance of Textile Fabrics

D584-10

Test Method for Wool Content of Raw Wool—Laboratory Scale, **07.01**

D585

Withdrawn 2010; Practice for Sampling and Accepting a Single Lot of Paper, Paperboard, Fiberboard, and Related Product

D586

Withdrawn 2009; Test Method for Ash in Pulp, Paper, and Paper Products

D587

Withdrawn 1982; Method of Test for Casein in Paper (Qualitative)

D588

Withdrawn 1980; Method of Test for Alpha, Beta, and Gamma-Cellulose in Paper

D589

Withdrawn 2010; Test Method for Opacity of Paper (15° Diffuse Illuminant A, 89 % Reflectance Backing and Paper Backing)

D590

Withdrawn 2009; Test Method for Petroleum Wax in Paper

D591

Withdrawn 1982; Method of Test for Starch in Paper

D592

Withdrawn 1959; Specification for Olive Oil Solid Soap (Type A, Straight; Type B, Blended)

D593

Withdrawn 1975; Specification for Salt-Water Soap (Coconut Oil Type)

D594

Withdrawn 2001; Specification for Sodium Sesquisilicate

D595

Withdrawn 2001; Specification for Tetrasodium Pyrophosphate (Anhydrous)

D596-01(2011)

Guide for Reporting Results of Analysis of Water, **11.01**

D597

Withdrawn 1965; Specification for Cut-Back Asphalt (Rapid Curing Type); Replaced by D2028

D598

Withdrawn 1965; Specification for Cut-Back Asphalt (Medium Curing Type); Replaced by D2027

D599

Withdrawn 1967; Method of Test for Physical State of

Cure of Vulcanized Rubber (T-50 Test)

D600-07(2012)

Specification for Liquid Paint Driers, **06.04**

D601

Withdrawn 2007; Specification for Oiticica Oil (Permanently Liquid)

D602-81(2012)

Specification for Barium Sulfate Pigments, **06.03**

D603

Withdrawn 2004; Specification for Aluminum Silicate Pigments (Hydrous)

D604

Withdrawn 2003; Specification for Diatomaceous Silica Pigment

D605-82(2012)

Specification for Magnesium Silicate Pigment (Talc),

06.03

D606

Withdrawn 1952; Specification for Lead Titanate

D607-82(2012)

Specification for Wet Ground Mica Pigments, **06.03**

D608-05(2011)

Specification for Dibutyl Phthalate, **06.04**

D609-00(2012)

Practice for Preparation of Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, **06.01**

D610-08(2012)

Practice for Evaluating Degree of Rusting on Painted Steel Surfaces, **06.01**

D611-12

Test Methods for Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon Solvents, **05.01**

D612-88(2012)

Test Method for Carbonizable Substances in Paraffin Wax, **05.01**

D613-14

Test Method for Cetane Number of Diesel Fuel Oil, **05.05**

D614

Withdrawn 1971; Method of Test for Knock Characteristics of Aviation Fuels by the Aviation Method; Replaced by D2700

D615

Withdrawn 1944; Specification for Aviation Gasolines

D616

Withdrawn 1951; Specification for Laminated Thermosetting Materials; Replaced by D709

D617

Withdrawn 2003; Test Method for Punching Quality of Phenolic Laminated Sheets

D618-13

Practice for Conditioning Plastics for Testing, **08.01**

D619-14

Test Methods for Vulcanized Fibre Used for Electrical Insulation, **10.01**

D620

Withdrawn 1965; Method of Test for Colorfastness of Plastics to Light

D621

Withdrawn 1994; Test Methods for Deformation of



Plastics Under Load

D622-99(2012)

Test Methods for Rubber Hose for Automotive Air and Vacuum Brake System, **09.02**

D623-07(2014)

Test Methods for Rubber Property—Heat Generation and Flexing Fatigue In Compression, 09.01

D624-00(2012)

Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers, 09.01
D625

Withdrawn 1949; Specification for Medium-Weight Cotton Corduroy Fabrics

D626

Withdrawn 1969; Specification for Fire-Retardant Properties of Treated Textile Fabrics

D627

Withdrawn 1958; Methods of Test for Evaluating Compounds Designed to Increase Resistance of Fabrics and Yarns to Insect Pests

D628/D628M-95(2009)^{e1}

Specification for Asbestos Tubular Sleeving, **04.05**

D629-15

Test Methods for Quantitative Analysis of Textiles, 07.01

D630

Withdrawn 1981; Specification for Olive Oil Chip Soap (Type A, Straight; Type B, Blended)

D631

Withdrawn 1950; Specification for Emulsified Asphalt; Replaced by D977

D632-12

Specification for Sodium Chloride, **04.03**

D633-11

Volume Correction Table for Road Tar, 04.03

D634

Withdrawn 1963; Methods of Test for Product Uniformity of Phenolic Laminated Sheets

D635-14

Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position, **08.01**

D636

Withdrawn 1960; Method of Test for Diffusion of Light by Plastics

D637

Withdrawn 1995; Test Method for Surface Irregularities of Flat Transparent Plastic Sheets

D638-14

Test Method for Tensile Properties of Plastics, **08.01**

D638M

Withdrawn 1996; Test Method for Tensile Properties of Plastics [Metric]

D639

Withdrawn 1989; Methods of Testing Battery Containers Made from Hard Rubber or Equivalent Materials

D640

Withdrawn 1952; Specification and Methods of Test for Concentrated Ammonia Preserved Creamed and Centrifuged Natural Rubber Latex; Replaced by D1076

D641

Withdrawn 1978; Method of Test for Conditioning Paperboard, Fiberboard, and Paperboard Containers for

Testing; Replaced by D685

D642-15

Test Method for Determining Compressive Resistance of Shipping Containers, Components, and Unit Loads, **15.10**

D643

Withdrawn 2010; Test Method for Folding Endurance of Paper by the Schopper Tester

D644

Withdrawn 2010; Test Method for Moisture Content of Paper and Paperboard by Oven Drying

D645/D645M

Withdrawn 2010; Test Method for Thickness of Paper and Paperboard

D646-13

Test Method for Mass Per Unit Area of Paper and Paperboard of Aramid Papers (Basis Weight), **07.01**

D647

Withdrawn 1994; Practice for Design of Molds for Test Specimens of Plastic Molding Materials; Replaced by D1896, D3419, D3641, D4703, D5227

D648-07

Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position, **08.01**

D649

Withdrawn 1947; Method of Test for Compressive Strength of Electrical Insulating Materials; Replaced by D695

D650

Withdrawn 1948; Tentative Method of Test for Flexural Strength of Electrical Insulating Materials; Replaced by D790

D651

Withdrawn 1991; Test Method for Tensile Strength of Molded Electrical Insulating Materials

D652

Withdrawn 1957; Method of Test for Measuring Mica Stampings Used in Electronic Devices and Incandescent Lamps

D653-14

Terminology Relating to Soil, Rock, and Contained Fluids, **04.08**

D654

Withdrawn 1958; Specification for Coal-Tar Pitch for Steep Built-Up Roofs

D655

Withdrawn 1971; Specification for Asphalt-Saturated and Coated Asbestos Felts for Use in Constructing Built-Up Roofs

D656

Withdrawn 2003; Specification for Pure Toluidine Red Toner

D657

Withdrawn 1979; Specification for Isopropyl Acetate

D659

Withdrawn 1990; Method of Evaluating Degree of Chalking of Exterior Paints; Replaced by D4214

D660-93(2011)

Test Method for Evaluating Degree of Checking of Exterior Paints, **06.01**

D661-93(2011)

Test Method for Evaluating Degree of Cracking of Exterior Paints, 06.01



D662-93(2011)

Test Method for Evaluating Degree of Erosion of Exterior Paints, 06.01

D663

Withdrawn 1948; Tentative Method of Test for Acid and Base Value Numbers of Petroleum Oils by Color-Indicator Titration; Replaced by D974

D664-11a

Test Method for Acid Number of Petroleum Products by Potentiometric Titration, **05.01**

D665-14

Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water, 05.01

D666

Withdrawn 1964; Method for Conversion of Kinematic Viscosity to Saybolt Furol Viscosity; Replaced by D2161

D667

Withdrawn 1963; Methods of Testing Steatite Used as Electrical Insulation; Combined with D 116

D668-12

Test Methods of Measuring Dimensions of Rigid Rods and Tubes Used for Electrical Insulation, **10.01**

D669

Withdrawn 2011; Test Method for Dissipation Factor and Permittivity Parallel with Laminations of Laminated Sheet and Plate Materials

D670

Withdrawn 1954; Methods of Test for Sludge Forming in Mineral Transformer Oil

D671

Withdrawn 2002; Test Method for Flexural Fatigue of Plastics by Constant-Amplitude-of-Force

D672

Withdrawn 1951; Method of Test for Luminous Reflectance, Transmittance, and Color of Materials

D673

Withdrawn 1998; Test Method for Mar Resistance of Plastics

D674

Withdrawn 1976; Recommended Practices for Long-Time Creep or Stress Relaxation of Plastics Under Tension or Compression at Different Temperatures; Replaced by D2990

D675

Withdrawn 1961; Nomenclature of Descriptive Terms Pertaining to Plastics; Combined with D 883

D676

Withdrawn 1965; Method of Test for Indentation of Rubber by Means of a Durometer; Replaced by D2240

D677

Withdrawn 1958; Specification for Woven Asbestos Cloth; Replaced by D1571

D678

Withdrawn 1947; Tentative Specifications for Finished, All-Cotton, Upholstery Tapestries

D679

Withdrawn 1966; Methods of Testing and Tolerances for Certain Fine Staple Cotton Gray Goods

D680

Withdrawn 1966; Methods of Testing and Tolerances for Certain All-Cotton and Rayon Fine Fancy Goods

D681

Withdrawn 2000; Specification for Jute Rove and Plied Yarn for Electrical and Packing Purposes

D682

Withdrawn 1958; Method of Test for Colorfastness of Dyed Acetate to Atmospheric Fumes

D683

Withdrawn 1961; Methods of Test for Identification of Finishes on Textiles

D684

Withdrawn 1958; Methods of Test for Resistance of Textile Materials to Microorganisms

D685-12

Practice for Conditioning Paper and Paper Products for Testing, **15.10**

D686

Withdrawn 2011; Test Methods of Qualitative Examination of Mineral Filler and Mineral Coating of Paper

D687

Withdrawn 1973; Method for Quantitative Determination of Coating on Mineral-Coated Paper

D688

Withdrawn 1967; Method of Test for Pentosans in Paper

D689

Withdrawn 2009; Test Method for Internal Tearing Resistance of Paper

D690

Withdrawn 1981; Specification for Compound Chip Soap (with Rosin)

D691

Withdrawn 1981; Specification for Compound Powdered Soap (Granulated, with Rosin)

D692/D692M-09(2014)

Specification for Coarse Aggregate for Bituminous Paving Mixtures, **04.03**

D693

Withdrawn 2008; Specification for Crushed Aggregate for Macadam Pavements

D694

Withdrawn 1977; Specification for Crushed Stone, Crushed Slag, and Crushed Gravel for Water-Bound Macadam Base Courses; Replaced by D693

D695-10

Test Method for Compressive Properties of Rigid Plastics, **08.01**

D696-08^{c1}

Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30°C and 30°C with a Vitreous Silica Dilatometer, 08.01

D697

Withdrawn 1954; Method of Test for Water Vapor Permeability of Plastic Sheets; Replaced by E96

D698-12^{c1}

Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft³ (600 kN-m/m³)), **04.08**

D699

Withdrawn 1978; Specification for Asphalt Sliding Organic Felt Surfaced with Mineral Granules

D700

Withdrawn 1991; Specification for Phenolic Molding Compounds



D701

Withdrawn 1982; Specification for Cellulose Nitrate (Pyroxylin) Plastic Sheets, Rods, and Tubes

D702

Withdrawn 1990; Specification for Cast Methacrylate Plastic Sheets

D703

Withdrawn 1987; Specification for Polystyrene Molding Compounds; Replaced by D4549

D704-99(2012)

Specification for Melamine-Formaldehyde Molding Compounds, **08.01**

D705-99(2012)

Specification for Urea-Formaldehyde Molding Compounds, 08.01

D706-09

Classification System and Basis for Specifications for Cellulose Acetate Molding and Extrusion Compounds, 08.01

D707-09

Classification System and Basis for Specification for Cellulose Acetate Butyrate Molding and Extrusion Compounds, 08.01

D708

Withdrawn 1963; Specification for Vinyl Chloride Polymer and Copolymer Rigid Sheets

D709-13

Specification for Laminated Thermosetting Materials, **10.01**

D710-13

Specification for Vulcanized Fibre Sheets, Rods, and Tubes Used for Electrical Insulation, 10.01

D711-10

Test Method for No-Pick-Up Time of Traffic Paint, 06.02

D712

Withdrawn 1958; Method of Test for Light Sensitivity of Traffic Paint

D713-12

Practice for Conducting Road Service Tests on Fluid Traffic Marking Materials, **06.02**

D714-02(2009)

Test Method for Evaluating Degree of Blistering of Paints, 06.01

D715-86(2014)

Test Methods for Analysis of Barium Sulfate Pigment, 06.03

D716-86(2012)

Test Methods for Evaluating Mica Pigment, 06.03

D717-86(2014)

Test Methods for Analysis of Magnesium Silicate Pigment, 06.03

D718-86(2014)

Test Methods for Analysis of Aluminum Silicate Pigment, 06.03

D719

Withdrawn 2003; Test Methods for Analysis of Diatomaceous Silica Pigment

D720/D720M-15^{e1}

Test Method for Free-Swelling Index of Coal, **05.06**

D721-06(2011)

Test Method for Oil Content of Petroleum Waxes,

05.01

D722

Withdrawn 2010; Test Method for Grease Resistance of Paper

D723

Withdrawn 1985; Method of Test for Degree of Staining of Paper by Alkali

D724

Withdrawn 2009; Test Method for Surface Wettability of Paper (Angle-of-Contact Method)

D725

Withdrawn 1980; Method for Identification of Wire Side of Paper; Reinstated 1990 as D 5039

D726

Withdrawn 2009; Test Method for Resistance of Non-porous Paper to Passage of Air

D727

Withdrawn 2011; Test Method for Kerosine Number of Roofing and Flooring Felt by the Vacuum Method

D728

Withdrawn 1963; Specification for Vinyl Chloride-Acetate, Molding Compound Resin

D729

Withdrawn 2000; Specification for Vinylidene Chloride Molding Compounds

D730

Withdrawn 1961; Specification for Low and Medium Voltage Pin-type Lime-Glass Insulators

D731-10

Test Method for Molding Index of Thermosetting Molding Powder, **08.01**

D732-10

Test Method for Shear Strength of Plastics by Punch Tool, 08.01

D733

Redesignated F39

D734

Withdrawn 1963; Specification for Insulated Wire and Cable: Vinyl Chloride Plastic Insulating Compound; Replaced by D2219, D2220

D735

Withdrawn 1968; Specification for Elastomer Compounds for Automotive Applications; Replaced by D2000

D736

Withdrawn 1966; Method of Test for Low-Temperature Brittleness of Rubber and Rubber-Like Materials

D737-04(2012)

Test Method for Air Permeability of Textile Fabrics, **07.01**

D738

Withdrawn 1972; Methods of Testing and Tolerances for Rope Made from Bast and Leaf Fibers

D739

Withdrawn 1972; Methods of Testing and Tolerances for Spun, Twisted, or Braided Products Made from Flax, Hemp, Ramie or Mixtures Thereof

D740-11

Specification for Methyl Ethyl Ketone, **06.04**

D741

Withdrawn 1972; Methods of Measuring Dimensions of Rigid Rods Used in Electrical Insulation; Replaced by

D668

D742



Withdrawn 1956; Specification for Nonrigid Vinyl Chloride-Acetate Resin Plastics
D743

Withdrawn 1948; Specification for Nonrigid Ethyl Cellulose Plastics
D744

Withdrawn 1956; Specification for Nonrigid Vinyl Chloride Plastics
D745

Withdrawn 1950; Specification for Nonrigid Vinyl Butyral Plastics
D746-14

Test Method for Brittleness Temperature of Plastics and Elastomers by Impact, **08.01**

D747-10

Test Method for Apparent Bending Modulus of Plastics by Means of a Cantilever Beam, 08.01

D748-14

Specification for Natural Block Mica and Mica Films Suitable for Use in Fixed Mica-Dielectric Capacitors, 10.01

D749

Withdrawn 1976; Method of Calibrating a Light Source Used for Accelerating the Deterioration of Rubber
D750-12

Practice for Rubber Deterioration Using Artificial Weathering Apparatus, **09.01**

D751-06(2011)

Test Methods for Coated Fabrics, 09.02

D752

Withdrawn 1984; Specification for Heavy-Duty Block Polychloroprene Jacket for Wire and Cable; Replaced by D4247

D753

Withdrawn 1984; Specification for General Purpose Polychloroprene Jacket for Wire and Cable; Replaced by D4247

D754

Withdrawn 1984; Specification for Synthetic Rubber Insulation for Wire and Cable, 75°C Operation
D755

Withdrawn 1984; Specification for Synthetic Rubber Insulation for Wire and Cable, 60°C Operation
D756

Withdrawn 1998; Practice for Determination of Weight and Shape Changes of Plastics Under Accelerated Service Conditions

D757

Withdrawn 1966; Method of Test for Incandescence Resistance of Rigid Plastics in a Horizontal Position
D758

Withdrawn 1969; Method of Test for Impact Resistance of Plastics at Subnormal and Supernormal Temperatures
D759

Withdrawn 1982; Practice for Conducting Physical Property Tests of Plastics at Subnormal and Supernormal Temperatures

D760

Withdrawn 1952; Specification for Enclosures and Servicing Units for Tests Above and Below Room Temperatures

D761

Withdrawn 1952; Specification for Enclosures and Servicing Units for Tests Above and Below Room Temperatures

D762

Withdrawn 1965; Method of Test for Hot Extraction of Asphaltic Materials and Recovery of Bitumen by the Modified Abson Procedure; Replaced by D1856
D763-06(2012)

Specification for Raw and Burnt Umber Pigments, **06.03**
D764

Withdrawn 1948; Specification for Raw Burnt Umber; Combined with D 763

D765-87(2014)

Specification for Raw and Burnt Sienna Pigments, **06.03**
D766

Withdrawn 1948; Specification for Raw Burnt Sienna; Combined with D 765

D767

Withdrawn 1976; Specification for Venetian Red
D768-01(2012)

Specification for Yellow Iron Oxide Hydrated, **06.03**

D769-01(2012)

Specification for Black Synthetic Iron Oxide, 06.03
D770-11

Specification for Isopropyl Alcohol, 06.04

D771

Withdrawn 1955; Method of Test for Daylight 45 degree, 0 degree Luminous Directional Reflectance of Paint Finishes

D772-86(2011)

Test Method for Evaluating Degree of Flaking (Scaling) of Exterior Paints, **06.01**

D773

Withdrawn 1982; Method of Test for Adhesiveness of Gummed Tape

D774/D774M

Withdrawn 2010; Test Method for Bursting Strength of Paper

D775

Withdrawn 1993; Method of Drop Test for Loaded Boxes; Replaced by D5276

D776

Withdrawn 2009; Test Method for Determination of Effect of Dry Heat on Properties of Paper and Board
D777

Withdrawn 2009; Test Method for Flammability of Treated Paper and Paperboard

D778

Withdrawn 2010; Test Methods for Hydrogen Ion Concentration (pH) of Paper Extracts (Hot-Extraction and Cold-Extraction Procedures)

D779

Withdrawn 2011; Test Method for Water Resistance of Paper, Paperboard, and Other Sheet Materials by the Dry Indicator Method

D780

Withdrawn 2009; Test Method for Printing Ink Permeation of Paper (Castor Oil Test)

D781

Withdrawn 1984; Test Methods for Puncture and Stiffness of Paperboard and Corrugated and Solid Fiberboard; Replaced by TAPPI T 803



D782

Withdrawn 1999; Test Method for Shipping Containers in Revolving Hexagonal Drum

D783

Withdrawn 1948; Tentative Method of Test for Water-Vapor Permeability of Paper and Paperboard; Replaced by E96

D784

Withdrawn 2013; Specification for Orange Shellac and Other Indian Lacs for Electrical Insulation

D785-08

Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials, **08.01**

D786

Withdrawn 1982; Specification for Cellulose Acetate Plastic Sheets

D787-12

Specification for Ethyl Cellulose Molding and Extrusion Compounds, **08.01**

D788-14

Classification System for Poly(Methyl Methacrylate) (PMMA) Molding and Extrusion Compounds, 08.01

D789-07^{c1}

Test Methods for Determination of Solution Viscosities of Polyamide (PA), 08.01

D790-10

Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials, 08.01

D790M

Withdrawn 1996; Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials [Metric]

D791

Withdrawn 1967; Method of Test for Luminous Reflectance, Transmittance, and Color of Materials; Replaced by E308

D792-13

Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement, **08.01**

D793

Withdrawn 1982; Method of Test for Short-Time Stability at Elevated Temperatures of Plastics containing Chlorine

D794

Withdrawn 1998; Practice for Determining Permanent Effect of Heat on Plastics

D795

Withdrawn 1971; Recommended Practice for Accelerated Weathering of Plastics Using S-1 Mercury Arc Lamp

D796

Withdrawn 1992; Practice for Compression Molding Test Specimens of Phenolic Molding Compounds; Replaced by D5224

D797

Withdrawn 1994; Test Methods for Rubber Property—Young's Modulus at Normal and Subnormal Temperatures

D798

Withdrawn 1949; Specification and Methods of Test for Sponge and Expanded Cellular Rubber Products; Replaced by D1055, D1056

D799

Withdrawn 2000; Specification for Liquid Toilet Soap

D800-05(2014)

Test Methods of Chemical Analysis of Industrial Metal

Cleaning Compositions, **15.04**

D801-02(2013)

Test Methods for Sampling and Testing Dipentene, 06.03

D802-02(2013)

Test Methods for Sampling and Testing Pine Oils, 06.03

D803-12

Test Methods for Testing Tall Oil, 06.03

D804-12

Terminology Relating to Pine Chemicals, Including Tall Oil and Related Products, 06.03

D805

Withdrawn 1976; Methods of Testing Veneer, Plywood, and Other Glued Veneer Constructions; Replaced by D3499, D3500, D3501

D806-11

Test Method for Cement Content of Hardened Soil-Cement Mixtures, **04.08**

D807-14

Practice for Assessing the Tendency of Industrial Boiler Waters to Cause Embrittlement (USBM Embrittlement Detector Method), 11.01

D808-11

Test Method for Chlorine in New and Used Petroleum Products (High Pressure Decomposition Device Method), 05.01

D809

Withdrawn 1952; Method of Test for Phosphorous in Lubricating Oils, Lubricating Oil Additives and Their Concentrates; Replaced by D1091

D810

Withdrawn 1963; Methods of Test for Sulfated Residue, Lead, Iron and Copper in Lubricating Oils

D811

Withdrawn 1989; Method for Chemical Analysis for Metals in New and Used Lubricating Oils

D812

Withdrawn 1948; Specification for GR-S (Synthetic Rubber) Sheath Compound for Electrical Insulated Cords and Cables Where Extreme Abrasion Resistance Is Not Required

D813-07(2014)

Test Method for Rubber Deterioration—Crack Growth, **09.01**

D814-95(2014)

Test Method for Rubber Property—Vapor Transmission of Volatile Liquids, 09.01

D815

Withdrawn 1989; Method of Testing Coated Fabrics—Hydrogen Permeance

D816-06(2011)

Test Methods for Rubber Cements, **09.01**

D817-12

Test Methods of Testing Cellulose Acetate Propionate and Cellulose Acetate Butyrate, 06.03

D818

Withdrawn 1953; Specification for Natural Rubber Cups



for Use in Hydraulic Actuating Cylinders

D819

Withdrawn 1959; Specification for Cast Allyl Plastic Sheets, Rods, Tubes, and Shapes

D820-93(2009)

Test Methods for Chemical Analysis of Soaps Containing Synthetic Detergents, **15.04**

D821

Withdrawn 1984; Method of Evaluating Degree of Abrasion, Erosion, or a Combination of Both in Road Service Test of Traffic Paints

D822/D822M-13

Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings, **06.01**

D823-95(2012)^{e1}

Practices for Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels, 06.01

D824

Withdrawn 2010; Test Method for Rate of Absorption of Water by Bibulous Papers

D825

Withdrawn 1973; Methods of Test for Ply Adhesion of Paper

D826

Withdrawn 1985; Methods of Test for Degree of Wet Curl of Paper

D827

Withdrawn 1981; Method of Test for Edge Tearing Strength of Paper

D828

Withdrawn 2009; Test Method for Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus

D829

Withdrawn 2009; Test Method for Wet Tensile Breaking Strength of Paper and Paper Products

D830

Withdrawn 1948; Method of Test for Water Vapor Permeability of Paper and Paperboard; Replaced by E96

D831/D831M-12

Test Method for Gas Content of Cable and Capacitor Oils, **10.03**

D832-07(2012)

Practice for Rubber Conditioning For Low Temperature Testing, 09.01

D833

Withdrawn 1960; Methods of Identification and Quantitative Analysis of Synthetic Elastomers; Combined with D 297

D834

Withdrawn 1984; Methods of Test for Free Ammonia in Phenol-Formaldehyde Molded Materials; Combined with D 297

D835

Withdrawn 1997; Specification for Refined Benzene-485

D836

Withdrawn 1991; Specification for Industrial Grade Benzene

D837

Withdrawn 1963; Specification for Industrial 90 Ben-

zene

D838

Withdrawn 1978; Specification for Refined Solvent Naphtha

D839

Withdrawn 1975; Specification for Crude Light Solvent Naphtha

D840

Withdrawn 1975; Specification for Crude Heavy Solvent Naphtha

D841-13

Specification for Nitration Grade Toluene, **06.04**

D842

Withdrawn 1963; Specification for Industrial Grade Toluene

D843-06(2011)^{e1}

Specification for Nitration Grade Xylene, **06.04**

D844

Withdrawn 1963; Specification for Industrial Grade Xylene

D845

Withdrawn 1982; Specification for Five-Degree Xylene

D846

Withdrawn 1991; Specification for Ten-Degree Xylene

D847-08

Test Method for Acidity of Benzene, Toluene, Xylenes, Solvent Naphthas, and Similar Industrial Aromatic Hydrocarbons, **06.04**

D848-14

Test Method for Acid Wash Color of Industrial Aromatic Hydrocarbons, 06.04

D849-11

Test Method for Copper Strip Corrosion by Industrial Aromatic Hydrocarbons, 06.04

D850-11

Test Method for Distillation of Industrial Aromatic Hydrocarbons and Related Materials, 06.04

D851

Withdrawn 1975; Method of Test for Paraffins in Industrial Aromatic Hydrocarbons

D852-13

Test Method for Solidification Point of Benzene, **06.04**

D853

Withdrawn 2013; Test Method for Hydrogen Sulfide and Sulfur Dioxide Content (Qualitative) of Industrial Aromatic Hydrocarbons

D854-14

Test Methods for Specific Gravity of Soil Solids by Water Pycnometer, **04.08**

D855

Withdrawn 1977; Method of Analysis of Oil-Soluble Sodium Petroleum Sulfonates

D856

Withdrawn 1991; Test Methods for Sampling and Testing Pine Tars and Pine-Tar Oils

D857-12

Test Method for Aluminum in Water, **11.01**

D858-12

Test Methods for Manganese in Water, 11.01

D859-10

Test Method for Silica in Water, 11.01

D860



Withdrawn 1975; Method of Sampling Water from Boilers; Replaced by D3370

D861-07(2013)

Practice for Use of the Tex System to Designate Linear Density of Fibers, Yarn Intermediates, and Yarns, **07.01**

D862

Withdrawn 1972; Methods of Test for Evaluating Treated Textiles for Permanence of Resistance to Microorganisms

D863

Withdrawn 1948; Method of Measuring the Flow of Properties of Thermoplastic Molding Materials; Combined with D 569

D864

Withdrawn 1989; Test Method for Coefficient of Cubical Thermal Expansion of Plastics

D865-11

Test Method for Rubber—Deterioration by Heating in Air (Test Tube Enclosure), **09.01**

D866

Withdrawn 2009; Specification for Crosslinked Styrene-Butadiene (SBR) Synthetic Rubber Jacket for Wire and Cable

D867

Withdrawn 1995; Specification for Pumice Pigment

D868-10

Practice for Determination of Degree of Bleeding of Traffic Paint, **06.02**

D869-85(2011)

Test Method for Evaluating Degree of Settling of Paint, 06.01

D870-09

Practice for Testing Water Resistance of Coatings Using Water Immersion, 06.01

D871-96(2010)

Test Methods of Testing Cellulose Acetate, 06.03

D872

Withdrawn 1991; Test Method for Sulfonation Index of Road Tars

D873-12

Test Method for Oxidation Stability of Aviation Fuels (Potential Residue Method), **05.01**

D874-13a

Test Method for Sulfated Ash from Lubricating Oils and Additives, 05.01

D875

Withdrawn 1984; Method for Calculating of Olefins and Aromatics in Petroleum Distillates from Bromine Number and Acid Absorption

D876-13

Test Methods for Nonrigid Vinyl Chloride Polymer Tubing Used for Electrical Insulation, **10.01**

D877/D877M-13

Test Method for Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes, 10.03

D878

Withdrawn 2015; Test Method for Inorganic Chlorides and Sulfates in Insulating Oils

D879

Withdrawn 1982; Specification for Communication and Signal Pin-Type Lime-Glass Insulators

D880-92(2008)

Test Method for Impact Testing for Shipping Containers and Systems, **15.10**

D881

Withdrawn 1995; Test Method for Deviation of Line of Sight Through Transparent Plastics

D882-12

Test Method for Tensile Properties of Thin Plastic Sheet-
ing, **08.01**

D883-12

Terminology Relating to Plastics, 08.01

D884

Withdrawn 1962; Methods of Estimating Blocking of Plastic Sheets

D885M

Withdrawn 1998; Replaced by D885

D885/D885M-10a(2014)^{e1}

Test Methods for Tire Cords, Tire Cord Fabrics, and Industrial Filament Yarns Made from Manufactured Organic-Base Fibers, **07.01**

D886

Withdrawn 1973; Methods of Impregnation & Penetration of Glass Yarn with Insulating Varnish

D887-13

Practices for Sampling Water-Formed Deposits, **11.02**

D888-12^{e1}

Test Methods for Dissolved Oxygen in Water, 11.01

D889-13

Test Method for Volatile Oil in Rosin, 06.03

D890-12

Test Method for Water in Liquid Pine Chemicals, 06.03

D891-09

Test Methods for Specific Gravity, Apparent, of Liquid Industrial Chemicals, 15.05

D892-13

Test Method for Foaming Characteristics of Lubricating Oils, 05.01

D893-14

Test Method for Insolubles in Used Lubricating Oils, 05.01

D894

Withdrawn 1950; Method of Test for Sulfur in Petroleum Products and Lubricating Oils by Bomb Method; Combined with D 129

D895

Withdrawn 1999; Test Method for Water Vapor Permeability of Packages

D896-04(2010)^{e1}

Practice for Resistance of Adhesive Bonds to Chemical Reagents, **15.06**

D897-08

Test Method for Tensile Properties of Adhesive Bonds, 15.06

D898

Withdrawn 2006; Test Method for Applied Weight Per Unit Area of Dried Adhesive Solids

D899-00(2013)

Practice for Applied Weight Per Unit Area of Liquid Adhesive, **15.06**

D900

Withdrawn 1975; Methods of Test for Calorific Value of Gaseous Fuels by the Water-Flow Calorimeter



- D901
Withdrawn 2004; Test Methods for Askarels
- D902-12
Test Methods for Flexible Resin-Coated Glass Fabrics and Glass Fabric Tapes Used for Electrical Insulation, **10.01**
- D903-98(2010)
Test Method for Peel or Stripping Strength of Adhesive Bonds, **15.06**
- D904-99(2013)
Practice for Exposure of Adhesive Specimens to Artificial Light, **15.06**
- D905-08(2013)
Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading, **15.06**
- D906-98(2011)
Test Method for Strength Properties of Adhesives in Plywood Type Construction in Shear by Tension Loading, **15.06**
- D907-12a
Terminology of Adhesives, **15.06**
- D908
Withdrawn 1969; Method of Test for Knock Characteristics of Motor Fuels of 100 Octane Number and Below by the Research Method; Replaced by D2699
- D909-14
Test Method for Supercharge Rating of Spark-Ignition Aviation Gasoline, **05.05**
- D910-14a
Specification for Leaded Aviation Gasolines, **05.01**
- D911
Withdrawn 1994; Specification for Mercuric Oxide for Use in Antifouling Paints
- D912
Withdrawn 2004; Specification for Cuprous Oxide for Use in Antifouling Paints
- D913-10
Practice for Evaluating Degree of Traffic Paint Line Wear, **06.02**
- D914-12
Test Methods for Ethylcellulose, **06.03**
- D915
Withdrawn 1987; Method of Testing Soil-Bituminous Mixtures
- D916
Withdrawn 1964; Method of Test for Shear Strength of Flexible Road Surfaces, Subgrades, and Fills by the Burggraf Shear Apparatus
- D917
Withdrawn 1981; Method of Test for Bleeding Resistance of Asphalted Paper at 65°C
- D918
Withdrawn 2011; Test Method for Blocking Resistance of Paper and Paperboard
- D919
Withdrawn 2009; Test Method for Copper Number of Paper and Paperboard
- D920
Withdrawn 1989; Method of Test for Blocking Resistance of Paper and Paperboard
- D921
Withdrawn 1980; Method of Test for Titanium Dioxide in Paper
- D922-11
Specification for Nonrigid Vinyl Chloride Polymer Tubing, **10.01**
- D923-07
Practices for Sampling Electrical Insulating Liquids, **10.03**
- D924-08
Test Method for Dissipation Factor (or Power Factor) and Relative Permittivity (Dielectric Constant) of Electrical Insulating Liquids, **10.03**
- D925-14
Test Methods for Rubber Property—Staining of Surfaces (Contact, Migration, and Diffusion), **09.01**
- D926-08(2013)
Test Method for Rubber Property—Plasticity and Recovery (Parallel Plate Method), **09.01**
- D927
Withdrawn 1959; Method of Test for Viscosity of Rubber and Rubber-Like Materials by the Shearing Disc Viscometer; Replaced by D1646
- D928-03(2009)
Specification for Sodium Bicarbonate, **15.04**
- D929
Withdrawn 2001; Specification for Borax
- D930
Withdrawn 2001; Test Method of Total Immersion Corrosion Test of Water-Soluble Aluminum Cleaners
- D931
Withdrawn 1956; Method of Test for Thiophene in Benzene; Replaced by D1685
- D932-85(2009)
Test Method for Iron Bacteria in Water and Water-Formed Deposits, **11.02**
- D933-84(2012)
Practice for Reporting Results of Examination and Analysis of Water-Formed Deposits, **11.02**
- D934-13
Practices for Identification of Crystalline Compounds in Water-Formed Deposits By X-Ray Diffraction, **11.02**
- D935
Withdrawn 1968; Method of Corrosivity Test of Industrial Water; Replaced by D2688
- D936
Withdrawn 1991; Test Method for Aromatic Hydrocarbons in Olefin-Free Gasolines by Silica Gel Absorption
- D937-07(2012)
Test Method for Cone Penetration of Petrolatum, **05.01**
- D938-12
Test Method for Congealing Point of Petroleum Waxes, Including Petrolatum, **05.01**
- D939
Withdrawn 1963; Method of Test for Saponification Number by Potentiometric Titration
- D940
Withdrawn 1949; Method of Test for Determination of Purity by Measurement of Freezing Points; Replaced by D1015, D1016
- D941
Withdrawn 1993; Test Method for Density and Relative Density (Specific Gravity) of Liquids by Lipkin Bicapillary Pycnometer



- D942-02(2007)
Test Method for Oxidation Stability of Lubricating Greases by the Oxygen Pressure Vessel Method, **05.01**
D943-04a(2010)^{e1}
Test Method for Oxidation Characteristics of Inhibited Mineral Oils, 05.01
D944
Withdrawn 1966; Specification for Mechanical Roll Felt; Replaced by D2475
D945-06(2012)
Test Methods for Rubber Properties in Compression or Shear (Mechanical Oscillograph), **09.01**
D946/D946M-09a
Specification for Penetration-Graded Asphalt Cement for Use in Pavement Construction, 04.03
D947
Withdrawn 1963; Specification for Hot-Mixed, Hot-Laid Asphaltic Concrete for Base and Surface Courses
D948
Withdrawn 1954; Method of Test for Weight Loss of Plastics on Heating; Replaced by E95
D949
Withdrawn 1949; Recommended Practice for Molding Test Specimens of Phenolic Materials
D950-03(2011)
Test Method for Impact Strength of Adhesive Bonds, **15.06**
D951-99(2010)
Test Method for Water Resistance of Shipping Containers by Spray Method, 15.10
D952-10
Test Method for Bond or Cohesive Strength of Sheet Plastics and Electrical Insulating Materials, 08.01
D953-10
Test Method for Bearing Strength of Plastics, 08.01
D954
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D955-08(2014)
Test Method of Measuring Shrinkage from Mold Dimensions of Thermoplastics, **08.01**
D956
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D957-12
Practice for Determining Surface Temperature of Molds for Plastics, **08.01**
D958
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D959
Withdrawn 1993; Method of Drop Test for Filled Bags; Replaced by D5276
D960
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D961
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D962-81(2014)
Specification for Aluminum Powder and Paste Pigments for Paints, **06.03**
D963
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D964-03(2014)
Specification for Metallic Copper Powder for Use in Anti-fouling Paints, **06.03**
D965
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D966
Withdrawn 1982; Specification for Secondary Butyl Acetate (85 to 88% grade)
D967
Withdrawn 1951; Tentative Method of Testing Drying Oils; Replaced by D555
D968-05(2010)
Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive, **06.01**
D969
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D970
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D971-12
Test Method for Interfacial Tension of Oil Against Water by the Ring Method, **10.03**
D972-02(2008)
Test Method for Evaporation Loss of Lubricating Greases and Oils, 05.01
D973
Withdrawn 1969; Test for Butadiene Content of Polymerization Grade Butadiene and Butadiene Concentrate
D974-12
Test Method for Acid and Base Number by Color-Indicator Titration, **05.01**
D975-14a
Specification for Diesel Fuel Oils, 05.01
D976-06(2011)
Test Method for Calculated Cetane Index of Distillate Fuels, 05.01
D977-13^{e1}
Specification for Emulsified Asphalt, 04.03
D978
Withdrawn 1963; Specification for Asphaltic Mixtures for Sheet Asphalt Pavements
D979/D979M-12
Practice for Sampling Bituminous Paving Mixtures, **04.03**
D980
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D981
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D982-05(2009)
Test Method for Organic Nitrogen in Paper and Paperboard, **10.01**
D983
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Absorptiveness of Paper

D984

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D985

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D986

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D987

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D988

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D989

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D990

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D991-89(2014)

Test Method for Rubber Property—Volume Resistivity Of Electrically Conductive and Antistatic Products, **09.01**

D992

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D993

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D994/D994M-11

Specification for Preformed Expansion Joint Filler for Concrete (Bituminous Type), **04.03**

D995

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D996-10a

Terminology of Packaging and Distribution Environments, **15.10**

D997

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D998

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D999-08

Test Methods for Vibration Testing of Shipping Containers, **15.10**

D1000-10

Test Methods for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications, 10.01

D1001

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D1002-10

Test Method for Apparent Shear Strength of Single-Lap-

Joint Adhesively Bonded Metal Specimens by Tension Loading (Metal-to-Metal), **15.06**

D1003-13

Test Method for Haze and Luminous Transmittance of Transparent Plastics, 08.01

D1004-13

Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting, 08.01

D1005-95(2013)

Test Method for Measurement of Dry-Film Thickness of Organic Coatings Using Micrometers, 06.01

D1006/D1006M-13

Practice for Conducting Exterior Exposure Tests of Paints on Wood, 06.01

D1007-11

Specification for sec-Butyl Alcohol, 06.04

D1008

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D1009

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D1010

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D1011

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D1012

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D1013

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D1014-09

Practice for Conducting Exterior Exposure Tests of Paints and Coatings on Metal Substrates, **06.01**

D1015-05(2010)

Test Method for Freezing Points of High-Purity Hydrocarbons, 05.01

D1016-05(2010)

Test Method for Purity of Hydrocarbons from Freezing Points, 05.01

D1017

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D1018-11

Test Method for Hydrogen In Petroleum Fractions, **05.01**

D1019

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D1020

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D1021

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D1022



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D1023

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D1024

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D1025-10

Test Method for Nonvolatile Residue of Polymerization-Grade Butadiene, **05.01**

D1026

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D1027

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D1028

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D1029

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D1030

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D1031

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D1032

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D1033

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D1034

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D1035

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D1036-99(2012)

Test Methods of Static Tests of Wood Poles, **04.10**

D1037-12

Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials, 04.10

D1038-11

Terminology Relating to Veneer and Plywood, 04.10

D1039-94(2010)

Test Methods for Glass-Bonded Mica Used as Electrical Insulation, 10.01

D1040

Withdrawn 1981; Specification for Uninhibited Mineral Insulating Oil for Use in Transformers and in Oil Circuit Breakers

D1041

Redesignated E104

D1042-12

Test Method for Linear Dimensional Changes of Plastics Caused by Exposure to Heat and Moisture, **08.01**

D1043-10

Test Method for Stiffness Properties of Plastics as a Function of Temperature by Means of a Torsion Test, 08.01

D1044-13

Test Method for Resistance of Transparent Plastics to Surface Abrasion, 08.01

D1045-14

Test Methods for Sampling and Testing Plasticizers Used in Plastics, 08.01

D1046

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D1047-11

Specification for Poly(Vinyl Chloride) Jacket for Wire and Cable, **10.01**

D1048-14

Specification for Rubber Insulating Blankets, 10.03

D1049-98(2010)

Specification for Rubber Insulating Covers, 10.03

D1050-05(2011)

Specification for Rubber Insulating Line Hose, 10.03

D1051-14a

Specification for Rubber Insulating Sleeves, 10.03

D1052-09(2014)

Test Method for Measuring Rubber Deterioration—

Cut Growth Using Ross Flexing Apparatus, 09.01

D1053-92a(2012)

Test Methods for Rubber Property—Stiffening at Low Temperatures: Flexible Polymers and Coated Fabrics, 09.01

D1054

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D1055

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D1056-14

Specification for Flexible Cellular Materials—Sponge or Expanded Rubber, **08.01**

D1057

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D1058

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D1059

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D1060-10

Practice for Core Sampling of Raw Wool in Packages for Determination of Percentage of Clean Wool Fiber Present, **07.01**

D1061/D1061M-95(2009)^{e1}

Specification for Asbestos Lap, 04.05

D1062-08(2015)

Test Method for Cleavage Strength of Metal-to-Metal Adhesive Bonds, 15.06

D1063

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D1064

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D1065-96(2014)^{e1}

Test Method for Unsaponifiable Matter in Naval Stores,



Including Rosin, Tall Oil, and Related Products, **06.03**

D1066-11

Practice for Sampling Steam, 11.01

D1067-11

Test Methods for Acidity or Alkalinity of Water, 11.01

D1068-10

Test Methods for Iron in Water, 11.01

D1069

Withdrawn 1974; Methods of Test for Particulate and Dissolved Matter in Waste Water

D1070-03(2010)

Test Methods for Relative Density of Gaseous Fuels, **05.06**

D1071-83(2008)

Test Methods for Volumetric Measurement of Gaseous Fuel Samples, 05.06

D1072-06(2012)

Test Method for Total Sulfur in Fuel Gases by Combustion and Barium Chloride Titration, 05.06

D1073-11

Specification for Fine Aggregate for Bituminous Paving Mixtures, 04.03

D1074-09

Test Method for Compressive Strength of Bituminous Mixtures, 04.03

D1075-11

Test Method for Effect of Water on Compressive Strength of Compacted Bituminous Mixtures, 04.03

D1076-14

Specification for Rubber—Concentrated, Ammonia Preserved, Creamed, and Centrifuged Natural Latex, 09.01

D1077

Withdrawn 1959; Method of Test for Curing Characteristics of Vulcanizable Rubber Mixture During Heating by the Shearing Disk Viscometer; Replaced by D1646

D1078-11

Test Method for Distillation Range of Volatile Organic Liquids, **06.04**

D1079-13¹

Terminology Relating to Roofing and Waterproofing, 04.04

D1080

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D1081

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D1082-00(2011)

Test Method for Dissipation Factor and Permittivity (Dielectric Constant) of Mica, **10.01**

D1083

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D1084-08

Test Methods for Viscosity of Adhesives, **15.06**

D1085

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D1086

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ture of Petroleum and Petroleum Products

D1087

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D1088

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D1089

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D1090

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D1091-11

Test Methods for Phosphorus in Lubricating Oils and Additives, **05.01**

D1092-12

Test Method for Measuring Apparent Viscosity of Lubricating Greases, 05.01

D1093-11

Test Method for Acidity of Hydrocarbon Liquids and Their Distillation Residues, 05.01

D1094-07(2013)

Test Method for Water Reaction of Aviation Fuels, 05.01

D1095

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D1096

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D1097

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D1098

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D1099

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D1100

Redesignated E832

D1101-97a(2013)

Test Methods for Integrity of Adhesive Joints in Structural Laminated Wood Products for Exterior Use, **15.06**

D1102-84(2013)

Test Method for Ash in Wood, 04.10

D1103

Withdrawn 1986; Method of Test for Alpha-Cellulose in Wood

D1104

Withdrawn 1986; Method of Test for Holocellulose in Wood

D1105-96(2013)

Test Method for Preparation of Extractive-Free Wood, **04.10**

D1106-96(2013)



**Test Method for Acid-Insoluble Lignin in Wood, 04.10
D1107-96(2013)**

**Test Method for Ethanol-Toluene Solubility of Wood,
04.10**

D1108-96(2013)

**Test Method for Dichloromethane Solubles in Wood,
04.10**

D1109-84(2013)

**Test Method for 1 % Sodium Hydroxide Solubility of
Wood, 04.10**

D1110-84(2013)

**Test Methods for Water Solubility of Wood, 04.10
D1111**

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Soap for Low-Temperature Washing (Low and Medium
Titer)*

D1112

*Withdrawn 1976; Specification for Solid Soap for Low-
Temperature Washing (Low and Medium Titer)*

D1113-13

**Test Method for Vegetable Matter and Other Alkali-
Insoluble Impurities in Scoured Wool, 07.01**

D1114

*Withdrawn 1966; Specification for Mechanical Sheet
Felt; Replaced by D2475*

D1115

*Withdrawn 1963; Method of Test for Snag Resistance
of Hosiery*

D1116

*Withdrawn 1981; Method of Test for Resistance of Pile
Floor Coverings to Attack by Black Carpet Beetle Larvae*

D1117

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rics*

D1118/D1118M-95(2009)^{e1}

**Test Method for Magnetic Rating of Asbestos Fiber and
Asbestos Textiles, 04.05**

D1119-05(2015)

**Test Method for Percent Ash Content of Engine Cool-
ants, 15.05**

D1120-11^{e1}

**Test Method for Boiling Point of Engine Coolants,
15.05**

D1121-11

**Test Method for Reserve Alkalinity of Engine Cool-
ants and Antirusts, 15.05**

D1122-13

**Test Method for Density or Relative Density of Engine
Coolant Concentrates and Engine Coolants By The
Hydrometer, 15.05**

D1123-99(2015)

**Test Methods for Water in Engine Coolant Concen-
trate by the Karl Fischer Reagent Method, 15.05**

D1124

*Withdrawn 1993; Specification for Hydrometer-
Thermometer Field Tester For Engine Coolants*

D1125-14

**Test Methods for Electrical Conductivity and Resistivity of
Water, 11.01**

D1126-12

Test Method for Hardness in Water, 11.01

D1127

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Potassium in Industrial Water*

D1128

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Microorganisms and Microscopic Matter in Water and
Waste Water*

D1129-13

Terminology Relating to Water, 11.01

D1130

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Molding of Specimens of Thermoplastic Materials*

D1131

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*Withdrawn 1967; Method of Test for Heptane Number
of Hydrocarbon Solvents*

D1133-13

**Test Method for Kauri-Butanol Value of Hydrocarbon Sol-
vents, 06.04**

D1134

*Withdrawn 1961; Method of Test for Nitrocellulose
Diluting Power of Hydrocarbon Solvents; Combined with
D 1720*

D1135-86(2014)

Test Methods for Chemical Analysis of Blue Pigments,

06.03

D1136

*Withdrawn 1980; Method for Analysis of Natural Gases
by the Volumetric-Chemical Method*

D1137

*Withdrawn 1982; Method for Analysis of Natural Gases
and Related Types of Gaseous Mixtures by the Mass
Spectrometer*

D1138

*Withdrawn 1981; Method of Test for Resistance to
Plastic Flow of Fine-Aggregate Bituminous Mixtures by
Means of the Hubbard-Field Apparatus*

D1139/D1139M-09

**Specification for Aggregate for Single or Multiple Bitumi-
nous Surface Treatments, 04.03**

D1140-14

**Test Methods for Determining the Amount of Material
Finer than 75- μ m (No. 200) Sieve in Soils by Wash-
ing, 04.08**

D1141-98(2013)

**Practice for the Preparation of Substitute Ocean
Water, 11.02**

D1142-95(2012)

**Test Method for Water Vapor Content of Gaseous
Fuels by, 05.06**

D1143

*Withdrawn 2006; Test Method for Piles Under Static
Axial Compressive Load*

D1143/D1143M-07(2013)

**Test Methods for Deep Foundations Under Static Axial
Compressive Load, 04.08**

D1144-99(2011)

**Practice for Determining Strength Development of
Adhesive Bonds, 15.06**

D1145

*Withdrawn 1987; Test Method for Sampling Natural
Gas*



D1146-00(2013)
Test Method for Blocking Point of Potentially Adhesive Layers, **15.06**

D1147
Redesignated F36

D1148-13
Test Method for Rubber Deterioration—Discoloration from Ultraviolet (UV) or UV/Visible Radiation and Heat Exposure of Light-Colored Surfaces, **09.01**

D1149-07(2012)
Test Methods for Rubber Deterioration—Cracking in an Ozone Controlled Environment, 09.01

D1150
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D1151-00(2013)
Practice for Effect of Moisture and Temperature on Adhesive Bonds, **15.06**

D1152-06(2012)
Specification for Methanol (Methyl Alcohol), 06.04

D1153-12
Specification for Methyl Isobutyl Ketone, 06.04

D1154
Withdrawn 1957; Method of Test for Purity of Acetone and Methyl Ethyl Ketone

D1155-10
Test Method for Roundness of Glass Spheres, **06.02**

D1156
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D1157-91(2014)
Test Method for Total Inhibitor Content (TBC) of Light Hydrocarbons, **05.01**

D1158
Withdrawn 1984; Method of Test for Bromine Number of Petroleum Distillates by Color-Indicator Titration; Replaced by D1159

D1159-07(2012)
Test Method for Bromine Numbers of Petroleum Distillates and Commercial Aliphatic Olefins by Electrometric Titration, **05.01**

D1160-13
Test Method for Distillation of Petroleum Products at Reduced Pressure, 05.01

D1161
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D1162
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D1163
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D1164
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D1165-13
Nomenclature of Commercial Hardwoods and Softwoods, **04.10**

D1166-84(2013)
Test Method for Methoxyl Groups in Wood and

Related Materials, 04.10

D1167
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D1168
Withdrawn 2014; Test Methods for Hydrocarbon Waxes Used for Electrical Insulation

D1169-11
Test Method for Specific Resistance (Resistivity) of Electrical Insulating Liquids, **10.03**

D1170
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D1171-99(2007)
Test Method for Rubber Deterioration—Surface Ozone Cracking Outdoors or Chamber (Triangular Specimens), **09.01**

D1172-15
Guide for pH of Aqueous Solutions of Soaps and Detergents, 15.04

D1173-07(2015)
Test Method for Foaming Properties of Surface-Active Agents, 15.04

D1174
Withdrawn 1983; Method of Test for Effect of Bacterial Contamination on Permanence of Adhesive Preparations and Adhesives Bonds

D1175
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D1176-14
Practice for Sampling and Preparing Aqueous Solutions of Engine Coolants or Antirusts for Testing Purposes, **15.05**

D1177-12
Test Method for Freezing Point of Aqueous Engine Coolants, 15.05

D1178
Withdrawn 1971; Method of Test for Chloroform-Extractable Matter in Industrial Water and Industrial Waste Water

D1179-10
Test Methods for Fluoride Ion in Water, **11.01**

D1180
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D1181
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D1182
Withdrawn 1962; Method of Test for Apparent Density and Bulk Factor of Granular Thermoplastic Molding Powder

D1183-03(2011)
Practices for Resistance of Adhesives to Cyclic Laboratory Aging Conditions, **15.06**

D1184-98(2012)
Test Method for Flexural Strength of Adhesive Bonded Laminated Assemblies, 15.06



D1185-98a(2009)

Test Methods for Pallets and Related Structures Employed in Materials Handling and Shipping, 15.10 D1186

Withdrawn 2006; Test Methods for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to a Ferrous Base; Replaced by D7091 D1187/D1187M-97(2011)^{e1}

Specification for Asphalt-Base Emulsions for Use as Protective Coatings for Metal, **04.04**

D1188-07^{e1}

Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Coated Samples, 04.03

D1189

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D1190

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D1191

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D1192

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D1193-06(2011)

Specification for Reagent Water, **11.01**

D1194

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D1195/D1195M-09

Test Method for Repetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements, **04.03**

D1196/D1196M-12

Test Method for Nonrepetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements, 04.03

D1197

Redesignated E197

D1198

Withdrawn 2007; Test Method for Solvent Tolerance of Amine Resins

D1199-86(2014)

Specification for Calcium Carbonate Pigments, **06.03**

D1200-10(2014)

Test Method for Viscosity by Ford Viscosity Cup, 06.01

D1201-13

Specification for Thermosetting Polyester Molding Compounds, 08.01

D1202

Withdrawn 1991; Specification for Plasticized Cellulose Acetate Sheet and Film for Primary Insulation

D1203-10

Test Methods for Volatile Loss From Plastics Using Activated Carbon Methods, **08.01**

D1204-14

Test Method for Linear Dimensional Changes of Non-rigid Thermoplastic Sheeting or Film at Elevated Temperature, 08.01

D1205

Withdrawn 1974; Methods of Testing Adhesives for Brake Lining and Other Friction Materials

D1206

Withdrawn 1981; Method of Test for Resistance to Aging of Vulcanized Rubber by Measurement of Creep

D1207

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D1208-96(2012)

Test Methods for Common Properties of Certain Pigments, **06.03**

D1209-05(2011)

Test Method for Color of Clear Liquids (Platinum-Cobalt Scale), 06.04

D1210-05(2014)

Test Method for Fineness of Dispersion of Pigment-Vehicle Systems by Hegman-Type Gage, 06.01

D1211

Withdrawn 2006; Test Method for Temperature-Change Resistance of Clear Nitrocellulose Lacquer Films Applied to Wood

D1212-91(2013)

Test Methods for Measurement of Wet Film Thickness of Organic Coatings, **06.01**

D1213

Withdrawn 1985; Method of Test for Crushing Resistance of Glass Spheres

D1214-10

Test Method for Sieve Analysis of Glass Spheres, **06.02**

D1215

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D1216

Withdrawn 1976; Method of Analysis of Calcium and Barium Petroleum Sulfonates

D1217-12

Test Method for Density and Relative Density (Specific Gravity) of Liquids by Bingham Pycnometer, **05.01**

D1218-12

Test Method for Refractive Index and Refractive Dispersion of Hydrocarbon Liquids, 05.01

D1219

Withdrawn 1976; Method of Test for Mercaptan Sulfur in Aviation Turbine Fuels (Color-Indicator Method); Replaced by D3227

D1220

Withdrawn 1996; Practice for Measurement and Calibration of Upright Cylindrical Tanks

D1221

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D1222

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D1223

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- D1224
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- D1225
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- D1226
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- D1227-13
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- D1228**
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- D1229-03(2008)
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- D1230-10**
Test Method for Flammability of Apparel Textiles, 07.01
- D1231**
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- D1232
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- D1233
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- D1234-13
Test Method of Sampling and Testing Staple Length of Grease Wool, **07.01**
- D1235**
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- D1236
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- D1237
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- D1238-13
Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer, **08.01**
- D1239-14**
Test Method for Resistance of Plastic Films to Extraction by Chemicals, 08.01
- D1240-14**
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- D1241-07**
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- D1242**
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- D1243-14
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- D1244-98(2011)**
Practice for Designation of Yarn Construction, 07.01
- D1245-11**
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- D1246-10**
Test Method for Bromide Ion in Water, 11.01
- D1247**
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- D1248-12
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- D1249**
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- D1250-08(2013)
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- D1251**
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- D1252-06(2012)^{e1}
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- D1253-14**
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- D1254**
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- D1255
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- D1256
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- D1257-07(2012)
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- D1258**
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- D1259-06(2012)
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- D1260**
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- D1261
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- D1262
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- D1263
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- D1264-12
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- D1265-11**
Practice for Sampling Liquefied Petroleum (LP) Gases, Manual Method, 05.01
- D1266-13**



Test Method for Sulfur in Petroleum Products (Lamp Method), 05.01

D1267-12

Test Method for Gage Vapor Pressure of Liquefied Petroleum (LP) Gases (LP-Gas Method), 05.01

D1268

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D1269

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D1270

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D1271

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D1272

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D1273

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D1274

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D1275

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D1276

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D1277

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D1279

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D1280-14

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D1281

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D1282-05(2009)

Test Method for Resistance to Airflow as an Indication of Average Fiber Diameter of Wool Top, Card Sliver, and Scoured Wool, **07.01**

D1283-05(2013)

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D1284

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D1285

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D1286

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D1287-11

Test Method for pH of Engine Coolants and Antirusts, **15.05**

D1288

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D1289

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D1290-95(2008)

Test Method for Sediment in Water-Emulsion Polishes by Centrifuge, **15.04**

D1291-06(2011)

Practice for Estimation of Chlorine Demand of Water, 11.02

D1292-10

Test Method for Odor in Water, 11.01

D1293-12

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D1294-05(2013)

Test Method for Tensile Strength and Breaking Tenacity of Wool Fiber Bundles 1-in. (25.4-mm) Gage Length, 07.01

D1295

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D1296-01(2012)

Test Method for Odor of Volatile Solvents and Diluents, **06.04**

D1297

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D1298-12b

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D1299

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D1300

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D1301-91(2014)

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D1302

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D1303

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D1304-99(2012)

Test Methods for Adhesives Relative to Their Use as Electrical Insulation, **15.06**

D1305-99(2009)

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D1306



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D1307

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D1308-02(2013)

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D1309-93(2010)

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D1310-01(2007)

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D1311

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D1312

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D1313

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D1314

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D1315

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D1316-06(2011)

Test Method for Fineness of Grind of Printing Inks By the NPIRI Grindometer, **06.02**

D1317

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D1318-00(2011)

Test Method for Sodium in Residual Fuel Oil (Flame Photometric Method), **05.01**

D1319-14

Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption, 05.01

D1320

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D1321-10

Test Method for Needle Penetration of Petroleum Waxes, **05.01**

D1322-14

Test Method for Smoke Point of Kerosine and Aviation Turbine Fuel, 05.01

D1323

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D1324

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D1325

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D1326

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D1327/D1327M-04(2012)^{e1}

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D1328

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D1329-08

Test Method for Evaluating Rubber Property—Retraction at Lower Temperatures (TR Test), **09.01**

D1330-04(2010)

Specification for Rubber Sheet Gaskets, 09.02

D1331-11

Test Methods for Surface and Interfacial Tension of Solutions of Surface-Active Agents, 06.01

D1332

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D1333

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D1334-05(2009)

Test Method for Wool Content of Raw Wool—Commercial Scale, **07.01**

D1335-12

Test Method for Tuft Bind of Pile Yarn Floor Coverings, 07.01

D1336-07(2015)

Test Method for Distortion of Yarn in Woven Fabrics, 07.01

D1337-10

Practice for Storage Life of Adhesives by Viscosity and Bond Strength, 15.06

D1338-99(2011)

Practice for Working Life of Liquid or Paste Adhesives by Consistency and Bond Strength, 15.06

D1339

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D1340

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D1341

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D1342

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D1343-95(2011)

Test Method for Viscosity of Cellulose Derivatives by Ball-Drop Method, **06.03**

D1344

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D1345

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Toxicity of Water to Fresh-Water Fishes

D1346

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D1347

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D1348-94(2008)

Test Methods for Moisture in Cellulose, **06.03**

D1349-14

Practice for Rubber—Standard Conditions for Testing, 09.01

D1350

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D1351-14

Specification for Thermoplastic Polyethylene Insulation for Electrical Wire and Cable, **10.01**

D1352

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D1353-13

Test Method for Nonvolatile Matter in Volatile Solvents for Use in Paint, Varnish, Lacquer, and Related Products, **06.04**

D1354

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D1355

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D1356-15

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D1357-95(2011)

Practice for Planning the Sampling of the Ambient Atmosphere, 11.07

D1358

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D1359

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D1360-98(2011)

Test Method for Fire Retardancy of Paints (Cabinet Method), **06.01**

D1361

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D1362

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D1363-06(2011)

Test Method for Permanganate Time of Acetone and Methanol, **06.04**

D1364-02(2012)

Test Method for Water in Volatile Solvents (Karl Fischer Reagent Titration Method), 06.04

D1365

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D1366-86(2012)

Practice for Reporting Particle Size Characteristics of Pigments, **06.03**

D1367

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D1368

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D1369-84(2012)

Practice for Quantities of Materials for Bituminous Surface Treatments, **04.03**

D1370/D1370M-12

Test Method for Contact Compatibility Between Asphaltic Materials (Oliensis Test), 04.04

D1371

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D1372

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D1373

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D1374

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D1375

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D1376

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D1377

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D1378

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D1379

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D1380

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D1381

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D1382

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D1383

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D1384-05(2012)

Test Method for Corrosion Test for Engine Coolants in Glassware, **15.05**

D1385-07(2013)^{e1}



Test Method for Hydrazine in Water, 11.01

D1386-10

Test Method for Acid Number (Empirical) of Synthetic and Natural Waxes, 15.04

D1387-89(2012)

Test Method for Saponification Number (Empirical) of Synthetic and Natural Waxes, 15.04

D1388-14

Test Method for Stiffness of Fabrics, 07.01

D1389

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D1390

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D1391

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D1392

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D1393

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D1394-76(2014)

Test Methods for Chemical Analysis of White Titanium Pigments, 06.03

D1395

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D1396

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D1397

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D1398

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D1399

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D1400

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D1401-12

Test Method for Water Separability of Petroleum Oils and Synthetic Fluids, 05.01

D1402

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D1403-10

Test Methods for Cone Penetration of Lubricating Grease Using One-Quarter and One-Half Scale Cone Equipment, 05.01

D1404/D1404M-99(2014)

Test Method for Estimation of Deleterious Particles in Lubricating Grease, 05.01

D1405/D1405M-08(2013)

Test Method for Estimation of Net Heat of Combustion of Aviation Fuels, 05.01

D1406

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D1407

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D1408

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D1409

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D1410

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D1411-09

Test Methods for Water-Soluble Chlorides Present as Admixtures in Graded Aggregate Road Mixes, 04.08

D1412-07

Test Method for Equilibrium Moisture of Coal at 96 to 97 Percent Relative Humidity and 30°C, 05.06

D1413-07^{e1}

Test Method for Wood Preservatives by Laboratory Soil-Block Cultures, 04.10

D1414-94(2013)

Test Methods for Rubber O-Rings, 09.02

D1415-06(2012)

Test Method for Rubber Property—International Hardness, 09.01

D1416

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D1417-10

Test Methods for Rubber Latices—Synthetic, 09.01

D1418-10a

Practice for Rubber and Rubber Latices—Nomenclature, 09.01

D1419

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D1420

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D1421

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D1422/D1422M-13

Test Method for Twist in Single Spun Yarns by the Untwist-Retwist Method, 07.01

D1423-02(2008)

Test Method for Twist in Yarns by Direct-Counting, 07.01

D1424-09(2013)^{e1}

Test Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf-Type) Apparatus, 07.01

D1425

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D1425/D1425M-14

Test Method for Evenness of Textile Strands Using Capacitance Testing Equipment, **07.01**

D1426-08

Test Methods for Ammonia Nitrogen In Water, 11.01

D1427

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D1428

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D1429-13

Test Methods for Specific Gravity of Water and Brine, **11.01**

D1430-11

Classification System for Polychlorotrifluoroethylene (PCTFE) Plastics, 08.01

D1431

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D1432

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D1433

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D1434-82(2009)^{ε1}

Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting, **15.10**

D1435-13

Practice for Outdoor Weathering of Plastics, 08.01

D1436-97(2008)

Test Methods for Application of Emulsion Floor Polishes to Substrates for Testing Purposes, 15.04

D1437

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D1438

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D1439-03(2008)^{ε1}

Test Methods for Sodium Carboxymethylcellulose, **06.03**

D1440-07(2012)

Test Method for Length and Length Distribution of Cotton Fibers (Array Method), 07.01

D1441-12

Practice for Sampling Cotton Fibers for Testing, 07.01

D1442-06(2012)

Test Method for Maturity of Cotton Fibers (Sodium Hydroxide Swelling and Polarized Light Procedures), 07.01

D1443

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D1444

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Characteristics of Cotton Fibers

D1445/D1445M-12

Test Method for Breaking Strength and Elongation of Cotton Fibers (Flat Bundle Method), **07.01**

D1446

Withdrawn 1978; Method of Test for Number of Neps in Cotton Samples

D1447-07(2012)^{ε1}

Test Method for Length and Length Uniformity of Cotton Fibers by Photoelectric Measurement, **07.01**

D1448-11

Test Method for Micronaire Reading of Cotton Fibers, 07.01

D1449

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D1450

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D1451

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D1452-09

Practice for Soil Exploration and Sampling by Auger Borings, **04.08**

D1453

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D1454

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D1455-87(2008)

Test Method for 60° Specular Gloss of Emulsion Floor Polish, **15.04**

D1456-86(2014)

Test Method for Rubber Property—Elongation at Specific Stress, 09.01

D1457

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D1458-13

Test Methods for Fully Cured Silicone Rubber-Coated Glass Fabric and Tapes for Electrical Insulation, **10.01**

D1459

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D1460-86(2014)

Test Method for Rubber Property—Change in Length During Liquid Immersion, **09.01**

D1461-11

Test Method for Moisture or Volatile Distillates in Bituminous Paving Mixtures, 04.03

D1462

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D1463

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D1464-12

Practice for Differential Dyeing Behavior of Cotton, **07.01**

D1465-10

Test Method for Blocking and Picking Points of



Petroleum Wax, 05.01

D1466

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D1467

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D1468

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D1469

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D1470

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D1471

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D1472

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D1473

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D1474/D1474M-13

Test Methods for Indentation Hardness of Organic Coatings, **06.01**

D1475-13

Test Method For Density of Liquid Coatings, Inks, and Related Products, 06.01

D1476-02(2012)

Test Method for Heptane Miscibility of Lacquer Solvents, 06.04

D1477

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D1478-11

Test Method for Low-Temperature Torque of Ball Bearing Grease, **05.01**

D1479

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D1480-12

Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Bingham Pycnometer, **05.01**

D1481-12

Test Method for Density and Relative Density (Specific Gravity) of Viscous Materials by Lipkin Bicapillary Pycnometer, 05.01

D1482

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D1483-12

Test Method for Oil Absorption of Pigments by Gardner-Coleman Method, **06.01**

D1484

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D1485-07(2011)

Practice for Rubber from Natural Sources—Sampling and Sample Preparation, **09.01**

D1486

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D1487

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D1488-00(2013)

Test Method for Amylaceous Matter in Adhesives, **15.06**

D1489-09

Test Method for Nonvolatile Content of Aqueous Adhesives, 15.06

D1490-01(2013)

Test Method for Nonvolatile Content of Urea-Formaldehyde Resin Solutions, 15.06

D1491

Withdrawn 1986; Method of Test for Bromine Index of Aromatic Hydrocarbons by Potentiometric Titration

D1492-13

Test Method for Bromine Index of Aromatic Hydrocarbons by Coulometric Titration, **06.04**

D1493

Withdrawn 2004; Test Method for Solidification Point of Industrial Organic Chemicals

D1494-12

Test Method for Diffuse Light Transmission Factor of Reinforced Plastics Panels, **08.03**

D1495

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D1496

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D1497

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D1498-14

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D1499-13

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D1500-12

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D1501

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D1502

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D1503

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D1504

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D1505-10

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- Gradient Technique, **08.01**
D1506-99(2013)
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D1507
Withdrawn 1960; Method of Test for Attrition of Pelleted Carbon Black
D1508-12
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D1509-95(2012)
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D1510-13
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D1511-12
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D1512-15
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D1513-05(2012)
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D1514-04(2011)
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D1515
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D1516-05(2010)
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D1517-10
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D1519-95(2014)
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D1520
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D1521
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D1522
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D1523
Withdrawn 2011; Specification for Synthetic Rubber Insulation for Wire and Cable, 90°C Operation
D1524-94(2010)
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D1525-09
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D1526
Withdrawn 1964; Method of Test for Determination of Bierbaum Scratch Hardness of Plastic Materials
D1527
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80
D1528
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D1529
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D1530
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D1531
Withdrawn 2012; Test Methods for Relative Permittivity (Dielectric Constant) and Dissipation Factor by Fluid Displacement Procedures
D1532
Withdrawn 1992; Specification for Polyester Glass-Mat Sheet Laminate; Replaced by D709
D1533-12
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D1534-95(2008)
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D1535-14
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D1536
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D1537
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D1538
Withdrawn 2007; Specification for Distilled Linseed Fatty Acids
D1539
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D1540
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D1541
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D1542
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D1543
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D1544-04(2010)
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D1545-13
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D1546
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Clear Floor Sealers

D1547

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D1548

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D1549

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D1550-94(2009)

Standard ASTM Butadiene Measurement Tables, **05.01**

D1551

Withdrawn 1977; Method of Test for Sulfur in Petroleum Oils (Quartz-Tube Method)

D1552-08(2014)^{e1}

Test Method for Sulfur in Petroleum Products (High-Temperature Method), **05.01**

D1553

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D1554-10

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D1555-09

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D1555M-08^{e1}

Test Method for Calculation of Volume and Weight of Industrial Aromatic Hydrocarbons and Cyclohexane Metric, 06.04

D1556-07

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D1557-12

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D1558-10

Test Method for Moisture Content Penetration Resistance Relationships of Fine-Grained Soils, 04.08

D1559

Withdrawn 1998; Test Method for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus

D1560-09a

Test Methods for Resistance to Deformation and Cohesion of Bituminous Mixtures by Means of Hveem Apparatus, **04.03**

D1561/D1561M-13

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D1562-09

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D1563

Withdrawn 1985; Method of Test for Peroxide Number of Mineral Insulating Oils

D1564

Withdrawn 1979; Testing Flexible Cellular Materials—

Slab Urethane Foam; Replaced by D3574

D1565

Withdrawn 1998; Specification for Flexible Cellular Materials—Vinyl Chloride Polymers and Copolymers (Open-Cell Foam)

D1566-14

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D1567

Withdrawn 2000; Test Method for Detergent Cleaners for Evaluation of Corrosive Effects on Certain Porcelain Enamels

D1568-05(2014)

Test Methods for Sampling and Chemical Analysis of Alkylbenzene Sulfonates, **15.04**

D1569-05(2014)

Test Methods for Detergent Alkylate, 15.04

D1570-95(2009)

Test Methods for Sampling and Chemical Analysis of Fatty Alkyl Sulfates, 15.04

D1571/D1571M-95(2009)^{e1}

Specification for Woven Asbestos Cloth, 04.05

D1572

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D1573/D1573M-95(2009)^{e1}

Test Method for Heat Aging of Asbestos Textiles, **04.05**

D1574-04(2013)

Test Method for Extractable Matter in Wool and Other Animal Fibers, 07.01

D1575-13

Test Method for Fiber Length of Wool in Scoured Wool and in Card Sliver, 07.01

D1576-13

Test Method for Moisture in Wool by Oven-Drying, 07.01

D1577-07(2012)

Test Methods for Linear Density of Textile Fibers, 07.01

D1578-93(2011)

Test Method for Breaking Strength of Yarn in Skein Form, 07.01

D1579-01(2013)

Test Method for Filler Content of Phenol, Resorcinol, and Melamine Adhesives, 15.06

D1580

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D1581

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D1582-98(2011)

Test Method for Nonvolatile Content of Liquid Phenol, Resorcinol, and Melamine Adhesives, **15.06**

D1583-01(2013)

Test Method for Hydrogen Ion Concentration of Dry Adhesive Films, 15.06

D1584

Withdrawn 1992; Test Method for Water Absorptiveness of Paper Labels

D1585-96(2011)

Test Methods for Fatty Acids Content of Naval Stores,



Including Rosin, Tall Oil, and Related Products, **06.03**
D1586-11

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D1587-08(2012)^{e1}

Practice for Thin-Walled Tube Sampling of Soils for Geotechnical Purposes, 04.08

D1588

Withdrawn 1984; Methods of Test for Dissolved and Gaseous Hydrogen in Water

D1589

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D1590

Withdrawn 1995; Test Method for Surface Tension of Water

D1591

Withdrawn 1967; Method of Test for Effect of Water in Tubular Heat Exchangers

D1592

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D1593-13

Specification for Nonrigid Vinyl Chloride Plastic Film and Sheeting, **08.01**

D1594

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D1595

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D1596-14

Test Method for Dynamic Shock Cushioning Characteristics of Packaging Material, **15.10**

D1597

Withdrawn 1984; Method of Test for Melamine Content of Nitrogen Resins

D1598-02(2009)

Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure, **08.04**

D1599-14

Test Method for Resistance to Short-Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings, 08.04

D1600-14

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D1601-12

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D1602

Withdrawn 1989; Test Method for Bearing Load of Corrugated Reinforced Plastics Panels

D1603-14

Test Method for Carbon Black Content in Olefin Plastics, **08.01**

D1604

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D1605

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D1606

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D1607-91(2011)

Test Method for Nitrogen Dioxide Content of the Atmosphere (Griess-Saltzman Reaction), **11.07**

D1608-98(2009)

Test Method for Oxides of Nitrogen in Gaseous Combustion Products (Phenol-Disulfonic Acid Procedures), 11.07

D1609

Withdrawn 1982; Method of Test for Oxidant Ozone Content of the Atmosphere

D1610-01(2013)

Practice for Conditioning Leather and Leather Products for Testing, **15.04**

D1611-12

Test Method for Corrosion Produced by Leather in Contact with Metal, 15.04

D1612

Withdrawn 2011; Test Method for Acetone in Methanol

D1613-06(2012)

Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer, and Related Products, **06.04**

D1614-09

Test Method for Alkalinity in Acetone, 06.04

D1615

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D1616

Withdrawn 1982; Method of Test for Copper Corrosion by Mineral Spirits (Copper Strip Test); Replaced by D130

D1617-07(2012)

Test Method for Ester Value of Solvents and Thinners, **06.04**

D1618-99(2011)

Test Method for Carbon Black Extractables—Transmittance of Toluene Extract, 09.01

D1619-11

Test Methods for Carbon Black—Sulfur Content, 09.01

D1620

Withdrawn 1973; Method of Test for Volatile Content of Carbon Black

D1621-10

Test Method for Compressive Properties of Rigid Cellular Plastics, **08.01**

D1622/D1622M-14

Test Method for Apparent Density of Rigid Cellular Plastics, 08.01

D1623-09

Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics, 08.01

D1624

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D1625

Withdrawn 2006; Specification for Chromated Copper Arsenate

D1626

Withdrawn 1970; Specification for Chromated Zinc



Arsenate

D1627

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D1628

Withdrawn 2006; Test Methods for Chemical Analysis of Chromated Copper Arsenate

D1629

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D1630-06(2012)

Test Method for Rubber Property—Abrasion Resistance (Footwear Abrader), **09.01**

D1631-10

Test Method for Water in Phenol and Related Materials by the Iodine Reagent Method, 06.04

D1632-07

Practice for Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory, 04.08

D1633-00(2007)

Test Methods for Compressive Strength of Molded Soil-Cement Cylinders, 04.08

D1634

Withdrawn 2015; Test Method for Compressive Strength of Soil-Cement Using Portions of Beams Broken in Flexure (Modified Cube Method)

D1635/D1635M-12

Test Method for Flexural Strength of Soil-Cement Using Simple Beam with Third-Point Loading, **04.08**

D1636-13

Specification for Allyl Molding Compounds, 08.01

D1637

Withdrawn 1990; Test Method for Tensile Heat Distortion Temperature of Plastic Sheet

D1638

Withdrawn 1991; Methods of Testing Urethane Foam Isocyanate Raw Materials

D1639

Withdrawn 2005; Test Method for Acid Value of Organic Coating Materials

D1640-03(2009)

Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature, **06.01**

D1641

Withdrawn 2013; Practice for Conducting Outdoor Exposure Tests of Varnishes

D1642

Withdrawn 1999; Test Methods for Elasticity or Toughness of Varnishes

D1643

Withdrawn 1993; Test Methods for Gas Checking and Draft Test of Varnish Films

D1644-01(2012)

Test Methods for Nonvolatile Content of Varnishes, **06.01**

D1645

Withdrawn 1970; Method of Test for Print Resistance of Varnishes; Replaced by D1640

D1646-07(2012)

Test Methods for Rubber—Viscosity, Stress Relaxation, and Pre-Vulcanization Characteristics (Mooney Viscometer), **09.01**

D1647

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D1648-86(2014)

Specification for Basic Lead Silicochromate Pigment, **06.03**

D1649-01(2012)

Specification for Strontium Chromate Pigment, 06.03

D1650

Withdrawn 1997; Test Methods of Sampling and Testing Shellac Varnish

D1651

Withdrawn 1982; Method of Test for Phthalic Acid Isomers and Benzoic Acid in Alkyd Resins and Esters

D1652-11^{c1}

Test Method for Epoxy Content of Epoxy Resins, **06.03**

D1653-13

Test Methods for Water Vapor Transmission of Organic Coating Films, 06.01

D1654-08

Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments, 06.01

D1655-14a

Specification for Aviation Turbine Fuels, 05.01

D1656

Withdrawn 1969; Method of Test for Knock Characteristics of Motor Fuels Above 100 Octane Number by the Research Method; Replaced by D2699

D1657-12^{c1}

Test Method for Density or Relative Density of Light Hydrocarbons by Pressure Hydrometer, **05.01**

D1658

Withdrawn 1984; Method of Test for Carbon Number Distribution of Aromatic Compounds in Naphthas by Mass Spectrometry

D1659

Withdrawn 1984; Method of Test for Maximum Fluidity Temperature of Residual Fuel Oil

D1660

Withdrawn 1992; Test Method for Thermal Stability of Aviation Turbine Fuels; Replaced by D3241

D1661

Withdrawn 1990; Test Method for Thermal Stability of U. S. Navy Special Fuel Oil

D1662-08(2014)

Test Method for Active Sulfur in Cutting Oils, **05.01**

D1663

Withdrawn 1976; Specification for Hot-Mixed, Hot-Laid Asphalt Paving Mixtures; Replaced by D3515

D1664

Withdrawn 1992; Test Method for Coating and Stripping of Bitumen-Aggregate Mixtures

D1665-98(2014)

Test Method for Engler Specific Viscosity of Tar Products, **04.03**

D1666-11

Test Methods for Conducting Machining Tests of Wood and Wood-Base Panel Materials, 04.10

D1667-05(2011)

Specification for Flexible Cellular Materials—Poly (Vinyl Chloride) Foam (Closed-Cell), 08.01



D1668/D1668M-97a(2014)^{e1}

Specification for Glass Fabrics (Woven and Treated) for Roofing and Waterproofing, 04.04

D1669/D1669M-07(2013)^{e1}

Practice for Preparation of Test Panels for Accelerated and Outdoor Weathering of Bituminous Coatings, 04.04

D1670/D1670M-11

Test Method for Failure End Point in Accelerated and Outdoor Weathering of Bituminous Materials, 04.04

D1671

Withdrawn 1984; Method of Test for Absorbed Gamma Radiation Dose in the Fricke Dosimeter; Replaced by E1026

D1672

Withdrawn 1984; Recommended Practices for Exposure of Polymeric Materials to High-Energy Radiation; Replaced by E1027

D1673

Withdrawn 2006; Test Methods for Relative Permittivity And Dissipation Factor of Expanded Cellular Polymers Used For Electrical Insulation

D1674

Withdrawn 1992; Methods of Testing Polymerizable Embedding Compounds Used for Electrical Insulation

D1675-03(2011)

Test Methods for Polytetrafluoroethylene Tubing, 10.01

D1676-03(2011)

Test Methods for Film-Insulated Magnet Wire, 10.01

D1677-02(2011)

Methods for Sampling and Testing Untreated Mica Paper Used for Electrical Insulation, 10.01

D1678

Withdrawn 1962; Methods of Testing Flexible Vinyl Plastic Coated Sleeving Used for Electrical Insulation

D1679

Withdrawn 2006; Specification for Synthetic Rubber Heat-and Moisture-Resisting Insulation for Wire and Cable, 75 °C Operation

D1680

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D1681-05(2014)

Test Method for Synthetic Anionic Active Ingredient in Detergents by Cationic Titration Procedure, 15.04

D1682

Withdrawn 1992; Test Methods for Breaking Load and Elongation of Textile Fabric; Replaced by D5034 and D5035

D1683/D1683M-11a

Test Method for Failure in Sewn Seams of Woven Apparel Fabrics, 07.01

D1684-07(2012)

Practice for Lighting Cotton Classing Rooms for Color Grading, 07.01

D1685

Withdrawn 2009; Test Method for Traces of Thiophene in Benzene by Spectrophotometry

D1686-10

Test Method for Color of Solid Aromatic Hydrocarbons and Related Materials in the Molten State (Platinum-Cobalt Scale), 06.04

D1687-12

Test Methods for Chromium in Water, 11.01

D1688-12

Test Methods for Copper in Water, 11.01

D1689

Withdrawn 1964; Method of Test for Silica in High-Purity Water; Combined with D 859

D1690

Withdrawn 1981; Test for Gamma Radioactivity of Water

D1691-12

Test Methods for Zinc in Water, 11.01

D1692

Withdrawn 1978; Method of Test for Rate of Burning or Extent and Time of Burning of Cellular Plastics Using a Specimen Supported by a Horizontal Screen

D1693-13

Test Method for Environmental Stress-Cracking of Ethylene Plastics, 08.01

D1694

Withdrawn 2005; Specification for Threads 60° (Stub) for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe

D1695-07(2012)

Terminology of Cellulose and Cellulose Derivatives, 06.03

D1696-95(2011)

Test Method for Solubility of Cellulose in Sodium Hydroxide, 06.03

D1697

Withdrawn 1974; Method of Sampling Casein and Similar Protein Materials

D1698

Withdrawn 2014; Test Method for Sediments and Soluble Sludge in Service-Aged Insulating Oils

D1699

Withdrawn 1967; Method of Test for Bond Strength of Leather Belting

D1700

Withdrawn 1963; Specification for Low Voltage Rubber Insulating Gloves; Combined with D 120

D1701

Withdrawn 2000; Test Methods for Scavenger Content of Askarels

D1702

Withdrawn 1991; Method for Visual Examination of Used Chlorinated Aromatic Hydrocarbons (Askarels) in the Field

D1703

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D1704/D1704M

Withdrawn 2000; Test Method for Determining the Amount of Particulate Matter in the Atmosphere by Measurement of the Light Absorbance of a Filtered Sample

D1705

Withdrawn 1998; Test Method for Particle Size Analysis of Powdered Polymers and Copolymers of Vinyl Chloride

D1706

Withdrawn 1967; Method of Test for Indentation Hardness of Plastics by Means of a Durometer

D1707



Withdrawn 1967; Definition of Terms Relating to Soil Dynamics; Combined with D 653

D1708-13

Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens, **08.01**

D1709-15

Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method, 08.01

D1710-08

Specification for Extruded Polytetrafluoroethylene (PTFE) Rod, Heavy Walled Tubing and Basic Shapes, 08.01

D1711-14a

Terminology Relating to Electrical Insulation, 10.01

D1712-09(2014)

Practice for Resistance of Plastics to Sulfide Staining, 08.01

D1713

Withdrawn 1992; Test Method for Bonding Permanency of Water- or Solvent-Soluble Liquid Adhesives for Automatic Machine Sealing Top Flaps of Fiberboard Specimens

D1714

Withdrawn 1992; Test Method for Water Absorptiveness of Fiberboard Specimens for Adhesives

D1715

Withdrawn 1968; Method of Test for Gas Evolved from Chemical Blowing Agents for Cellular Plastics

D1716

Withdrawn 1993; Test Method for Cellulose Chain Length Uniformity by Fractional Precipitation of Cellulose Nitrate

D1717

Withdrawn 1984; Method of Test for Analysis of Commercial Butane-Butene Mixtures and Isobutylene by Gas Chromatography

D1718-09

Specification for Isobutyl Acetate (95 % Grade), **06.04**

D1719-11

Specification for Isobutyl Alcohol, 06.04

D1720-03(2012)

Test Method for Dilution Ratio of Active Solvents in Cellulose Nitrate Solutions, 06.04

D1721

Withdrawn 2012; Test Method for Permanganate Time of Tricresyl Phosphate

D1722-09

Test Method for Water Miscibility of Water-Soluble Solvents, **06.04**

D1723

Withdrawn 1966; Method of Test for Water Solubility of Acetone; Combined with D 1722

D1724

Withdrawn 1978; Method for Qualitative Determination of Fish Oil in Drying Oils and Drying Oil Fatty Acids; Replaced by D555, D3725

D1725-12

Practice for Preparing Resin Solutions for Viscosity Measurement by Bubble Time Method, **06.03**

D1726-11

Test Methods for Hydrolyzable Chloride Content of Liquid Epoxy Resins, 06.03

D1727

Withdrawn 1984; Method of Test for Urea Content of Nitrogen Resins

D1728

Withdrawn 1991; Test Method for Phthalate Ester Color of High-Gravity Glycerin

D1729-96(2009)

Practice for Visual Appraisal of Colors and Color Differences of Diffusely-Illuminated Opaque Materials, **06.01**

D1730-09(2014)

Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting, 02.05

D1731-09(2014)

Practices for Preparation of Hot-Dip Aluminum Surfaces for Painting, 02.05

D1732-03(2013)

Practices for Preparation of Magnesium Alloy Surfaces for Painting, 02.05

D1733

Withdrawn 1980; Method for Preparation of Aluminum Alloy Panels for Testing Paint, Varnish, Lacquer, and Related Products; Replaced by D1730

D1734-93(2013)

Practice for Making Cementitious Panels for Testing Coatings, **06.02**

D1735-14

Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus, 06.01

D1736

Withdrawn 1997; Test Method for Efflorescence of Interior Wall Paints

D1737

Withdrawn 1988; Method of Test for Elongation of Attached Organic Coatings with Cylindrical Mandrel Apparatus; Replaced by D522

D1738

Withdrawn 1970; Method of Test for Hiding Power of Nonchromatic Paints; Replaced by D2805

D1739-98(2010)

Test Method for Collection and Measurement of Dustfall (Settleable Particulate Matter), **11.07**

D1740

Withdrawn 2006; Test Method for Luminometer Numbers of Aviation Turbine Fuels

D1741

Withdrawn 1991; Test Method for Functional Life of Ball Bearing Greases

D1742-06(2013)

Test Method for Oil Separation from Lubricating Grease During Storage, **05.01**

D1743-13

Test Method for Determining Corrosion Preventive Properties of Lubricating Greases, 05.01

D1744-13

Test Method for Determination of Water in Liquid Petroleum Products by Karl Fischer Reagent, 05.01

D1745

Withdrawn 1966; Method for Calculation of Absolute Viscosity; Combined with D 445

D1746-15

Test Method for Transparency of Plastic Sheeting, **08.01**

D1747-09(2014)



Test Method for Refractive Index of Viscous Materials, 05.01

D1748-10

Test Method for Rust Protection by Metal Preservatives in the Humidity Cabinet, 05.01

D1749

Withdrawn 2010; Practice for Interlaboratory Evaluation of Test Methods Used with Paper and Paper Products
D1750

Withdrawn 1986; Tables for Positive Displacement Meter Prover Tanks

D1751-04(2013)^{e1}

Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types), **04.03**

D1752-04a(2013)

Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion Joint Fillers for Concrete Paving and Structural Construction, 04.03

D1753

Withdrawn 1977; Specification for Hot-Mixed, Hot-Laid Tar Paving Mixtures; Replaced by D3515

D1754/D1754M-09(2014)

Test Method for Effects of Heat and Air on Asphaltic Materials (Thin-Film Oven Test), **04.03**

D1755-09

Specification for Poly(Vinyl Chloride) Resins, 08.01

D1756

Withdrawn 2013; Test Method for Determination as Carbon Dioxide of Carbonate Carbon in Coal; Replaced by D6316

D1757

Withdrawn 2009; Test Method for Sulfate Sulfur in Ash from Coal and Coke

D1758

Withdrawn 2015; Test Method for Evaluating Wood Preservatives by Field Tests with Stakes

D1759

Withdrawn 1978; Method of Conducting Shear-Block Test for Quality Control of Glue Bonds in Scarf Joints

D1760

Withdrawn 2006; Specification for Pressure Treatment of Timber Products

D1761-12

Test Methods for Mechanical Fasteners in Wood, **04.10**

D1762-84(2013)

Test Method for Chemical Analysis of Wood Charcoal, 04.10

D1763-00(2013)

Specification for Epoxy Resins, 08.01

D1764

Withdrawn 2003; Specification for Rubber Latex Products for Automotive Applications

D1765-14

Classification System for Carbon Blacks Used in Rubber Products, **09.01**

D1766-05(2011)

Test Method for Rubber Chemicals—Solubility, 09.01

D1767-89(2009)

Test Method for Ethylene Diamine Tetraacetate (EDTA) in Soaps or Synthetic Detergents, 15.04

D1768-89(2009)

Test Method for Sodium Alkylbenzene Sulfonate in Synthetic Detergents by Ultraviolet Absorption, 15.04

D1769

Withdrawn 1989; Test Method for Linear Density of Cotton Fibers (Array Sample)

D1770-94(2012)^{e1}

Test Method for Neps, Vegetable Matter, and Colored Fiber in Wool Top, **07.01**

D1771

Withdrawn 1981; Method of Sample Reweighing of Lots of Packaged Raw Wool

D1772

Withdrawn 1966; Method of Test for Imperfection Count of Textile Yarns

D1773

Withdrawn 1962; Method of Test for Dimensional Change of Knitted Fabrics in Laundering and Dimensional Restorability of the Laundered Fabric

D1774

Withdrawn 2000; Test Methods for Elastic Properties of Textile Fibers

D1775

Withdrawn 2000; Test Method for Tension and Elongation of Wide Elastic Fabrics (Constant-Rate-of-Load Type Tensile Testing Machine)

D1776/D1776M-15

Practice for Conditioning and Testing Textiles, **07.01**

D1777-96(2015)

Test Method for Thickness of Textile Materials, 07.01

D1778

Withdrawn 1966; Method of Test for Colorfastness to Commercial Laundering and to Domestic Washing of Tufted Rugs and Carpets

D1779-98(2011)

Specification for Adhesive for Acoustical Materials, **15.06**

D1780-05(2012)

Practice for Conducting Creep Tests of Metal-to-Metal Adhesives, 15.06

D1781-98(2012)

Test Method for Climbing Drum Peel for Adhesives, 15.06

D1782-95(2009)

Test Methods for Operating Performance of Particulate Cation-Exchange Materials, 11.02

D1783-01(2012)^{e1}

Test Methods for Phenolic Compounds in Water, 11.02

D1784-11

Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds, 08.01

D1785-12

Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120, 08.04

D1786-10

Specification for Toluene Diisocyanate, 08.01

D1787

Withdrawn 1995; Test Method for Pentosans in Cellulose

D1788

Withdrawn 1989; Specification for Rigid Acrylonitrile-Butadiene-Styrene (ABS) Plastics



D1789

Withdrawn 1984; Test Method for Welding Performance of Poly(Vinyl Chloride) Structures

D1790-14

Test Method for Brittleness Temperature of Plastic Sheet-
ing by Impact, **08.01**

D1791-93(2008)

**Test Method for Accelerated Aging of Liquid Water-
Emulsion Floor Polishes, 15.04**

D1792-06(2012)^{e1}

**Test Method for Long-Term Removability Properties
of Emulsion Floor Polishes, 15.04**

D1793-92(2008)

**Test Method for Water Spotting of Emulsion Floor
Polishes, 15.04**

D1794

*Withdrawn 1993; Test Method for Alcohol-Benzene
Soluble Matter in Cellulose*

D1795-13

Test Method for Intrinsic Viscosity of Cellulose, **06.03**

D1796-11^{e1}

**Test Method for Water and Sediment in Fuel Oils by
the Centrifuge Method (Laboratory Procedure), 05.01**

D1797

*Withdrawn 1974; Method of Test for Ash in Casein and
Isolated Soy Protein*

D1798

*Withdrawn 1974; Method of Test for Fixed Ash in
Casein and Isolated Soy Protein*

D1799-03a(2014)

Practice for Carbon Black—Sampling Packaged Ship-
ments, **09.01**

D1800

*Withdrawn 1974; Method of Test for Alkali Requirement
of Casein and Isolated Soy Protein*

D1801

*Withdrawn 1974; Method of Test for Free Acidity in
Casein and Isolated Soy Protein*

D1802

*Withdrawn 1974; Method of Test for Moisture in Casein
and Isolated Soy Protein*

D1803

*Withdrawn 1974; Method of Test for Nitrogen in Casein
and Isolated Soy Protein*

D1804

*Withdrawn 1974; Method of Test for Oil in Casein and
Isolated Soy Protein*

D1805

*Withdrawn 1972; Recommended Practice for Estimat-
ing Relative Temperature Limits of Dielectric Liquids*

D1806

*Withdrawn 1962; Method of Test for Refractive Index of
Askarels; Combined with D 1807*

D1807

*Withdrawn 2014; Test Methods for Refractive Index
and Specific Optical Dispersion of Electrical Insulating
Liquids*

D1808

*Withdrawn 1980; Method of Test for Volume of Oil in
Oil-Contaminated Askarels*

D1809

Withdrawn 1967; Method for Sampling Askarels; Com-

bined with D 923

D1810

*Withdrawn 2000; Test Method for Specific Gravity of
Askarels/i*

D1811

*Withdrawn 1961; Method of Test for Free Chlorides in
Askarels; Replaced by D1821*

D1812

*Withdrawn 1981; Method of Test for Plastic Properties
of Coal by Gieseler Plastometer*

D1813-13

Test Method for Measuring Thickness of Leather Test
Specimens, **15.04**

D1814-70(2015)

**Test Method for Measuring Thickness of Leather
Units, 15.04**

D1815-00(2015)

**Test Method for Water Absorption (Static) of Veg-
etable Tanned Leather, 15.04**

D1816-12

**Test Method for Dielectric Breakdown Voltage of
Insulating Liquids Using VDE Electrodes, 10.03**

D1817-05(2011)

Test Method for Rubber Chemicals—Density, 09.01

D1818

*Withdrawn 1990; Specification for Continuity of Quality
of Electrical Insulating Oil for Low-Pressure Cable Sys-
tems*

D1819

*Withdrawn 1990; Specification for Continuity of Quality
of Electrical Insulating Oil for High-Pressure Cable Sys-
tems*

D1820

*Withdrawn 2000; Test Method for Hydrolyzable Chlo-
rine Compounds in Chlorinated Aromatic Hydrocarbons
(Askarels)*

D1821

*Withdrawn 2000; Test Method for Inorganic Chlorides
in Askarels*

D1822-13

Test Method for Tensile-Impact Energy to Break Plastics
and Electrical Insulating Materials, **08.01**

D1822M

*Withdrawn 1996; Test Method for Tensile-Impact
Energy to Break Plastics and Electrical Insulating Materi-
als*

D1823-95(2009)

Test Method for Apparent Viscosity of Plasticsols and
Organosols at High Shear Rates by Extrusion Viscom-
eter, **08.01**

D1824-95(2010)

**Test Method for Apparent Viscosity of Plasticsols and
Organosols at Low Shear Rates, 08.01**

D1825

*Withdrawn 2011; Practice for Etching and Cleaning
Copper-Clad Electrical Insulating Materials and Thermo-
setting Laminates for Electrical Testing*

D1826-94(2010)

Test Method for Calorific (Heating) Value of Gases in
Natural Gas Range by Continuous Recording Calorim-
eter, **05.06**

D1827



Withdrawn 2009; Test Method for Gas Content (Non-acidic) of Insulating Liquids by Displacement with Carbon Dioxide

D1828-01(2013)

Practice for Atmospheric Exposure of Adhesive-Bonded Joints and Structures, **15.06**

D1829

Withdrawn 2001; Test Method for Electrical Resistance of Ceramic Materials at Elevated Temperatures

D1830-99(2012)

Test Method for Thermal Endurance of Flexible Sheet Materials Used for Electrical Insulation by the Curved Electrode Method, **10.01**

D1831-11

Test Method for Roll Stability of Lubricating Grease, 05.01

D1832

Withdrawn 2014; Test Method for Peroxide Number of Petroleum Wax

D1833-87(2012)

Test Method for Odor of Petroleum Wax, **05.01**

D1834

Withdrawn 2004; Test Method for 20° Specular Gloss of Waxed Paper

D1835-13

Specification for Liquefied Petroleum (LP) Gases, **05.01**

D1836-07(2013)

Specification for Commercial Hexanes, 06.04

D1837-11

Test Method for Volatility of Liquefied Petroleum (LP) Gases, 05.01

D1838-14

Test Method for Copper Strip Corrosion by Liquefied Petroleum (LP) Gases, 05.01

D1839-14

Test Method for Amyl Nitrate in Diesel Fuels, 05.01

D1840-07(2013)

Test Method for Naphthalene Hydrocarbons in Aviation Turbine Fuels by Ultraviolet Spectrophotometry, 05.01

D1841

Withdrawn 2007; Specification for Distilled Coconut Fatty Acids

D1842

Withdrawn 2007; Specification for Distilled Corn Fatty Acids

D1843

Withdrawn 2007; Specification for Fractionated and Distilled Cottonseed Fatty Acids

D1844-86(2008)

Test Methods for Chemical Analysis of Basic Lead Silicochromate, **06.03**

D1845-86(2014)

Test Methods for Chemical Analysis of Strontium Chromate Pigment, 06.03

D1846

Withdrawn 1966; Method of Test for Water-Soluble Matter in Iron Oxide Pigments by Specific Resistance Method; Combined with D 2448

D1847

Withdrawn 2007; Test Methods for Total Chlorine Content of Epoxy Resins

D1848

Withdrawn 2003; Classification for Reporting Paint Film Failures Characteristic of Exterior Latex Paints

D1849-95(2014)^{e1}

Test Method for Package Stability of Paint, **06.02**

D1850

Withdrawn 1991; Specification for Concrete Joint Sealer

D1851

Withdrawn 1991; Methods of Testing Concrete Joint Sealer

D1852

Withdrawn 1991; Specification for Jet-Fuel-Resistant Concrete Joint Sealer, Cold-Application Elastic Type

D1853

Withdrawn 1991; Methods of Testing Jet-Fuel-Resistant Concrete Joint Sealer for Concrete, Cold-Application Elastic Type

D1854

Withdrawn 2006; Specification for Jet-Fuel-Resistant Concrete Joint Sealer, Hot-Applied Elastic Type;

Replaced by D 7116

D1855

Withdrawn 1996; Test Methods for Jet-Fuel-Resistant Concrete Joint Sealer, Hot-Poured Elastic Type

D1856-09(2015)

Test Method for Recovery of Asphalt From Solution by Absorb Method, **04.03**

D1857/D1857M-04(2010)

Test Method for Fusibility of Coal and Coke Ash, 05.06

D1858

Withdrawn 2006; Specification for Creosote-Petroleum Solution

D1859

Withdrawn 2006; Specification for Petroleum for Blending with Creosote

D1860

Withdrawn 2006; Test Method for Moisture and Creosote-Type Preservative in Wood

D1861

Withdrawn 1992; Specification for Homogeneous Bituminized Fiber Drain and Sewer Pipe

D1862

Withdrawn 1992; Specification for Laminated-Wall Bituminized Fiber Drain and Sewer Pipe

D1863/D1863M-05(2011)^{e1}

Specification for Mineral Aggregate Used on Built-Up Roofs, **04.04**

D1864/D1864M-89(2009)^{e1}

Test Method for Moisture in Mineral Aggregate Used on Built-Up Roofs, 04.04

D1865/D1865M-09

Test Method for Hardness of Mineral Aggregate Used on Built-Up Roofs, 04.04

D1866

Withdrawn 1991; Test Method for Translucency of Mineral Aggregate Used on Built-Up Roofs

D1867-13

Specification for Copper-Clad Thermosetting Laminates for Printed Wiring, **10.01**

D1868-13



Test Method for Detection and Measurement of Partial Discharge (Corona) Pulses in Evaluation of Insulation Systems, 10.01

D1869-95(2010)

Specification for Rubber Rings for Asbestos-Cement Pipe, 09.02

D1870

Withdrawn 1998; Practice for Elevated Temperature Aging Using a Tubular Oven

D1871-04(2014)

Test Method for Adhesion Between Tire Bead Wire and Rubber, **07.01**

D1872

Withdrawn 1991; Method of Testing Rubber Chemical—Free 2-Mercaptobenzothiazole in Benzothiazyl Disulfide; Replaced by D5044

D1873

Withdrawn 1991; Method of Testing Rubber Chemical—Total 2-Mercaptobenzothiazole in Benzothiazyl Disulfide; Replaced by D1051

D1874-62(2010)

Specification for Water- or Solvent-Soluble Liquid Adhesives for Automatic Machine Sealing of Top Flaps of Fiberboard Shipping Cases, **15.10**

D1875-03(2013)

Test Method for Density of Adhesives in Fluid Form, 15.06

D1876-08(2015)^{e1}

Test Method for Peel Resistance of Adhesives (T-Peel Test), 15.06

D1877

Withdrawn 1985; Method of Test for Permanence of Adhesive-Bonded Joints in Plywood Under Mold Conditions

D1878

Withdrawn 1970; Method of Test for Pressure-Sensitive Tack of Adhesives

D1879-06(2014)

Practice for Exposure of Adhesive Specimens to Ionizing Radiation, **15.06**

D1880

Withdrawn 1975; Recommended Practice for Selection of Engine Antifreezers for Use in Automotive Cooling Systems, Ethylene Glycol and Methanol Types; Replaced by D3306

D1881-97(2009)

Test Method for Foaming Tendencies of Engine Coolants in Glassware, **15.05**

D1882-96(2012)

Test Method for Effect of Cooling System Chemical Solutions on Organic Finishes for Automotive Vehicles, 15.05

D1883-14

Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils, 04.08

D1884

Withdrawn 1968; Methods of Test for Acidity and Alkalinity of Industrial Water; Replaced by D1067

D1885

Withdrawn 1962; Method of Test for Chloride Ion in High-Purity Industrial Water; Combined with D 512

D1886-14

Test Methods for Nickel in Water, **11.01**

D1887

Withdrawn 1962; Method of Test for Sodium in High-Purity Industrial Water by Flame Photometry

D1888

Withdrawn 1991; Test Methods for Particulate and Dissolved Matter, Solids, or Residue in Water

D1889

Withdrawn 2007; Test Method for Turbidity of Water; Replaced by D6698 and D6855

D1890-15

Test Method for Beta Particle Radioactivity of Water, **11.02**

D1891

Withdrawn 1971; Method of Test for Hexane-Extractable Matter in Industrial Waste Water

D1892

Withdrawn 1987; Specification for Styrene-Butadiene Molding and Extrusion Materials; Replaced by D4549

D1893

Withdrawn 1991; Test Method for Blocking of Plastic Film

D1894-14

Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheet, **08.01**

D1895-96(2010)^{e1}

Test Methods for Apparent Density, Bulk Factor, and Pourability of Plastic Materials, 08.01

D1896/D1896M-10

Practice for Transfer Molding Test Specimens of Thermosetting Compounds, 08.01

D1897

Withdrawn 1992; Practice for Injection Molding Test Specimens of Thermoplastic Molding and Extrusion Materials; Replaced by D3641

D1898

Withdrawn 1998; Practice for Sampling of Plastics

D1899

Withdrawn 1977; Method of Test for Mass Concentration of Particulate Matter in the Atmosphere (Continuous-Measurement Light-Scattering Method)

D1900-06(2011)

Practice for Carbon Black—Sampling Bulk Shipments, **09.01**

D1901-10(2015)

Test Method for Relative Evaporation Time of Halogenated Organic Solvents and Their Admixtures, 15.05

D1902

Withdrawn 1987; Method of Test for Approximate Acidity and Polar Contamination in Used Mineral Transformer Oil by Spot Tests

D1903-08

Practice for Determining the Coefficient of Thermal Expansion of Electrical Insulating Liquids of Petroleum Origin, and Askarels, **10.03**

D1904

Withdrawn 1969; Method of Test for Oxidation Characteristics of Mineral Transformer Oil

D1905

Withdrawn 1978; Method of Test for Dimensional Changes in Laundering of Woven or Knitted Textiles

D1906



Withdrawn 1968; Method of Test for Estimation of Effective Gage Length by Evaluation of Clamp Error in Single Fiber Testing
D1907/D1907M-12

Test Method for Linear Density of Yarn (Yarn Number) by the Skein Method, **07.01**

D1908

Withdrawn 1998; Test Method for Needle-Related Damage Due to Sewing in Woven Fabric
D1909-13

Standard Tables of Commercial Moisture Regains and Commercial Allowances for Textile Fibers, **07.01**

D1910

Withdrawn 1982; Methods of Test for Construction Characteristics of Woven Fabrics; Replaced by D3773, D3774, D3775, D3776, D3882, D3883
D1911

Withdrawn 1980; Specification for Asbestos-Cement Shingle Blanks to be Used as Panels in Weathering Tests of Exterior Architectural Paints

D1912-00(2010)

Test Method for Cold-Crack Resistance of Upholstery Leather, **15.04**

D1913-00(2010)

Test Method for Resistance to Wetting of Garment-Type Leathers, 15.04

D1914-95(2014)

Practice for Conversion Units and Factors Relating to Sampling and Analysis of Atmospheres, 11.07

D1915

Withdrawn 1996; Test Method for Chromatographic Analysis of Chemically Refined Cellulose; Replaced by D5896

D1916

Withdrawn 2005; Test Method for Penetration of Adhesives

D1917-03(2012)

Test Methods for Rubber Property—Shrinkage of Raw and Compounded Hot-Polymerized Styrene-Butadiene Rubber (SBR), **09.01**

D1918/D1918M-95(2009)¹

Test Method for Asbestos Content of Asbestos Textiles, 04.05

D1919

Withdrawn 1968; Specification for Glass-Fiber Reinforced Thermoset Corrugated Structural Plastics Panel
D1920

Withdrawn 1982; Recommended Practice for Determining Light Dosage in Carbon-Arc Light Aging Apparatus
D1921-12

Test Methods for Particle Size (Sieve Analysis) of Plastic Materials, **08.01**

D1922-09

Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method, 08.01

D1923

Withdrawn 1973; Method of Test for Tensile Properties of Thin Plastic Sheeting Using the Inclined Plane Testing Machine

D1924

Redesignated G21 - 1969; Recommended Practice for

Determining Resistance of Synthetic Polymeric Materials to Fungi

D1925

Withdrawn 1995; Test Method for Yellowness Index of Plastics

D1926-00(2011)

Test Methods for Carboxyl Content of Cellulose, **06.03**

D1927

Withdrawn 1994; Specification for Rigid Poly(Vinyl Chloride) Plastic Sheet

D1928

Withdrawn 2001; Practice for Preparation of Compression-Molded Polyethylene Test Sheets and Test Specimens; Replaced by D4703

D1929-14

Test Method for Determining Ignition Temperature of Plastics, **08.01**

D1930

Withdrawn 1986; Specification for Kraft Dielectric Tissue, Capacitor Grade

D1931

Withdrawn 2013; Specification for Fully Cured Silicone Rubber-Coated Glass Fabric and Tapes for Electrical Insulation

D1932-13

Test Method for Thermal Endurance of Flexible Electrical Insulating Varnishes, **10.01**

D1933-03(2008)

Specification for Nitrogen Gas as an Electrical Insulating Material, 10.03

D1934-95(2012)

Test Method for Oxidative Aging of Electrical Insulating Petroleum Oils by Open-Beaker Method, 10.03

D1935

Withdrawn 1985; Method of Test for Steam Emulsion of Electrical Insulating Oils of Petroleum Origin

D1936

Withdrawn 1987; Method of Test for Thermal Stability of Chlorinated Aromatic Hydrocarbons (Askarels)

D1937-13

Test Method for Carbon Black, Pelleted—Mass Strength, **09.01**

D1938-14

Test Method for Tear-Propagation Resistance (Trousers Tear) of Plastic Film and Thin Sheeting by a Single-Tear Method, 08.01

D1939

Withdrawn 1999; Practice for Determining Residual Stresses in Extruded or Molded Acrylonitrile-Butadiene-Styrene (ABS) Parts by Immersion in Glacial Acetic Acid
D1940

Withdrawn 1970; Method of Test for Porosity of Rigid Cellular Plastics

D1941-91(2013)

Test Method for Open Channel Flow Measurement of Water with the Parshall Flume, **11.01**

D1942

Withdrawn 1990; Test Method for Morpholine in Water; Replaced by D4983

D1943-05(2012)

Test Method for Alpha Particle Radioactivity of Water, **11.02**

**D1944**

Withdrawn 1970; Method of Test for Porosity of Rigid Cellular Plastics

D1945-14

Test Method for Analysis of Natural Gas by Gas Chromatography, **05.06**

D1946-90(2011)

Practice for Analysis of Reformed Gas by Gas Chromatography, 05.06

D1947

Withdrawn 1996; Test Method for Load-Carrying Capacity of Petroleum Oil and Synthetic Fluid Gear Lubricants

D1948

Withdrawn 1969; Method of Test for Knock Characteristics of Motor Fuels Above 100 Octane Number by the Motor Method; Replaced by D2700

D1949

Withdrawn 1991; Test Method for Separation of Tetraethyllead and Tetramethyllead in Gasoline

D1950

Withdrawn 2003; Test Method for Acetone Tolerance of Heat-Bodied Drying Oils

D1951

Withdrawn 2003; Test Method for Ash in Drying Oils and Fatty Acids

D1952

Withdrawn 2003; Test Method for Quantitative Determination of Break in Drying Oils

D1953

Withdrawn 1980; Method of Test for Drying Properties of Drying Oils; Replaced by D1640

D1954

Withdrawn 2003; Test Method for Foots in Raw Linseed Oil (Volumetric Method)

D1955

Withdrawn 2003; Test Method for Gel Time of Drying Oils

D1956

Withdrawn 1975; Method of Test for Heat Bodying Rate of Drying Oils; Replaced by D555

D1957

Withdrawn 2007; Test Method for Hydroxyl Value of Fatty Oils and Acids

D1958

Withdrawn 2003; Test Method for Chloroform Insoluble Matter in Oiticica Oil

D1959

Withdrawn 2006; Test Method for Iodine Value of Drying Oils and Fatty Acids

D1960

Withdrawn 2003; Test Method for Loss on Heating of Drying Oils

D1961

Withdrawn 1975; Method of Test for Maleic Diene Value of Drying Oils; Replaced by D1358

D1962

Withdrawn 2004; Test Method for Saponification Value of Drying Oils, Fatty Acids, and Polymerized Fatty Acids

D1963

Withdrawn 2004; Test Method for Specific Gravity of Drying Oils, Varnishes, Resins, and Related Materials at

25/25°C

D1964

Withdrawn 2003; Test Method for Tung Oil Quality

D1965

Withdrawn 2007; Test Method for Unsaponifiable Matter in Drying Oils, Fatty Acids, and Polymerized Fatty Acids

D1966

Withdrawn 2007; Test Method for Fouts in Raw Linseed Oil (Gravimetric Method)

D1967

Withdrawn 2003; Test Method for Measuring Color After Heating of Drying Oils

D1968

Withdrawn 2010; Terminology Relating to Paper and Paper Products

D1969-07(2012)

Specification for 2-Ethylhexanol, **06.04**

D1970/D1970M-15

Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection, 04.04

D1971-11

Practices for Digestion of Water Samples for Determination of Metals by Flame Atomic Absorption, Graphite Furnace Atomic Absorption, Plasma Emission Spectroscopy, or Plasma Mass Spectrometry, 11.01

D1972

Withdrawn 2014; Practice for Generic Marking of Plastic Products

D1973

Withdrawn 2000; Guide for Design of a Liner System for Containment of Wastes

D1974/D1974M-10

Practice for Methods of Closing, Sealing, and Reinforcing Fiberboard Boxes, **15.10**

D1975-95(2010)

Test Method for Environmental Stress Crack Resistance of Plastic Injection Molded Open Head Pails, 15.10

D1976-12

Test Method for Elements in Water by Inductively-Coupled Argon Plasma Atomic Emission Spectroscopy, 11.01

D1977-03(2008)

Test Method for Nickel and Vanadium in FCC Equilibrium Catalysts by Hydrofluoric/Sulfuric Acid Decomposition and Atomic Spectroscopic Analysis, 05.05

D1978-91(2014)

Guide for Analysis of Electrocoat Bath Samples, 06.01

D1979

Withdrawn 2006; Test Method for Free Formaldehyde Content of Amino Resins

D1980

Withdrawn 2007; Test Method for Acid Value of Fatty Acids and Polymerized Fatty Acids

D1981-11

Test Method for Measuring Color After Heating of Tall Oil Fatty Acids, **06.03**

D1982-13

Test Method for Titer of Fatty Acids, 06.03

**D1983**

Withdrawn 2003; Test Method for Fatty Acid Composition by Gas-Liquid Chromatography of Methyl Esters
D1984

Withdrawn 1999; Specification for Tall Oil Fatty Acids
D1985-13

Practice for Preparing Concrete Blocks for Testing Sealants, for Joints and Cracks, **04.03**

D1986-14

Test Method for Determining the Apparent Viscosity of Polyethylene Wax, 15.04

D1987-07(2012)

Test Method for Biological Clogging of Geotextile or Soil/Geotextile Filters, 04.13

D1988-06(2011)

Test Method for Mercaptans in Natural Gas Using Length-of-Stain Detector Tubes, 05.06

D1989

Withdrawn 2000; Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isothermal Calorimeters; Replaced by D5865

D1990-14

Practice for Establishing Allowable Properties for Visually-Graded Dimension Lumber from In-Grade Tests of Full-Size Specimens, **04.10**

D1991-05(2010)

Test Method for Rubber Chemicals—2-Mercaptobenzothiazole (MBT)—Assay, 09.01

D1992-91(2013)

Guide for Testing Synthetic Plasticizers Used in Rubber, 09.01

D1993-03(2013)

Test Method for Precipitated Silica-Surface Area by Multipoint BET Nitrogen Adsorption, 09.01

D1994-07

Test Method for Determination of Acid Numbers of Hot-Melt Adhesives, 15.10

D1995-92(2011)

Test Methods for Multi-Modal Strength Testing of Autohesives (Contact Adhesives), 15.06

D1996

Withdrawn 2009; Test Method for Determination of Phenolic Antioxidants and Erucamide Slip Additives in Low Density Polyethylene Using Liquid Chromatography (LC); Replaced by D6953

D1997-13

Test Method for Laboratory Determination of the Fiber Content of Peat Samples by Dry Mass, **04.08**

D1998-13

Specification for Polyethylene Upright Storage Tanks, 08.01

D1999

Withdrawn 2000; Guide for Selection of Specimens and Test Parameters from ISO/IEC Standards
D2000-12

Classification System for Rubber Products in Automotive Applications, **09.02**

D2001-07(2012)

Test Method for Depentanization of Gasoline and Naphthas, 05.01

D2002

Withdrawn 1998; Practice for Isolation of Representa-

tive Saturates Fraction from Low-Olefinic Petroleum Naphthas

D2003

Withdrawn 1998; Test Method for Isolation of Representative Saturates Fraction from High-Olefinic Petroleum Naphthas

D2004

Withdrawn 1984; Method of Test for Modulus of Rupture of Petroleum Wax

D2005

Withdrawn 1986; Method of Test for Sealing Strength of Petroleum Wax

D2006

Withdrawn 1976; Method of Test for Characteristic Groups in Rubber Extender and Processing Oils by the Precipitation Method

D2007-11

Test Method for Characteristic Groups in Rubber Extender and Processing Oils and Other Petroleum-Derived Oils by the Clay-Gel Absorption Chromatographic Method, **05.01**

D2008-12

Test Method for Ultraviolet Absorbance and Absorptivity of Petroleum Products, 05.01

D2009

Withdrawn 1995; Test Method for Evaluation of Engine Oils in Two-Stroke Cycle Turbo-Supercharged 6V92TA Diesel Engine

D2010/D2010M-98(2010)

Test Methods for Evaluation of Total Sulfation Activity in the Atmosphere by the Lead Dioxide Technique, **11.07**

D2011

Withdrawn 1982; Method for Continuous Analysis and Automatic Recording of the Oxidant Content of the Atmosphere

D2012

Withdrawn 1979; Method for Continuous Measurement of Nitric Oxide, Nitrogen Dioxide, and Ozone in the Atmosphere

D2013/D2013M-12

Practice for Preparing Coal Samples for Analysis, **05.06**

D2014-97(2010)

Test Method for Expansion or Contraction of Coal by the Sole-Heated Oven, 05.06

D2015

Withdrawn 2000; Test Method for Gross Calorific Value of Coal and Coke by the Adiabatic Bomb Calorimeter
D2016

Withdrawn 1989; Methods of Test for Moisture Content of Wood; Replaced by D4442, D4444

D2017

Withdrawn 2014; Test Method of Accelerated Laboratory Test of Natural Decay Resistance of Woods
D2018

Withdrawn 1969; Recommended Practice for Determining Design Stresses for Load-Sharing Lumber Members

D2019

Withdrawn 2010; Test Method for Dirt in Paper and Paperboard

D2020

Withdrawn 2009; Test Methods for Mildew (Fungus) Resistance of Paper and Paperboard



D2021

Withdrawn 2000; Specification for Neutral Detergent, 40 Percent Alkylbenzene Sulfonate Type
D2022-89(2008)

Test Methods of Sampling and Chemical Analysis of Chlorine-Containing Bleaches, **15.04**

D2023-89(2009)

Test Method of Analysis for Sodium Toluene Sulfonate in Detergents, 15.04

D2024-09

Test Method for Cloud Point of Nonionic Surfactants, 15.04

D2025

Redesignated F37 - 1962; Method of Test for Sealability of Gasket Materials

D2026/D2026M-15

Specification for Cutback Asphalt (Slow-Curing Type), **04.03**

D2027/D2027M-13

Specification for Cutback Asphalt (Medium-Curing Type), 04.03

D2028/D2028M-15

Specification for Cutback Asphalt (Rapid-Curing Type), 04.03

D2029-97(2008)

Test Methods for Water Vapor Content of Electrical Insulating Gases by Measurement of Dew Point, 10.03

D2030

Withdrawn 2003; Test Method for Water Solubility of Refined Pyridine

D2031

Withdrawn 2003; Test Method for Reducing Substances in Refined Pyridine

D2032

Withdrawn 1987; Specification for Deuterium Oxide

D2033

Withdrawn 1987; Method of Test for Consumption of Potassium Permanganate by Impurities in Deuterium Oxide

D2034

Withdrawn 1983; Methods of Open Channel Flow Measurement of Water and Waste Water by Weirs

D2035-13

Practice for Coagulation-Flocculation Jar Test of Water, **11.02**

D2036-09

Test Methods for Cyanides in Water, 11.02

D2037

Withdrawn 1981; Method of Test for Evaluating Inhibitory Toxicity of Water to Diatoms

D2038

Withdrawn 1989; Method for Radioactive Barium in Water

D2039

Withdrawn 1988; Method of Test for Radioactive Manganese in Industrial Water and Industrial Waste Water

D2040

Withdrawn 1970; Method of Test for Strontium 90 in Industrial Water and Industrial Waste Water

D2041/D2041M-11

Test Method for Theoretical Maximum Specific Gravity

and Density of Bituminous Paving Mixtures, **04.03**

D2042-09

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D2043

Withdrawn 2010; Test Method for Silver Tarnishing by Paper

D2044

Withdrawn 1980; Method of Test for Moisture in Paper and Paperboard by Toluene Distillation

D2045

Withdrawn 1971; Method of Test for Water Absorptiveness of Nonbibulous Paper and Paperboard (COBB Test)

D2046

Withdrawn 1969; Method of Test for Nonvolatile Matter (Total Solids) in Solvent-Board Waxes; Replaced by

D2834

D2047-11

Test Method for Static Coefficient of Friction of Polish-Coated Flooring Surfaces as Measured by the James Machine, **15.04**

D2048-10

Test Method for Powdering of Floor Polish Films, 15.04

D2049

Withdrawn 1984; Test Method for Relative Density of Cohesionless Soils; Replaced by D4253, D4254

D2050-11

Terminology Relating to Fasteners and Closures Used with Textiles, **07.01**

D2051-14

Test Method for Durability of Finish of Zippers to Laundering, 07.01

D2052-05(2015)

Test Method for Colorfastness of Zippers to Dry-cleaning, 07.01

D2053-99(2015)

Test Method for Colorfastness of Zippers to Light, 07.01

D2054-99(2015)

Test Method for Colorfastness of Zipper Tapes to Crocking, 07.01

D2055

Withdrawn 1976; Method of Test for Colorfastness of Zipper Tapes to Perspiration

D2056

Withdrawn 1970; Method of Test for Resistance of Finish of Zippers to Dry Abrasion

D2057-05(2015)

Test Method for Colorfastness of Zippers to Laundering, **07.01**

D2058-03(2014)

Test Method for Durability of Finish of Zippers to Dry-cleaning, 07.01

D2059/D2059M-03(2014)

Test Method for Resistance of Zippers to Salt Spray (Fog), 07.01

D2060-14^{e1}

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D2061-07(2013)

Test Methods for Strength Tests for Zippers, 07.01



- D2062-03(2014)**
Test Methods for Operability of Zippers, 07.01
- D2063/D2063M-10(2012)**
Test Methods for Measurement of Torque Retention for Packages with Continuous Thread Closures Using Non-Automated (Manual) Torque Testing Equipment, 15.10
- D2064-91(2012)**
Test Method for Print Resistance of Architectural Paints, 06.02
- D2065-03(2011)**
Test Method for Determination of Edge Performance of Composite Wood Products Under Surfactant Accelerated Moisture Stress, 06.02
- D2066-07(2012)**
Test Methods for Relative Tinting Strength of Paste-Type Printing Ink Dispersions, 06.02
- D2067-97(2013)**
Test Method for Coarse Particles in Printing Ink Dispersions, 06.02
- D2068-14**
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- D2069**
Withdrawn 2003; Specification for Marine Fuels
- D2070-91(2010)**
Test Method for Thermal Stability of Hydraulic Oils, 05.01
- D2071**
Withdrawn 2007; Test Methods for Fatty Nitrogen Products
- D2072**
Withdrawn 2007; Test Method for Water in Fatty Nitrogen Compounds
- D2073**
Withdrawn 2007; Test Methods for Total, Primary, Secondary, and Tertiary Amine Values of Fatty Amines, Amidoamines, and Diamines by Referee Potentiometric Method
- D2074-07(2013)**
Test Methods for Total, Primary, Secondary, and Tertiary Amine Values of Fatty Amines by Alternative Indicator Method, 06.03
- D2075**
Withdrawn 2007; Test Method for Iodine Value of Fatty Amines, Amidoamines, and Diamines
- D2076**
Withdrawn 2007; Test Methods for Acid Value and Amine Value of Fatty Quaternary Ammonium Chlorides
- D2077**
Withdrawn 2007; Test Method for Ash in Fatty Quaternary Ammonium Chlorides
- D2078**
Withdrawn 2003; Test Method for Iodine Value of Fatty Quaternary Ammonium Chlorides
- D2079**
Withdrawn 2007; Test Method for Nonvolatile Matter (Solids) in Fatty Quaternary Ammonium Chlorides
- D2080**
Withdrawn 2007; Test Method for Average Molecular Weight of Fatty Quaternary Ammonium Chlorides
- D2081**
Withdrawn 2007; Test Method for pH of Fatty Quaternary Ammonium Chlorides
- D2082**
Withdrawn 2007; Test Method for Percent of Non-Amines in Fatty Nitrogen Compounds
- D2083**
Withdrawn 2007; Test Method for Calculation of Percent of Primary, Secondary, and Tertiary Amines in Fatty Amines
- D2084-11**
Test Method for Rubber Property—Vulcanization Using Oscillating Disk Cure Meter, 09.01
- D2085**
Withdrawn 2006; Test Method for Determining Chloride Used in Calculating Pentachlorophenol in Solutions or Wood (Lime Ignition Method)
- D2086-08(2012)**
Test Method for Acidity in Vinyl Acetate and Acetaldehyde, 06.04
- D2087-06(2012)**
Test Method for Iron in Formaldehyde Solutions, 06.04
- D2088**
Withdrawn 1979; Method for Determination of Low Concentrations of Lead in Paint; Replaced by D3335
- D2089**
Withdrawn 1984; Method of Test for Water-Soluble Matter in White Pigments by Specific Resistance Method; Combined with D 2448
- D2090**
Withdrawn 2007; Test Method for Clarity and Cleanliness of Paint and Ink Liquids
- D2091-96(2011)**
Test Method for Print Resistance of Lacquers, 06.02
- D2092**
Withdrawn 2008; Guide for Preparation of Zinc-Coated (Galvanized) Steel Surfaces for Painting; Replaced by D6386 and D7396
- D2093-03(2011)**
Practice for Preparation of Surfaces of Plastics Prior to Adhesive Bonding, 15.06
- D2094-00(2014)**
Practice for Preparation of Bar and Rod Specimens for Adhesion Tests, 15.06
- D2095-96(2015)**
Test Method for Tensile Strength of Adhesives by Means of Bar and Rod Specimens, 15.06
- D2096-11**
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- D2097-03(2010)**
Test Method for Flex Testing of Finish on Upholstery Leather, 15.04
- D2098-13**
Test Method for Dynamic Water Resistance of Shoe Upper Leather by the Dow Corning Leather Tester, 15.04
- D2099-14**
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- D2100/D2100M-95(2009)^{e1}**
Specification for Asbestos Textiles Used for Electrical



Insulating Purposes, 04.05

D2101

Withdrawn 1995; Test Method for Tensile Properties of Single Man-Made Textile Fibers Taken from Yarns and Tows

D2102-02(2012)^{e1}

Test Method for Shrinkage of Textile Fibers (Bundle Test),

07.01

D2103-15

Specification for Polyethylene Film and Sheeting,

08.01

D2104

Withdrawn 2010; Specification for Polyethylene (PE) Plastic Pipe, Schedule 40

D2105-01(2014)

Test Method for Longitudinal Tensile Properties of “Fiber-glass” (Glass-Fiber-Reinforced Thermosetting-Resin)

Pipe and Tube, **08.03**

D2106-07(2012)

Test Methods for Determination of Amine Acid Acceptance (Alkalinity) of Halogenated Organic Solvents, 15.05

D2107

Withdrawn 1975; Method of Test for Nonamine Acid Acceptance of Halogenated Organic Solvent, Decreasing Grade (Reflux Method)

D2108-10(2015)

Test Method for Color of Halogenated Organic Solvents and Their Admixtures (Platinum-Cobalt Scale), **15.05**

D2109-01(2011)

Test Methods for Nonvolatile Matter in Halogenated Organic, 15.05

D2110-00(2012)

Test Method for pH of Water Extractions of Halogenated Organic Solvents and Their Admixtures, 15.05

D2111-10(2015)

Test Methods for Specific Gravity and Density of Halogenated Organic Solvents and Their Admixtures, 15.05

D2112-01a(2007)

Test Method for Oxidation Stability of Inhibited Mineral Insulating Oil by Pressure Vessel, 10.03

D2113-14

Practice for Rock Core Drilling and Sampling of Rock for Site Exploration, 04.08

D2114

Withdrawn 1970; Specification for Rigid Poly(Vinyl Chloride-Vinyl Acetate) Compounds; Replaced by D1784

D2115-10

Practice for Oven Heat Stability of Poly(Vinyl Chloride) Compositions, **08.01**

D2116-07(2012)

Specification for FEP-Fluorocarbon Molding and Extrusion Materials, 08.01

D2117

Withdrawn 1994; Test Method for Melting Point of Semicrystalline Polymers by the Hot Stage Microscopy Method

D2118-05(2009)

Practice for Assigning a Standard Commercial Moisture Content for Wool and Its Products, **07.01**

D2119-09

Test Method for Aldehydes in Styrene Monomer, 06.04

D2120

Withdrawn 1992; Test Method for Inhibitor, p-tert-Butylcatechol, in Styrene Monomer

D2121-07

Test Methods for Polymer Content of Styrene Monomer and AMS (α -Methylstyrene), **06.04**

D2122-98(2010)

Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings, 08.04

D2123

Withdrawn 1989; Specification for Rigid Poly(Vinyl Chloride-Vinyl Acetate) Plastic Sheet

D2124-99(2011)

Test Method for Analysis of Components in Poly(Vinyl Chloride) Compounds Using an Infrared Spectrophotometric Technique, **08.01**

D2125

Withdrawn 1971; Specification for Cellular Polystyrene

D2126-09

Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging, **08.01**

D2127

Withdrawn 1970; Method of Test for Water Absorption of Rigid Cellular Plastics; Replaced by D2842

D2128

Withdrawn 1986; Specification for Rubberized Curled Hair

D2129-05(2010)

Test Method for Color of Clear Electrical, **10.03**

D2130-13

Test Method for Diameter of Wool and Other Animal Fibers by Microprojection, 07.01

D2131-97(2008)^{e1}

Classification for Natural Muscovite Mica Splittings, 10.01

D2132-12

Test Method for Dust-and-Fog Tracking and Erosion Resistance of Electrical Insulating Materials, 10.01

D2133

Withdrawn 1986; Specification for Acetal Resin Injection Molding and Extrusion Materials

D2134-93(2012)

Test Method for Determining the Hardness of Organic Coatings with a Sward-Type Hardness Rocker, **06.01**

D2135

Withdrawn 1989; Classification of Hard Rubbers

D2136-02(2012)

Test Method for Coated Fabrics—Low-Temperature Bend Test, **09.01**

D2137-11

Test Methods for Rubber Property—Brittleness Point of Flexible Polymers and Coated Fabrics, 09.01

D2138

Withdrawn 1990; Test Method for Rubber Property—Adhesion to Textile Cord; Replaced by D4776, D4777

D2139

Redesignated F38

D2140-08

Practice for Calculating Carbon-Type Composition of Insulating Oils of Petroleum Origin, **10.03**

**D2141**

Withdrawn 1982; Method of Test for Adhesion Ratio of Polyethylene Film

D2142

Withdrawn 1967; Method of Test for Rapid Estimation of Staple Length of Wool Tops

D2143-00(2010)

Test Method for Cyclic Pressure Strength of Reinforced, Thermosetting Plastic Pipe, **08.03**

D2144-07(2013)

Practices for Examination of Electrical Insulating Oils by Infrared Absorption, 10.03

D2145

Withdrawn 1979; Method of Test for Phenol Content of Phenol-Water Mixtures

D2146

Withdrawn 1986; Specification for Propylene Plastic Molding and Extrusion Materials; Replaced by D4101

D2147

Withdrawn 1979; Method of Test for Detection and Estimation of Water-Insoluble Impurities in Refined Phenol by Cloud Point Depression

D2148-13

Test Methods for Bondable Silicone Rubber Tapes Used for Electrical Insulation, **10.01**

D2149-13

Test Method for Permittivity (Dielectric Constant) And Dissipation Factor Of Solid Dielectrics At Frequencies To 10 MHz And Temperatures To 500°C, 10.01

D2150

Withdrawn 1987; Specification for Woven Roving Glass Fabric for Polyester-Glass Laminates; Replaced by D4357

D2151

Withdrawn 2003; Practice for Staining of Poly(Vinyl Chloride) Compositions by Rubber Compounding Ingredients

D2152-13

Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion, **08.04**

D2153

Withdrawn 1976; Recommended Practice for Calculating Stress in Plastic Pipe Under Internal Pressure

D2154

Withdrawn 1975; Specification for Special Duty Propane; Replaced by D1835

D2155-12

Test Method for Determination of Fire Resistance of Aircraft Hydraulic Fluids by Autoignition Temperature, **05.01**

D2156-09(2013)

Test Method for Smoke Density in Flue Gases from Burning Distillate Fuels, 05.01

D2157-94(2013)

Test Method for Effect of Air Supply on Smoke Density in Flue Gases from Burning Distillate Fuels, 05.01

D2158-11

Test Method for Residues in Liquefied Petroleum (LP) Gases, 05.01

D2159

Withdrawn 1998; Test Method for Naphthenes in Satu-

rates Fractions by Refractivity Intercept

D2160

Withdrawn 1997; Test Method for Thermal Stability of Hydraulic Fluids

D2161-10

Practice for Conversion of Kinematic Viscosity to Saybolt Universal Viscosity or to Saybolt Furol Viscosity, **05.01**

D2162-14

Practice for Basic Calibration of Master Viscometers and Viscosity Oil Standards, 05.01

D2163-14^{e1}

Test Method for Determination of Hydrocarbons in Liquefied Petroleum (LP) Gases and Propane/Propene Mixtures by Gas Chromatography, 05.01

D2164

Withdrawn 2005; Methods of Testing Structural Insulating Roof Deck

D2165-94(2012)^{e1}

Test Method for pH of Aqueous Extracts of Wool and Similar Animal Fibers, **07.01**

D2166/D2166M-13

Test Method for Unconfined Compressive Strength of Cohesive Soil, 04.08

D2167-08

Test Method for Density and Unit Weight of Soil in Place by the Rubber Balloon Method, 04.08

D2168-10

Practices for Calibration of Laboratory Mechanical-Rammer Soil Compactors, 04.08

D2169

Withdrawn 1975; Method of Test for Odor in Casein

D2170/D2170M-10

Test Method for Kinematic Viscosity of Asphalts (Bitumens), **04.03**

D2171/D2171M-10

Test Method for Viscosity of Asphalts by Vacuum Capillary Viscometer, 04.03

D2172/D2172M-11

Test Methods for Quantitative Extraction of Bitumen From Bituminous Paving Mixtures, 04.03

D2173

Withdrawn 1984; Method of Test for Arsenic in Paper and Paperboard

D2174

Withdrawn 1972; Method of Test for Tensile Energy Absorption of Paper

D2175

Withdrawn 2010; Test Method Book Bulk and Book Bulking Number of Paper

D2176

Withdrawn 2010; Test Method for Folding Endurance of Paper by the M.I.T. Tester

D2177

Withdrawn 2009; Test Method for Ink Absorption of Blotting Paper

D2178

Withdrawn 2013; Specification for Asphalt Glass Felt Used in Roofing and Waterproofing

D2178/D2178M-14

Specification for Asphalt Glass Felt Used in Roofing and Waterproofing, **04.04**

**D2179**

Withdrawn 2000; Specification for Combination Bar Soap

D2180-89(2008)

Test Method for Active Oxygen in Bleaching Compounds, **15.04**

D2181

Withdrawn 1969; Specification for Vinyl Acetate Resin Emulsion Adhesive

D2182

Withdrawn 1984; Method of Test for Strength Properties of Metal-to-Metal Adhesives by Compression Loading (Disk Shear)

D2183

Withdrawn 1991; Test Method for Flow Properties of Adhesives

D2184

Withdrawn 1987; Method of Testing Deuterium Oxide

Withdrawn 1970; Method of Test for Radioactive Cobalt in Industrial Water and Industrial Waste Water

D2186

Withdrawn 2014; Test Methods for Deposit-Forming Impurities in Steam

D2187-94(2009)^{c1}

Test Methods for Physical and Chemical Properties of Particulate Ion-Exchange Resins, **11.02**

D2188

Withdrawn 1984; Recommended Practice for Statistical Design in Interlaboratory Testing of Plastics; Replaced by E691

D2189

Withdrawn 1975; Specification for Acetaldehyde

D2190-07(2013)

Specification for Vinyl Acetate, **06.04**

D2191-06(2012)

Test Method for Acetaldehyde Content of Vinyl

Acetate, 06.04

D2192-06(2012)

Test Method for Purity of Aldehydes and Ketones,

06.04

D2193-06(2012)

Test Method for Hydroquinone in Vinyl Acetate, 06.04

D2194-02(2012)

Test Method for Concentration of Formaldehyde

Solutions, 06.04

D2195

Withdrawn 2011; Test Methods for Pentaerythritol

D2196-10

Test Methods for Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer, **06.01**

D2197-13

Test Method for Adhesion of Organic Coatings by Scrape Adhesion, 06.01

D2198

Withdrawn 2003; Test Method for Stain Removal From Multicolor Lacquers

D2199-03(2013)

Test Method for Measurement of Plasticizer Migration From Vinyl Fabrics to Lacquers, **06.02**

D2200-13

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D2201-99(2011)

Practice for Preparation of Zinc-Coated and Zinc-Alloy-Coated Steel Panels for Testing Paint and Related Coating Products, 06.01

D2202-00(2014)

Test Method for Slump of Sealants, 04.07

D2203-01(2011)

Test Method for Staining from Sealants, 04.07

D2204

Withdrawn 1976; Method of Test for Perspiration Resistance of Organic Coatings

D2205-85(2010)

Guide for Selection of Tests for Traffic Paints, **06.02**

D2206

Withdrawn 1980; Test Method for Low Quantities of Mercury in Paint; Replaced by D3624

D2207-00(2015)

Test Method for Bursting Strength of Leather by the Ball Method, **15.04**

D2208-00(2010)

Test Method for Breaking Strength of Leather by the Grab Method, 15.04

D2209-00(2015)

Test Method for Tensile Strength of Leather, 15.04

D2210-13

Test Method for Grain Crack and Extension of Leather by the Mullen Test, 15.04

D2211-00(2015)

Test Method for Elongation of Leather, 15.04

D2212-00(2015)

Test Method for Slit Tear Resistance of Leather, 15.04

D2213-00(2010)

Test Method for Compressibility of Leather, 15.04

D2214

Withdrawn 2008; Test Method for Estimating the Thermal Conductivity of Leather with the Cenco-Fitch Apparatus; Replaced by D7340

D2215

Withdrawn 1975; Method of Test for Total Fat in Casein and Isolated Soy Protein

D2216-10

Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass, **04.08**

D2217

Withdrawn 2007; Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants

D2218-67(2012)

Specification for Molybdate Orange Pigments, **06.03**

D2219-11

Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 60C Operation, 10.01

D2220-11

Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 75°C Operation, 10.01

D2221-01(2015)

Test Method for Creep Properties of Package Cushioning Materials, 15.10

D2222-14



Test Method for Methanol Extract of Vinyl Chloride Resins, 08.01

D2223

Withdrawn 1993; Test Method for Oxygen Impurity in Nitrogen (Electrochemical Method)

D2224

Withdrawn 1989; Test Method for Mean Molecular Weight of Mineral Insulating Oils by the Cryoscopic Method

D2225-04(2012)

Test Methods for Silicone Fluids Used for Electrical Insulation, **10.03**

D2226-93(2012)

Classification for Various Types of Petroleum Oils for Rubber Compounding Use, 09.01

D2227-96(2011)

Specification for Natural Rubber (NR) Technical Grades, 09.01

D2228-04(2009)

Test Method for Rubber Property—Relative Abrasion Resistance by Pico Abrader Method, 09.01

D2229-10(2014)

Test Method for Adhesion Between Steel Tire Cords and Rubber, 07.01

D2230-96(2012)

Test Method for Rubber Property Extrudability of Unvulcanized Compounds, 09.01

D2231

Withdrawn 1998; Practice for Rubber Properties in Forced Vibration; Replaced by D5992

D2232-14

Test Method for Evaporating Residue of Naphthalene, **06.04**

D2233

Withdrawn 2003; Specification for Chlorinated Aromatic Hydrocarbons (Askarels) for Capacitors

D2234/D2234M-10

Practice for Collection of a Gross Sample of Coal, **05.06**

D2235-04(2011)

Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings, 08.04

D2236

Withdrawn 1985; Method of Test for Dynamic Mechanical Properties of Plastics by Means of a Torsional Pendulum; Replaced by D4065

D2237

Withdrawn 1989; Method of Test for Rate-of-Rise (Volume Increase) Properties of Urethane Foaming Systems

D2238-92(2012)^{e1}

Test Methods for Absorbance of Polyethylene Due to Methyl Groups, **08.01**

D2239-12a

Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter, 08.04

D2240-05(2010)

Test Method for Rubber Property—Durometer Hardness, 09.01

D2241-09

Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series), 08.04

D2242

Withdrawn 1971; Specification for Weathered Heavily Chalked Paint Panels for Use in Weathering Tests of Latex Paints

D2243-95(2014)

Test Method for Freeze-Thaw Resistance of Water-Borne Coatings, **06.02**

D2244-14

Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates, 06.01

D2245-90(2011)

Test Method for Identification of Oils and Oil Acids in Solvent-Reducible Paints, 06.01

D2246

Withdrawn 1992; Test Method for Finishes on Primed Metallic Substrates for Humidity-Thermal Cycle Cracking

D2247-11
Practice for Testing Water Resistance of Coatings in 100% Relative Humidity, **06.01**

D2248-01a(2013)

Practice for Detergent Resistance of Organic Finishes, 06.01

D2249

Withdrawn 2002; Test Method for Predicting the Effect of Weathering on Face Glazing and Bedding Compounds on Metal Sash

D2250

Withdrawn 1986; Method of Test for Physical and Electrical Breakdown of Insulating Materials by Halogenated Organic Solvents and Their Admixtures

D2251-10(2015)

Test Method for Metal Corrosion by Halogenated Organic Solvents and Their Admixtures, **15.05**

D2252-05(2009)

Specification for Fineness of Types of Alpaca, 07.01

D2253

Withdrawn 1995; Test Method for Color of Raw Cotton Using the Nickerson-Hunter Cotton Colorimeter

D2254

Withdrawn 1970; Method of Test for Non-Lint Content of Cotton (SRRL Non-Lint Tester Method); Replaced by D2812

D2255/D2255M-09(2013)

Test Method for Grading Spun Yarns for Appearance, **07.01**

D2256/D2256M-10(2015)

Test Method for Tensile Properties of Yarns by the Single-Strand Method, 07.01

D2257-98(2012)

Test Method for Extractable Matter in Textiles, 07.01

D2258-99(2012)

Practice for Sampling Yarn for Testing, 07.01

D2259-02(2011)

Test Method for Shrinkage of Yarns, 07.01

D2260-03(2013)

Tables of Conversion Factors and Equivalent Yarn Numbers Measured in Various Numbering Systems, 07.01

D2261-13

Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine), 07.01

**D2262**

Withdrawn 1995; Test Method for Tearing Strength of Woven Fabrics by the Tongue (Single Rip) Method (Constant-Rate-of-Traverse Tensile Testing Machine)

D2263

Withdrawn 1976; Methods of Testing Automotive Fabrics

D2264

Withdrawn 1971; Recommended Practice for Calculating Number of Tests to be Specified in Determining Average Quality of a Textile Material; Replaced by D2905

D2265-06(2014)

Test Method for Dropping Point of Lubricating Grease Over Wide Temperature Range, **05.01**

D2266-01(2008)

Test Method for Wear Preventive Characteristics of Lubricating Grease (Four-Ball Method), 05.01

D2267

Withdrawn 1992; Test Methods for Aromatics in Light Naphthas, and Aviation Gasolines by Gas Chromatography; Replaced by D4420

D2268-93(2013)

Test Method for Analysis of High-Purity n-Heptane and Isooctane by Capillary Gas Chromatography, **05.01**

D2269-10

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D2270-10^{c1}

Practice for Calculating Viscosity Index from Kinematic Viscosity at 40 and 100°C, 05.01

D2271

Withdrawn 2004; Test Method for Preliminary Examination of Hydraulic Fluids (Wear Test)

D2272-14a

Test Method for Oxidation Stability of Steam Turbine Oils by Rotating Pressure Vessel, **05.01**

D2273-08(2012)

Test Method for Trace Sediment in Lubricating Oils, 05.01

D2274-10

Test Method for Oxidation Stability of Distillate Fuel Oil (Accelerated Method), 05.01

D2275-14

Test Method for Voltage Endurance of Solid Electrical Insulating Materials Subjected to Partial Discharges (Corona) on the Surface, 10.01

D2276-06(2014)

Test Method for Particulate Contaminant in Aviation Fuel by Line Sampling, 05.01

D2277

Withdrawn 1992; Specification for Fiberboard Nail-Base Sheathing

D2278

Withdrawn 2015; Test Method for Field Evaluation of Wood Preservatives in Round Post-Size Specimens

D2279

Withdrawn 1982; Method of Test for Acid Wash Color of Refined Naphthalene

D2280

Withdrawn 1977; Method of Test for Color of Phthalic Anhydride in the Molten State and After Heating; Replaced by D3366

D2281-10

Test Method for Evaluation of Wetting Agents by the Skein Test, **15.04**

D2282

Withdrawn 2006; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe

D2283

Withdrawn 2004; Specification for Chlorinated Aromatic Hydrocarbons (Askarels) for Transformers

D2284-11

Test Method for Acidity of Sulfur Hexafluoride, **10.03**

D2285

Withdrawn 2008; Test Method for Interfacial Tension of Electrical Insulating Oils of Petroleum Origin Against Water by the Drop-Weight Method

D2286

Withdrawn 1981; Recommended Practices for Sampling and Handling Phenol; Replaced by D3852

D2287-12

Specification for Nonrigid Vinyl Chloride Polymer and Copolymer Molding and Extrusion Compounds, **08.01**

D2288

Withdrawn 2010; Test Method for Weight Loss of Plasticizers on Heating

D2289

Withdrawn 1992; Test Method for Tensile Properties of Plastics at High Speeds

D2290-12

Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe, **08.04**

D2291-09

Practice for Fabrication of Ring Test Specimens for Glass-Resin Composites, 08.01

D2292

Withdrawn 1993; Recommended Practice for Compression Molding Test Specimens of Styrene-Butadiene Molding and Extrusion Materials; Replaced by D4703

D2293-96(2008)

Test Method for Creep Properties of Adhesives in Shear by Compression Loading (Metal-to-Metal), **15.06**

D2294-96(2008)

Test Method for Creep Properties of Adhesives in Shear by Tension Loading (Metal-to-Metal), 15.06

D2295-96(2008)

Test Method for Strength Properties of Adhesives in Shear by Tension Loading at Elevated Temperatures (Metal-to-Metal), 15.06

D2296

Withdrawn 2015; Specification for Continuity of Quality of Electrical Insulating Polybutene Oil for Capacitors

D2297

Withdrawn 1990; Specification for Continuity of Quality of Electrical Insulating Mineral Oil for Capacitors and Cable Accessories

D2298

Withdrawn 1987; Method of Test for Stability of Insulating Oils Under Electrical Stress (Merrell Test)

D2299

Withdrawn 1992; Recommended Practice for Determining Relative Stain Resistance of Plastics

D2300-08

Test Method for Gassing of Electrical Insulating Liquids



Under Electrical Stress and Ionization (Modified Pirelli Method), **10.03**

D2301-10

Specification for Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape, 10.01

D2302

Withdrawn 1982; Method of Test for Differential Wet Tracking Resistance of Electrical Insulating Materials with Controlled Water-to-Metal Discharges

D2303-13

Test Methods for Liquid-Contaminant, Inclined-Plane Tracking and Erosion of Insulating Materials, **10.01**

D2304-10

Test Method for Thermal Endurance of Rigid Electrical Insulating Materials, 10.01

D2305-10

Test Methods for Polymeric Films Used for Electrical Insulation, 10.01

D2306

Withdrawn 2006; Test Method for C8 Aromatic Hydrocarbon Analysis by Gas Chromatography

D2307-07a(2013)

Test Method for Thermal Endurance of Film-Insulated Round Magnet Wire, **10.01**

D2308-07(2013)

Specification for Thermoplastic Polyethylene Jacket for Electrical Wire and Cable, 10.01

D2309

Withdrawn 1982; Tests for Rubber Property—Compression Set Induced by Nuclear Radiation

D2310-06(2012)
Classification for Machine-Made “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, **08.03**

D2311

Withdrawn 1992; Specification for Perforated, Homogeneous Bituminized Fiber Drain and Sewer Pipe

D2312

Withdrawn 1992; Specification for Perforated, Homogeneous Bituminized Fiber Drain and Sewer Pipe for Septic Tank Disposal Fields

D2313

Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Drain and Sewer Pipe for Septic Tank Disposal Fields

D2314

Withdrawn 1992; Methods of Testing Homogeneous Bituminized Fiber Pipe

D2315

Withdrawn 1992; Methods of Testing Laminated-Wall Bituminized Fiber Pipe

D2316

Withdrawn 1992; Recommended Practice for Installing Bituminized Fiber Drain and Sewer Pipe

D2317

Withdrawn 1982; Method of Test for Benzene Insoluble (BI) Content of Tar and Pitch

D2318-14^{e1}

Test Method for Quinoline-Insoluble (QI) Content of Tar and Pitch, **05.01**

D2319/D2319M-14^{e1}

Test Method for Softening Point of Pitch (Cube-in-Air Method), 05.01

D2320-98(2012)

Test Method for Density (Relative Density) of Solid Pitch (Pycnometer Method), 05.01

D2321-14^{e1}

Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications, 08.04

D2322-14

Test Method for Resistance of Shoe Upper Leather to Artificial Perspiration, 15.04

D2323

Withdrawn 2003; Specification for Refined Pyridine (1 Degree)

D2324

Withdrawn 1993; Test Method for Carbon Disulfide In Benzene

D2325

Withdrawn 2007; Test Method for Capillary-Moisture Relationships for Coarse- and Medium-Textured Soils by Porous-Plate Apparatus; Replaced by D6386

D2326

Withdrawn 1976; Method of Test for Thermal Conductivity of Cellular Plastics by Means of a Probe

D2327

Withdrawn 1990; Test Method for Mono- and Dioctadecylamines in Water; Replaced by D4983

D2328

Withdrawn 1969; Method for Corrosivity Testing of Industrial Cooling Water (Coupon Test Method); Replaced by D2688

D2329

Withdrawn 1972; Method of Test for Biochemical Oxygen Demand of Industrial Water and Industrial Waste Water

D2330

Withdrawn 2011; Test Method for Methylene Blue Active Substances

D2331-08(2013)

Practices for Preparation and Preliminary Testing of Water-Formed Deposits, **11.02**

D2332-13

Practice for Analysis of Water-Formed Deposits by Wavelength-Dispersive X-Ray Fluorescence, 11.02

D2333

Withdrawn 1987; Method of Test for Thorium in Water

D2334

Withdrawn 1992; Test Methods for Radioactive Iodine in Water

D2335

Withdrawn 1971; Method of Test for Radium-226 in Industrial Water and Industrial Waste Water

D2336

Withdrawn 2008; Guide for Specifying Factory Applied Wood Coatings

D2337-01(2014)

Test Method for Freeze-Thaw Stability of Multicolor Lacquers, **06.01**

D2338-02(2013)

Test Method for Determining Particle Size of Multicolor Lacquers, 06.02

D2339-98(2011)

Test Method for Strength Properties of Adhesives in



Two-Ply Wood Construction in Shear by Tension Loading, 15.06

D2340-13

Test Method for Peroxides in Styrene Monomer, 06.04

D2341

Withdrawn 1990; Specification for Rigid Urethane Foam

D2342

Withdrawn 1980; Method of Test for Determination of Lot-to-Lot Stabilization Uniformity of Propylene Plastics

D2343-09

Test Method for Tensile Properties of Glass Fiber Strands, Yarns, and Rovings Used in Reinforced Plastics, 08.01

D2344/D2344M-13

Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates, 15.03

D2345

Withdrawn 1968; Methods of Test for Interlaminar Shear Strength of Reinforced Plastic Structures at Sub-normal and Supernormal Temperature; Replaced by D3846

D2346-13

Test Method for Apparent Density of Leather, 15.04

D2347-00(2015)

Test Method for Measuring Area of Leather Test Specimens, 15.04

D2348

Withdrawn 2009; Test Method for Arsenic in Paint

D2349-90(2014)

Test Method for Qualitative Determination of Nature of Solvent Composition in Solvent-Reducible Paints, 06.01

D2350-90(2010)

Test Method for Antimony Oxide in White Pigment Separated From Solvent-Reducible Paints, 06.01

D2351-90(2010)

Test Method for Sulfide in White Pigment Separated from Solvent-Reducible Paints, 06.01

D2352-85(2010)

Test Method for Sulfur Dioxide in White Pigment Separated from Solvent-Reducible Paints, 06.01

D2353

Withdrawn 1991; Test Method for Flow Ratings of Organic Coatings Using the Shell Flow Comparator

D2354-10^{e1}

Test Method for Minimum Film Formation Temperature (MFFT) of Emulsion Vehicles, 06.03

D2355

Withdrawn 1987; Recommended Practice for liquid phase evaluation of activated carbon; Replaced by D3860

D2356

Withdrawn 2000; Specification for Phosphate and Silica Containing Scouring Powder Compounds

D2357-11

for Qualitative Classification of Surfactants by Infrared Absorption, 15.04

D2358-89(2009)

Test Method for Separation of Active Ingredient from Surfactant and Syndet Compositions, 15.04

D2359-12

Specification for Refined Benzene-535, 06.04

D2360-11

Test Method for Trace Impurities in Monocyclic Aromatic Hydrocarbons by Gas Chromatography, 06.04

D2361

Withdrawn 2008; Test Method for Chlorine in Coal

D2362

Withdrawn 1971; Method of Test for Total Volatile Content of Expandable Polystyrene Materials

D2363-79(2011)

Test Methods for Hydroxypropyl Methylcellulose, 06.03

D2364-01(2007)^{e1}

Test Methods for Hydroxyethylcellulose, 06.03

D2365

Withdrawn 1982; Method of Test for Calculation of Neutron Dose to Polymeric Materials and Application of Threshold-Foil Measurements; Replaced by E763

D2366

Withdrawn 1989; Method of Accelerated Testing of Moisture Blister Resistance of Exterior House Paints on Wood

D2367

Withdrawn 1978; Definitions of Terms Relating to Fabric Defects (Including Illustrations and Related Material); Replaced by D3990

D2368

Withdrawn 1978; Classification of Man-Made and Natural Fibers; Combined with D 123

D2369-10^{e1}

Test Method for Volatile Content of Coatings, 06.01

D2370-98(2010)

Test Method for Tensile Properties of Organic Coatings, 06.01

D2371-85(2010)

Test Method for Pigment Content of Solvent-Reducible Paints, 06.01

D2372-85(2010)

Practice for Separation of Vehicle From Solvent-Reducible Paints, 06.01

D2373-05(2011)

Test Method for Determination of Cobalt in Paint Driers by EDTA Method, 06.01

D2374-05(2011)

Test Method for Lead in Paint Driers by EDTA Method, 06.01

D2375-05(2011)

Test Method for Manganese in Paint Driers by EDTA Method, 06.01

D2376

Withdrawn 2002; Test Method for Slump of Face Glazing and Bedding Compounds on Metal Sash

D2377-14

Test Method for Tack-Free Time of Caulking Compounds and Sealants, 04.07

D2378-07(2012)

Specification for Formaldehyde 50 % Grade Uninhibited and 37 % Grade Inhibited and Uninhibited, 06.04

D2379-09

Test Method for Acidity of Formaldehyde Solutions, 06.04

D2380-04(2011)

Test Method for Methanol Content of Formaldehyde



Solutions, 06.04

D2381

Withdrawn 2005; Test Methods for Flexible Composite Materials Used for Electrical Insulation

D2382

Withdrawn 1994; Test Method for Heat of Combustion of Hydrocarbon Fuels by Bomb Calorimeter (High-Precision Method); Replaced by D4809

D2383-14

Practice for Testing Plasticizer Compatibility in Poly(Vinyl Chloride) (PVC) Compounds Under Humid Conditions,

08.01

D2384-83(2014)

Test Methods for Traces of Volatile Chlorides in Butane-Butene Mixtures, 05.01

D2385

Withdrawn 1995; Test Method for Hydrogen Sulfide and Mercaptan Sulfur in Natural Gas (Cadmium Sulfate-Iodometric Titration Method)

D2386-06(2012)

Test Method for Freezing Point of Aviation Fuels, **05.01**

D2387

Redesignated 1970- F313; Method of Test for Insoluble Contamination of Hydraulic Fluids

D2388

Redesignated 1970- F302; Method for Field Sampling of Aerospace Fluids

D2389

Withdrawn 2003; Test Method for Minimum Pressure for Vapor Phase Ignition of Monopropellents

D2390

Redesignated 1970- F312; Method of Test for Microscopic Sizing and Counting Particles from Aerospace Fluids on Membrane Filters

D2391

Redesignated 1970- F311; Method of Processing Aerospace Liquid Samples for Particulate Contamination Analysis Using Membrane Filters

D2392-96(2011)

Test Method for Color of Dyed Aviation Gasolines, **05.01**

D2393

Withdrawn 1995; Test Method for Viscosity of Epoxy Resins and Related Components

D2394-05(2011)

Test Methods for Simulated Service Testing of Wood and Wood-Base Finish Flooring, **04.10**

D2395-14

Test Methods for Density and Specific Gravity (Relative Density) of Wood and Wood-Based Materials, 04.10

D2396-94(2012)

Test Methods for Powder-Mix Time of Poly(Vinyl Chloride) (PVC) Resins Using a Torque Rheometer, 08.01

D2397/D2397M-13

Specification for Cationic Emulsified Asphalt, 04.03

D2398

Withdrawn 1985; Test Method for Softening Point of Bitumen in Ethylene Glycol (Ring-and-Ball); Replaced by D36

D2399-12

Practice for Selection of Cutback Asphalts, **04.03**

D2400

Withdrawn 2013; Specification for Varnished Glass-Polyester Cloth Used for Electrical Insulation

D2401

Withdrawn 1992; Test Method for Service Change of Appearance of Pile Floor Coverings

D2402-07(2012)

Test Method for Water Retention of Textile Fibers (Centrifuge Procedure), **07.01**

D2403

Withdrawn 2008; Specification for Refined Phthalic Anhydride-1308

D2404

Withdrawn 1971; Methods of Testing Jute Backing Fabrics

D2405

Withdrawn 1985; Specification for General-Purpose Acrylonitrile-Butadiene/Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244

D2406

Withdrawn 1980; Methods of Testing Flexible Cellular Materials-Molded Urethane Foam; Replaced by D3574

D2407

Withdrawn 1970; Method for Sampling Airborne Particulate Contamination in Clean Rooms for Handling Aerospace Fluids; Redesignated F318

D2408

Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Amino-Silane Type Finishes for Plastic Laminates

D2409

Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Vinyl-Silane Type Finishes for Plastic Laminates

D2410

Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Chrome Complexes, for Plastic Laminates

D2411

Withdrawn 1995; Specification for Cellulose Acetate Butyrate Film and Sheeting for Fabricating and Forming

D2412-11

Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading, **08.00**

D2413-99(2009)

Practice for Preparation of Insulating Paper and Board Impregnated with a Liquid Dielectric, 10.01

D2414-14

Test Method for Carbon Black—Oil Absorption Number (OAN), 09.01

D2415-98(2012)

Test Method for Ash in Coal Tar and Pitch, 05.01

D2416-84(2009)

Test Method for Coking Value of Tar and Pitch (Modified Conradson), 05.01

D2417

Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Pipe for General Drainage

D2418

Withdrawn 1992; Specification for Perforated, Laminated-Wall Bituminized Fiber Pipe for Airport and



Highway Drainage

D2419-14

Test Method for Sand Equivalent Value of Soils and Fine Aggregate, **04.03**

D2420-13

Test Method for Hydrogen Sulfide in Liquefied Petroleum (LP) Gases (Lead Acetate Method), **05.01**

D2421-13

Practice for Interconversion of Analysis of C5 and Lighter Hydrocarbons to Gas-Volume, Liquid-Volume, or Mass Basis, **05.01**

D2422-97(2013)

Classification of Industrial Fluid Lubricants by Viscosity System, **05.01**

D2423-90(2012)^{e1}

Test Method for Surface Wax on Waxed Paper or Paperboard, **05.01**

D2424

Withdrawn 1985; Method of Test for Hydrocarbon Types in Propylene Polymer by Mass Spectrometry
D2425-04(2009)

Test Method for Hydrocarbon Types in Middle Distillates by Mass Spectrometry, **05.01**

D2426-93(2014)

Test Method for Butadiene Dimer and Styrene in Butadiene Concentrates by Gas Chromatography, **05.01**

D2427-06(2011)

Test Method for Determination of C2 through C5 Hydrocarbons in Gasolines by Gas Chromatography, **05.01**

D2428

Withdrawn 1997; Test Method for Simulative Recirculating System Testing of Aerospace Hydraulic Fluids
D2429

Withdrawn 1970; Methods of Sampling Aerospace Fluids from Components; Redesignated F303

D2430

Withdrawn 1970; Test Methods for Identification of Metallic and Fibrous Contaminants in Aerospace Fluids; Redesignated F314

D2431

Withdrawn 1979; Specification for Refined Naphthalene-798

D2432

Withdrawn 1985; Specification for Heavy-Duty Acrylonitrile-Butadiene Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244

D2433

Withdrawn 2012; Test Methods for Rubber Thread
D2434

Withdrawn 2015; Test Method for Permeability of Granular Soils (Constant Head)

D2435/D2435M-11

Test Methods for One-Dimensional Consolidation Properties of Soils Using Incremental Loading, **04.08**

D2436

Withdrawn 1994; Specification for Forced-Convection Laboratory Ovens for Electrical Insulation; Replaced by D5374, D5423

D2437

Redesignated 1970- F301; Method for Open-Bottle Tap

Sampling of Noncryogenic Fluid Systems

D2438

Withdrawn 1995; Test Method for Silica in Cellulose
D2439-12

Specification for Refined Phenol, **06.04**

D2440-13

Test Method for Oxidation Stability of Mineral Insulating Oil, **10.03**

D2441

Withdrawn 2000; Test Method for Hydrolyzable Chlorine Compounds in Chlorinated Aromatic Hydrocarbons (Askarels) by Refluxing

D2442-75(2012)

Specification for Alumina Ceramics for Electrical and Electronic Applications, **15.02**

D2443

Withdrawn 2000; Test Methods for Lacing Twines and Tapes Used as Harnesses in Electrical Equipment
D2444-99(2010)

Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight), **08.04**

D2445

Withdrawn 1987; Test Method for Thermal Oxidative Stability of Propylene Plastics; Replaced by D3012
D2446

Withdrawn 1986; Specification for Cellulose Acetate Butyrate (CAB) Plastic Pipe (SDR-PR) and Tubing
D2447

Withdrawn 2010; Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter

D2448-85(2012)

Test Method for Water-Soluble Salts in Pigments by Measuring the Specific Resistance of the Leachate of the Pigment, **06.03**

D2449-88(2011)

Specification for Rubber Bales From Natural Sources Limit on Coating, **09.01**

D2450

Withdrawn 2002; Test Method for Bond of Oil- and Resin-Base Caulking Compounds
D2451

Withdrawn 2002; Test Method for Degree of Set for Glazing Compounds on Metal Sash

D2452-15

Test Method for Extrudability of Oil- and Resin-Base Caulking Compounds, **04.07**

D2453-15

Test Method for Shrinkage and Tenacity of Oil- and Resin-Base Caulking Compounds, **04.07**

D2454-14

Practice for Determining the Effect of Overbaking on Organic Coatings, **06.01**

D2455

Withdrawn 2005; Test Method for Identification of Carboxylic Acids in Alkyd Resins

D2456

Withdrawn 2006; Test Method for Identification of Polyhydric Alcohols in Alkyd Resins

D2457-13

Test Method for Specular Gloss of Plastic Films and Solid



Plastics, **08.01**

D2458

Withdrawn 1982; Method for Flow Measurement of Industrial Water and Industrial Waste Water by the Venturi Meter Tube

D2459

Withdrawn 1987; Test Method for Gamma Spectrometry of Industrial Water and Industrial Waste Water

D2460-07(2013)

Test Method for Alpha-Particle-Emitting Isotopes of Radium in Water, **11.02**

D2461

Withdrawn 1988; Test Method for Iron-59 in Water

D2462-13

Test Method for Moisture in Wool by Distillation With Toluene, **07.01**

D2463-15

Test Method for Drop Impact Resistance of Blow-Molded Thermoplastic Containers, 08.01

D2464-13

Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, 08.04

D2465

Withdrawn 1986; Specification for Threaded Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 80

D2466-13

Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40, **08.04**

D2467-13a

Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, 08.04

D2468

Withdrawn 2003; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40

D2469

Withdrawn 1986; Specification for Socket-Type Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 80

D2470

Withdrawn 1989; Method of Measurement of Delayed Neutron-Emitting Fission Products in Nuclear Reactor Coolant Water During Reactor Operation

D2471

Withdrawn 2008; Practice for Gel Time and Peak Exothermic Temperature of Reacting Thermosetting Resins

D2472-00(2014)

Specification for Sulfur Hexafluoride, **10.03**

D2473

Withdrawn 1983; Specification for Polycarbonate Molding, Extrusion, and Casting Materials; Replaced by D3935

D2474

Withdrawn 1999; Specification for Vinyl Chloride Copolymer Resins

D2475-01(2013)

Specification for Felt, **07.01**

D2476

Withdrawn 1992; Test Method for Tritium in Water; Replaced by D4107

D2477-07(2012)

Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Insulating Gases at Commercial Power Frequencies, **10.03**

D2478

Withdrawn 1978; Definitions of Terms Relating to Nails for Use with Wood and Wood-Base Materials; Replaced by F547

D2479

Withdrawn 1969; Test Method for Length Distribution of Cotton Fibers by the Short Method Array

D2480

Withdrawn 1992; Test Method for Maturity Index and Linear Density of Cotton Fibers by the Causticaire Method

D2481

Withdrawn 2014; Test Method for Accelerated Evaluation of Wood Preservatives for Marine Services by Means of Small Size Specimens

D2482

Withdrawn 2010; Test Method for Surface Strength of Paper (Wax Pick Method)

D2483

Withdrawn 1972; Test Method for Silicone Grit Content of Paper and Paper Products

D2484-06(2012)^{e1}

Specification for Polyester Film Pressure-Sensitive Electrical Insulating Tape, **10.01**

D2485-91(2013)

Test Methods for Evaluating Coatings For High Temperature Service, 06.01

D2486-06(2012)^{e1}

Test Methods for Scrub Resistance of Wall Paints, 06.02

D2487-11

Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), 04.08

D2488-09a

Practice for Description and Identification of Soils (Visual-Manual Procedure), 04.08

D2489/D2489M-08

Practice for Estimating Degree of Particle Coating of Bituminous-Aggregate Mixtures, 04.03

D2490

Withdrawn 1976; Method of Test for Tumbler Test for Small Coke; Replaced by D3402

D2491

Withdrawn 1981; Test Method for Staple Crimp in Grease Wool Locks

D2492-02(2012)

Test Method for Forms of Sulfur in Coal, **05.06**

D2493/D2493M-09

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D2494-13

Test Method for Commercial Mass of a Shipment of Yarn or Manufactured Staple Fiber or Tow, 07.01

D2495-07(2012)

Test Method for Moisture in Cotton by Oven-Drying, 07.01

D2496

Withdrawn 1987; Test Method for Seed Coat Fragments and Funiculi in Cotton Fiber Samples



- D2497-07(2012)
Tolerances for Manufactured Organic-Base Filament Single Yarns, **07.01**
- D2498**
Withdrawn 1984; Test Method for Isomer Distribution of Straight-Chain Detergent Alkylate by Mass Spectrometry D2499
Redesignated 1970- F316; Test Method for Pore Size Characteristics of Membrane Filters for Use with Aerospace Fluids
- D2500-11
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- D2501-14**
Test Method for Calculation of Viscosity-Gravity Constant (VGC) of Petroleum Oils, 05.01
- D2502-14**
Test Method for Estimation of Mean Relative Molecular Mass of Petroleum Oils from Viscosity Measurements, 05.01
- D2503-92(2012)**
Test Method for Relative Molecular Mass (Molecular Weight) of Hydrocarbons by Thermoelectric Measurement of Vapor Pressure, 05.01
- D2504-88(2010)**
Test Method for Noncondensable Gases in C₂ and Lighter Hydrocarbon Products by Gas Chromatography, 05.01
- D2505-88(2010)**
Test Method for Ethylene, Other Hydrocarbons, and Carbon Dioxide in High-Purity Ethylene by Gas Chromatography, 05.01
- D2506**
Withdrawn 1998; Terminology Relating to Solid Rocket Propulsion
- D2507
Withdrawn 2003; Terminology of Rheological Properties of Gelled Rocket Propellants
- D2508
Withdrawn 2003; Test Method for Solid Rocket Propellant Specific Impulse Measurements
- D2509-03(2008)
Test Method for Measurement of Load-Carrying Capacity of Lubricating Grease (Timken Method), **05.01**
- D2510-94(2012)**
Test Method for Adhesion of Solid Film Lubricants, 05.01
- D2511-93(2014)**
Test Method for Thermal Shock Sensitivity of Solid Film Lubricants, 05.01
- D2512-95(2008)**
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- D2513-14^{c1}**
Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings, 08.04
- D2514**
Withdrawn 1977; Tolerances for Fabrics Woven from All-Cotton or from Cotton Man-Made Fiber Blends
- D2515
Redesignated 1977- D446; Specification for Kinematic Glass Capillary Viscometers
- D2516
Withdrawn 1979; Recommended Practice for Nomenclature for Rubber-Grade Carbon Blacks; Replaced by D1765
- D2517-06(2011)
Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings, **08.03**
- D2518**
Withdrawn 2013; Specification for Woven Glass Fabrics for Electrical Insulation
- D2519-07(2012)
Test Method for Bond Strength of Electrical Insulating Varnishes by the Helical Coil Test, **10.02**
- D2520-13**
Test Methods for Complex Permittivity (Dielectric Constant) of Solid Electrical Insulating Materials at Microwave Frequencies and Temperatures to 1650°C, 10.02
- D2521/D2521M-76(2014)^{c1}**
Specification for Asphalt Used in Canal, Ditch, and Pond Lining, 04.04
- D2522-03(2008)^{c2}**
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- D2523-13**
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- D2524-13**
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- D2525-13**
Practice for Sampling Wool for Moisture, 07.01
- D2526**
Withdrawn 2006; Specification for Ozone-Resisting Silicone Rubber Insulation for Wire and Cable
- D2527-83(2011)
Specification for Rubber Seals—Splice Strength, **09.02**
- D2528**
Withdrawn 1975; Method of Test for Dirt in Casein and Isolated Soy Protein
- D2529
Withdrawn 1985; Method of Test for Bursting Strength of Paperboard and Linerboard
- D2530
Withdrawn 1989; Specification for Nonoriented Polypropylene Plastic Film
- D2531
Withdrawn 1980; Specification for Phenoxy Plastics Molding and Extrusion Materials
- D2532-10
Test Method for Viscosity and Viscosity Change After Standing at Low Temperature of Aircraft Turbine Lubricants, **05.01**
- D2533**
Withdrawn 2008; Test Method for Vapor-Liquid Ratio of Spark-Ignition Engine Fuels
- D2534-88(2012)
Test Method for Coefficient of Kinetic Friction for Wax Coatings, **05.01**
- D2535**



Redesignated 1970- F304; Method of Sampling for Particulates from Aerospace Components with Convolutes

D2536

Redesignated F305

D2537

Redesignated F306

D2538-02(2010)

Practice for Fusion of Poly(Vinyl Chloride) (PVC) Compounds Using a Torque Rheometer, **08.01**

D2539

Withdrawn 2003; Test Method for Shock Sensitivity of Liquid Monopropellants by the Card-Gap Test

D2540

Withdrawn 2003; Test Method for Drop-Weight Sensitivity of Liquid Monopropellants

D2541

Withdrawn 2003; Test Method for Critical Diameter and Detonation Velocity of Liquid Monopropellants

D2542

Redesignated F309

D2543

Redesignated F310

D2544

Redesignated F307

D2545

Withdrawn; Method of Sampling for Particulates From Aerospace Components or System (Gas Blow-Down Method)

D2546

Redesignated F315

D2547

Withdrawn 1991; Test Method for Lead in Gasoline

D2548

Withdrawn 1979; Method of Test for Analysis of Oil Soluble Petroleum Sulfonates by Liquid Chromatography; Replaced by D3712

D2549-02(2012)

Test Method for Separation of Representative Aromatics and Nonaromatics Fractions of High-Boiling Oils by Elution Chromatography, **05.01**

D2550

Withdrawn 1991; Test Method for Water Separation Characteristics of Aviation Turbine Fuels

D2551

Withdrawn 1989; Test Method for Vapor Pressure of Petroleum Products

D2552

Withdrawn 1987; Method of Test for Environmental Stress Rupture of Type III Polyethylenes Under Constant Tensile Load

D2553

Withdrawn 1992; Test Method for Detecting Odor of Drycleaning Detergent on a Drycleaned Garment

D2554

Withdrawn 1992; Test Method for Flash Point of Drycleaning Detergents in the Drycleaning Bath

D2555-06(2011)

Practice for Establishing Clear Wood Strength Values, **04.10**

D2556-14

Test Method for Apparent Viscosity of Adhesives

Having Shear-Rate-Dependent Flow Properties Using Rotational Viscometry, 15.06

D2557-98(2010)^{e1}

Test Method for Tensile-Shear Strength of Adhesives in the Subzero Temperature Range from -267.8 to -55°C (-450 to -67°F), 15.06

D2558

Withdrawn 1992; Test Method for Evaluating Peel Strength of Shoe Sole-Attaching Adhesives

D2559-12a

Specification for Adhesives for Bonded Structural Wood Products for Use Under Exterior Exposure Conditions, **15.06**

D2560

Withdrawn 1987; Specification for Solvent Cements for Cellulose Acetate Butyrate (CAB) Plastic Pipe, Tubing, and Fittings

D2561-12

Test Method for Environmental Stress-Crack Resistance of Blow-Molded Polyethylene Containers, **08.01**

D2562-94(2008)

Practice for Classifying Visual Defects in Parts Molded from Reinforced Thermosetting Plastics, 08.01

D2563-08

Practice for Classifying Visual Defects in Glass-Reinforced Plastic Laminate Parts, 08.01

D2564-12

Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems, 08.04

D2565-99(2008)

Practice for Xenon-Arc Exposure of Plastics Intended for Outdoor Applications, 08.01

D2566

Withdrawn 1993; Test Method for Linear Shrinkage of Cured Thermosetting Casting Resins During Cure

D2567

Withdrawn 1984; Molecular Distribution Analysis for Monoalkylbenzenes by Mass Spectrometry

D2568

Withdrawn 1980; Recommended Practice for Calculation of Absorbed Dose from Gamma Radiation; Replaced by E665

D2569

Withdrawn 2006; Test Method for Distillation of Pitch

D2570-10

Test Method for Simulated Service Corrosion Testing of Engine Coolants, **15.05**

D2571

Withdrawn 2003; Guide for Testing Wood Furniture Lacquers

D2572-97(2010)

Test Method for Isocyanate Groups in Urethane Materials or Prepolymers, **06.03**

D2573-08

Test Method for Field Vane Shear Test in Cohesive Soil, 04.08

D2574-06(2012)

Test Method for Resistance of Emulsion Paints in the Container to Attack by Microorganisms, 06.01

D2575

Withdrawn 2007; Methods of Testing Polymerized Fatty



Acids

D2576

Withdrawn 1981; Method of Test for Metals in Water and Waste Water by Atomic Absorption Spectrophotometry

D2577

Withdrawn 1989; Test Method for Radioactive Cesium in Water

D2578-09

Test Method for Wetting Tension of Polyethylene and Polypropylene Films, **08.01**

D2579

Withdrawn 2002; Test Method for Total Organic Carbon in Water

D2580-06(2012)

Test Method for Phenols in Water by Gas-Liquid Chromatography, **11.02**

D2581-09

Classification System for Polybutylene (PB) Plastics Molding and Extrusion Materials, 08.01

D2582-09

Test Method for Puncture-Propagation Tear Resistance of Plastic Film and Thin Sheeting, 08.01

D2583-13a

Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor, 08.01

D2584-11

Test Method for Ignition Loss of Cured Reinforced Resins, 08.01

D2585

Withdrawn 1996; Test Method for Preparation and Tension Testing of Filament-Wound Pressure Vessels

D2586

Withdrawn 1996; Test Method for Hydrostatic Compressive Strength of Glass-Reinforced Plastic Cylinders

D2587

Withdrawn 1990; Test Method for Acetone Extraction and Ignition of Glass Fiber Strands

D2588

Withdrawn 1972; Method of Test for Standard Plate Count of Casein and Isolated Soy Protein

D2589/D2589M-88(2011)^{e1}

Test Method for McNett Wet Classification of Dual Asbestos Fiber, **04.05**

D2590/D2590M-98(2011)^{e1}

Test Method for Sampling Chrysotile Asbestos, 04.05

D2591-07(2013)

Test Method for Linear Density of Elastomeric Yarns (Short Length Specimens), 07.01

D2592

Withdrawn 1972; Method of Test for Sieve Analysis of Casein and Isolated Soy Protein

D2593-93(2014)

Test Method for Butadiene Purity and Hydrocarbon Impurities by Gas Chromatography, **05.01**

D2594-04(2012)

Test Method for Stretch Properties of Knitted Fabrics Having Low Power, 07.01

D2595-96(2008)^{e1}

Test Method for Evaporation Loss of Lubricating Greases Over Wide-Temperature Range, 05.01

D2596-10^{e1}

Test Method for Measurement of Extreme-Pressure Properties of Lubricating Grease (Four-Ball Method), 05.01

D2597-10

Test Method for Analysis of Demethanized Hydrocarbon Liquid Mixtures Containing Nitrogen and Carbon Dioxide by Gas Chromatography, 05.01

D2598-12

Practice for Calculation of Certain Physical Properties of Liquefied Petroleum (LP) Gases from Compositional Analysis, 05.01

D2599

Withdrawn 1993; Methods of Test for Lead in Gasoline by X-ray Spectrometry

D2600

Withdrawn 1992; Test Method for Aromatic Traces in Light Saturated Hydrocarbons by Gas Chromatography; Replaced by D4420

D2601

Withdrawn 1985; Test Method for Hydrocarbon Types in Propylene Tetramer by Low Ionizing Voltage Mass Spectrometry

D2602

Withdrawn 1993; Apparent Viscosity of Engine Oils at Low Temperature Using the Cold-Cranking Simulator; Replaced by D5293

D2603-01(2013)

Test Method for Sonic Shear Stability of Polymer-Containing Oils, **05.01**

D2604

Withdrawn 2006; Specification for High-Boiling Hydrocarbon Solvent for Preparing Oil-Borne Preservative Solutions

D2605

Withdrawn 1993; Specification for Volatile Petroleum Solvent (LPG) for Preparing Pentachlorophenol Solutions

D2606

Withdrawn 2006; Test Method for Solubility of Pentachlorophenol in Heavy Hydrocarbon Solvents

D2607

Withdrawn 1992; Classification of Peats, Mosses, Humus, and Related Products

D2608

Withdrawn 1990; Test Method for Copper in Electrical Insulating Oils by Photometric Analysis

D2609-02(2008)

Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe, **08.04**

D2610

Withdrawn 1979; Specification for Butt Fusion Polyethylene (PE) Plastic Pipe Fittings, Schedule 40; Replaced by D3261

D2611

Withdrawn 1979; Specification for Butt Fusion Polyethylene (PE) Plastic Pipe Fittings, Schedule 80; Replaced by D3261

D2612-99(2011)

Test Method for Fiber Cohesion in Sliver and Top (Static Tests), **07.01**

D2613-01(2012)

Test Method for Calcium or Zinc in Paint Driers by EDTA Method, 06.01

**D2614**

Withdrawn 1971; Method of Test for Giding Poer of Chromatic Paints; Replaced by D2805

D2615

Withdrawn 1981; Method of Test for Free Yoluene Dii-socyanate in Urethane Polymers by Distillation; Replaced by D3432

D2616-12

Test Method for Evaluation of Visual Color Difference With a Gray Scale, **06.01**

D2617-12

Test Method for Total Ash in Leather, 15.04

D2618

Withdrawn 1984; Method of Test for Pressure Blocking and Picking Points of Petroleum Wax

D2619-09(2014)

Test Method for Hydrolytic Stability of Hydraulic Fluids (Beverage Bottle Method), **05.01**

D2620

Withdrawn 2001; Test Method for Light Stability of Clear Coatings

D2621-87(2011)

Test Method for Infrared Identification of Vehicle Solids From Solvent-Reducible Paints, **06.01**

D2622-10

Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry, 05.01

D2623

Withdrawn 1991; Test Method for Knock Characteristics of Liquefied Petroleum (LP) Gases by the Motor (LP) Method

D2624-09

Test Methods for Electrical Conductivity of Aviation and Distillate Fuels, **05.01**

D2625-94(2010)

Test Method for Endurance (Wear) Life and Load-Carrying Capacity of Solid Film Lubricants (Falex Pin and Vee Method), 05.01

D2626/D2626M-04(2012)^{e1}

Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing, 04.04

D2627-08(2012)

Specification for Diacetone Alcohol, 06.04

D2628-91(2011)

Specification for Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements, 04.03

D2629

Withdrawn 1977; Specification for Hot Mixed, Hot Laid Emulsified Asphalt Paving Mixtures; Replaced by D3515

D2630

Withdrawn 1990; Test Method for Rubber Property—Adhesion to Fabrics (Strap Peel Test); Replaced by D4393, D4776, D4777

D2631

Withdrawn 1985; Methods for Testing Paper by Direct-Voltage Life Testing of Capacitors

D2632-14

Test Method for Rubber Property—Resilience by Vertical Rebound, **09.01**

D2633-13a

Test Methods for Thermoplastic Insulations and Jack-

ets for Wire and Cable, 10.02

D2634-07(2013)

Specification for Methyl Amyl Acetate (95 % Grade), 06.04

D2635-07(2012)

Specification for Methyl Isobutyl Carbinol, 06.04

D2636-07(2012)

Specification for Hexylene Glycol, 06.04

D2637

Withdrawn 1972; Specification for Hexyl Acetate

D2638-10

Test Method for Real Density of Calcined Petroleum Coke by Helium Pycnometer, **05.01**

D2639/D2639M-13

Test Method for Plastic Properties of Coal by the Constant-Torque Gieseler Plastometer, 05.06

D2640

Withdrawn 1973; Method of Test for Drop Shatter Test for Large Coke; Replaced by D3038

D2641

Withdrawn 1995; Test Method for Chlorine in Cellulose

D2642

Withdrawn 1972; Method of Test for Viscosity of Casein and Isolated Soy Protein

D2643/D2643M-08(2013)^{e1}

Specification for Prefabricated Bituminous Geomembrane Used as Canal and Ditch Liner (Exposed Type), **04.13**

D2644-12

Tolerances for Yarns Spun on the Woolen System, 07.01

D2645-07(2012)

Tolerances for Yarns Spun on the Cotton or Worsted Systems, 07.01

D2646-11

Test Methods for Backing Fabric Characteristics of Pile Yarn Floor Coverings, 07.01

D2647-10

Specification for Crosslinkable Ethylene Plastics, 08.01

D2648

Withdrawn 1977; Recommended Practice for Measuring Time to Failure by Rupture of Plastics Under Tension in Various Environments; Replaced by D2990

D2649-04(2014)

Test Method for Corrosion Characteristics of Solid Film Lubricants, **05.01**

D2650-10

Test Method for Chemical Composition of Gases by Mass Spectrometry, 05.01

D2651-01(2008)

Guide for Preparation of Metal Surfaces for Adhesive Bonding, 15.06

D2652-11

Terminology Relating to Activated Carbon, 15.01

D2653-07(2012)

Test Method for Tensile Properties of Elastomeric Yarns (CRE Type Tensile Testing Machines), 07.01

D2654

Withdrawn 1998; Test Methods for Moisture in Textiles

D2655-12

Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 0 to 2000 V, **10.02**



- D2656-13**
Specification for Crosslinked Polyethylene Insulation for Wire and, 10.02
- D2657-07**
Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings, 08.04
- D2658-04(2013)**
Test Method for Determining Interior Dimensions of Fiberboard Boxes (Box Gage Method), 15.10
- D2659-11**
Test Method for Column Crush Properties of Blown Thermoplastic Containers, 08.01
- D2660**
Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Acrylic-Silane Type Finishes, for Plastic Laminates
- D2661-11**
Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings, 08.04
- D2662**
Withdrawn 2003; Specification for Polybutylene (PB) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
- D2663-14**
Test Methods for Carbon Black—Dispersion in Rubber, 09.01
- D2664**
Withdrawn 2005; Test Method for Triaxial Compressive Strength of Undrained Rock Core Specimens Without Pore Pressure Measurements; Replaced by D7012
- D2665-14**
Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings, 08.04
- D2666**
Withdrawn 2005; Specification for Polybutylene (PB) Plastic Tubing
- D2667**
Withdrawn 2013; Test Method for Biodegradability of Alkylbenzene Sulfonates
- D2668-07(2013)**
Test Method for 2,6-di-tert-Butyl- p-Cresol and 2,6-di-tert-Butyl Phenol in Electrical Insulating Oil by Infrared Absorption, 10.03
- D2669-06(2012)^{c1}**
Test Method for Apparent Viscosity of Petroleum Waxes Compounded with Additives (Hot Melts), 05.01
- D2670-95(2010)**
Test Method for Measuring Wear Properties of Fluid Lubricants (Falex Pin and Vee Block Method), 05.01
- D2671-13**
Test Methods for Heat-Shrinkable Tubing for Electrical Use, 10.02
- D2672-96a(2009)**
Specification for Joints for IPS PVC Pipe Using Solvent Cement, 08.04
- D2673-14**
Specification for Oriented Polypropylene Film, 08.01
- D2674-72(2012)**
Methods of Analysis of Sulfochromate Etch Solution Used in Surface Preparation of Aluminum, 15.06
- D2675**
Withdrawn 1985; Method of Test for Copper in Insulating Oils Spectrochemically by the Solution-Rotating Disk Method
- D2676**
Redesignated G22
- D2677**
Withdrawn 1986; Method of Test for Lightability of Barbecue Briquets
- D2678**
Withdrawn 1991; Practice for Spinning Tests on the Cotton System for Measurement of Yarn Properties
- D2679**
Withdrawn 1980; Method of Test for Electrostatic Charge; Replaced by D4470
- D2680-01(2014)**
Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping, 08.04
- D2681**
Withdrawn 1972; Method of Test for Lead in the Atmosphere
- D2682**
Withdrawn 1979; Method of Test for Polynuclear Aromatic Hydrocarbons in Air Particulate Matter
- D2683-10^{c3}**
Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing, 08.04
- D2684-10**
Test Method for Permeability of Thermoplastic Containers to Packaged Reagents or Proprietary Products, 08.01
- D2685-11**
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- D2686-06(2012)**
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- D2687-95(2007)^{c1}**
Practices for Sampling Particulate Ion-Exchange Materials, 11.02
- D2688-11**
Test Method for Corrosivity of Water in the Absence of Heat Transfer (Weight Loss Method), 11.01
- D2689**
Withdrawn 2008; Practices for Testing Alkyd Resins
- D2690**
Withdrawn 2007; Test Method for Isophthalic Acid in Alkyd and Polyester Resins
- D2691**
Withdrawn 1993; Test Method for Microscopical Measurement of Dry Film Thickness of Coatings on Wood Products; Replaced by D5235
- D2692/D2692M-15**
Test Method for Air Permeability of Tire Fabrics, Tire Cord Fabrics, Tire Cord, and Yarns, 07.01
- D2693-07(2012)**
Specification for Ethylene Glycol, 06.04
- D2694-05(2011)**
Specification for Diethylene Glycol, 06.04
- D2695**
Withdrawn 1991; Specification for Propylene Glycol



D2696

Withdrawn 1991; Specification for Dipropylene Glycol
D2697-03(2014)

Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings, **06.01**

D2698-05(2010)

Test Method for Determination of the Pigment Content of Solvent-Reducible Paints by High-Speed Centrifuging, 06.01

D2699-13b

Test Method for Research Octane Number of Spark-Ignition Engine Fuel, 05.05

D2700-14

Test Method for Motor Octane Number of Spark-Ignition Engine Fuel, 05.05

D2701

Withdrawn 1977; Method for Chemical Analysis for Aluminum Oxide Content of Titanium Dioxide Pigments; Replaced by D1394

D2702-05(2011)

Practice for Rubber Chemicals—Determination of Infrared Absorption Characteristics, **09.01**

D2703

Withdrawn 2000; Practice for Rubber Chemicals—Determination of Ultraviolet Absorbance Characteristics
D2704

Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Cepar Cure Meter
D2705

Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Oscillating Disc Rheometer Cure Meter

D2706

Withdrawn 1973; Method of Test for Measurement of Curing Characteristics with the Viscometer Cure Meter
D2707

Withdrawn 1989; Test Method for Hard Rubber in Tension

D2708

Withdrawn 1985; Specification for Extra-Heavy-Duty Acrylonitrile-Butadiene/Poly(Vinyl Chloride)(NBR/PVC) Jacket for Wire and Cable; Replaced by D4244
D2709-96(2011)^{e1}

Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge, **05.01**

D2710-09(2013)

Test Method for Bromine Index of Petroleum Hydrocarbons by Electrometric Titration, 05.01

D2711-11

Test Method for Demulsibility Characteristics of Lubricating Oils, 05.01

D2712-91(2010)

Test Method for Hydrocarbon Traces in Propylene Concentrates by Gas Chromatography, 05.01

D2713-13

Test Method for Dryness of Propane (Valve Freeze Method), 05.01

D2714-94(2014)

Test Method for Calibration and Operation of the Falex Block-on-Ring Friction and Wear Testing Machine, 05.01

D2715-92(2012)

Test Method for Volatilization Rates of Lubricants in Vacuum, 05.01

D2716

Withdrawn 1982; Method of Test for Coefficient of Friction and Wear Characteristics of Solid Film Lubricants in Vacuum and Other Controlled Atmospheres

D2717-95(2009)

Test Method for Thermal Conductivity of Liquids, **05.01**

D2718-00(2011)

Test Methods for Structural Panels in Planar Shear (Rolling Shear), 04.10

D2719-13

Test Methods for Structural Panels in Shear Through-the-Thickness, 04.10

D2720-94(2012)^{e1}

Practice for Calculation of Commercial Weight and Yield of Scoured Wool, Top, and Noil for Various Commercial Compositions, 07.01

D2721

Withdrawn 1989; Method of Test for Effects of Dry-cleaning on Permanence of Durable Water-Repellent Finish

D2722

Withdrawn 1976; Method of Test for Knock Characteristics of Motor Fuels Using the Compression Ratio (CR) Technique for Research Ratings; Replaced by D2699

D2723

Withdrawn 1976; Method of Test for Characteristics of Motor Fuels Using the Compression Ratio (CR) Technique for Motor Ratings; Replaced by D2700

D2724-07(2015)

Test Methods for Bonded, Fused, and Laminated Apparel Fabrics, **07.01**

D2725

Withdrawn 1996; Test Method for Hydrogen Sulfide in Natural Gas (Methylene Blue Method)

D2726/D2726M-14

Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures, **04.03**

D2727

Withdrawn 1979; Test for Coating and Resistance to Stripping of Bituminous-Aggregate Mixtures Containing Adhesion Promoting Agents

D2728-98(2014)

Practice for Paving Uses and Application Temperatures for Road Tars, **04.03**

D2729-11

Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, 08.04

D2730

Withdrawn 1987; Method for Sag Flow of Highly Viscous Materials

D2731-15

Test Method for Elastic Properties of Elastomeric Yarns (CRE Type Tensile Testing Machines), **07.01**

D2732-14

Test Method for Unrestrained Linear Thermal Shrinkage of Plastic Film, 08.01

D2733

Withdrawn 1981; Method of Test for Interlaminar Shear Strength of Structural reinforced Plastics at Elevated Temperatures; Replaced by D3846



D2734-09

Test Methods for Void Content of Reinforced Plastics,

08.01

D2735

Withdrawn 1985; Practice for Determination of Effect of Cyclic Immersion of Syntactic Foam at Pressure

D2736

Withdrawn 1985; Practice for Determination of Hydrostatic Compressive strength of Syntactic Foam

D2737-12a

Specification for Polyethylene (PE) Plastic Tubing, **08.04**

D2738

Withdrawn 1982; Test Method for Bursting Strength of Corrugated and Solid Fiberboard; Replaced by TAPPI T 810

D2739-97(2010)

Test Method for Volume Resistivity of Conductive Adhesives, **15.06**

D2741

Withdrawn 2011; Test Method for Susceptibility of Polyethylene Bottles to Soot Accumulation

D2742

Withdrawn 1990; Methods for Chemical Analysis of Tribasic Lead Phosphosilicate

D2743

Withdrawn 2015; Practices for Uniformity of Traffic Paint Vehicle Solids by Spectroscopy and Gas Chromatography,

D2744

Withdrawn 1987; Specification for Tribasic Lead Phosphosilicate

D2745-00(2008)

Test Method for Relative Tinting Strength of White Pigments by Reflectance Measurements, **06.01**

D2746-07(2013)

Test Method for Staining Tendency of Asphalt (Stain Index), 04.04

D2747

Withdrawn 1986; Method of Test for Trace Quantities of Total Sulfur in Volatile Organic Liquids (Oxy-Hydrogen Combustion Method)

D2748

Withdrawn 1987; Method of Test for Pyridine Bases in Tar Acids; Replaced by D4471

D2749-13

Symbols for Dimensions of Plastic Pipe Fittings, **08.04**

D2750

Withdrawn 1997; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastics Utilities Conduit and Fittings

D2751

Withdrawn 2014; Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings D2752/D2752M-88(2011)^{e1}

Test Methods for Air Permeability of Asbestos Fibers,

04.05

D2753

Withdrawn 1993; Specification for Electrolytic Capacitor Paper

D2754-10

Specification for High-Temperature Glass Cloth Pressure-Sensitive Electrical Insulating Tape, **10.02**

D2755

Withdrawn 2003; Test Method of Sampling and Reduction to Test Weight of Electrical Grade Magnesium Oxide D2756-07(2012)

Test Method for Weight Loss of Electrical Insulating Varnishes, **10.02**

D2757

Withdrawn 2001; Specification for Impervious Steatite Ceramics for Electrical and Electronic Applications D2758-94(2009)

Test Method for Engine Coolants by Engine Dynamometer, **15.05**

D2759-00(2010)

Practice for Sampling Gas from a Transformer Under Positive Pressure, 10.03

D2760

Withdrawn 2000; Test Method for Analysis of Sodium Triphosphate by the Simplified Paper Chromatographic Method

D2761

Withdrawn 2001; Test Method for Analysis of Sodium Triphosphate by the Simplified Ion Exchange Method D2762

Withdrawn 1992; Specification for Drycleaning Detergent, Non-Charge Type

D2763

Withdrawn 1993; Specification for Drycleaning Detergent, Liquid Charge Type

D2764-99(2009)

Test Method for Dimethylformamide-Insoluble (DMF-I) Content of Tar and Pitch, **05.01**

D2765-11

Test Methods for Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics, 08.01

D2766-95(2009)

Test Method for Specific Heat of Liquids and Solids, 05.01

D2767

Redesignated F317

D2768

Withdrawn 2007; Specification for General-Purpose Ethylene-Propylene Rubber Jacket for Wire and Cable

D2769

Withdrawn 1987; Method of Testing Rubber Hose Used for Liquefied Petroleum Gas Extractable Material

D2770

Withdrawn 2007; Specification for Ozone-Resisting Ethylene-Propylene Rubber Integral Insulation and Jacket for Wire and Cable

D2771

Withdrawn 2003; Test Methods for Compaction Density of Electrical Grade Magnesium Oxide

D2772

Withdrawn 2003; Test Method for Sieve Analysis of Electrical Grade Magnesium Oxide

D2773

Withdrawn 2003; Test Method for Loss on Ignition of Electrical Grade Magnesium Oxide

D2774-12

Practice for Underground Installation of Thermoplastic Pressure Piping, **08.04**

D2775



Withdrawn 1975; Method of Test for Insolubles in Casein
D2776

Withdrawn 1991; Test Methods for Corrosivity of Water in the Absence of Heat Transfer (Electrical Methods); Replaced by G96
D2777-13

Practice for Determination of Precision and Bias of Applicable Test Methods of Committee D19 on Water, **11.01 D2778**

Withdrawn 1982; Method of Test for Solvent Extraction of Organic Matter from Water
D2779-92(2012)

Test Method for Estimation of Solubility of Gases in Petroleum Liquids, **05.01**

D2780

Withdrawn 2010; Test Method for Solubility of Fixed Gases in Liquids
D2781

Withdrawn 1992; Test Method for Compatibility of Fuel Oil Blends by Spot Test; Replaced by D4740
D2782-02(2014)

Test Method for Measurement of Extreme-Pressure Properties of Lubricating Fluids (Timken Method), **05.01**

D2783-03(2009)^{c1}

Test Method for Measurement of Extreme-Pressure Properties of Lubricating Fluids (Four-Ball Method), 05.01

D2784-11

Test Method for Sulfur in Liquefied Petroleum Gases (Oxy-Hydrogen Burner or Lamp), 05.01

D2785

Withdrawn 1989; Test Method for Trace Quantities of Total Sulfur (Wickbold and Beckman Combustion Apparatus)

D2786-91(2011)

Test Method for Hydrocarbon Types Analysis of Gas-Oil Saturates Fractions by High Ionizing Voltage Mass Spectrometry, **05.01**

D2787

Withdrawn 1985; Method of Test for Lead and Vanadium in Gas Turbine Fuels
D2788

Withdrawn 1994; Method of Test for Trace Metals in Gas Turbine Fuels (Atomic Absorption Method)
D2789-95(2011)

Test Method for Hydrocarbon Types in Low Olefinic Gasoline by Mass Spectrometry, **05.01**

D2790

Withdrawn 1993; Methods of Analysis of Solvent Systems Used for Removal of Water-Formed Deposits
D2791-13

Test Method for On-line Determination of Sodium in Water, **11.01**

D2792-69(2010)

Test Method for Solvent and Fuel Resistance of Traffic Paint, 06.02

D2793-99(2011)

Test Method for Block Resistance of Organic Coatings on Wood Panel Substrates, 06.02

D2794-93(2010)

Test Method for Resistance of Organic Coatings to

the Effects of Rapid Deformation (Impact), 06.01 D2795

Withdrawn 2001; Test Method for Analysis of Coal and Coke Ash

D2796

Withdrawn 1995; Terminology Relating to Megascopic Description of Coal and Coal Seams and Microscopical Description and Analysis of Coal

D2797/D2797M-11a

Practice for Preparing Coal Samples for Microscopical Analysis by Reflected Light, **05.06**

D2798-11a

Test Method for Microscopical Determination of the Vitrinite Reflectance of Coal, 05.06

D2799-13

Test Method for Microscopical Determination of the Maceral Composition of Coal, 05.06

D2800

Withdrawn 2007; Test Method for Preparation of Methyl Esters From Oils for Determination of Fatty Acid Composition by Gas-Liquid Chromatography

D2801

Withdrawn 1990; Test Method for Leveling Characteristics of Paints by Draw-Down Method

D2802-14

Specification for Ozone-Resistant Ethylene-Alkene Polymer Insulation, **10.02**

D2803-09

Guide for Testing Filiform Corrosion Resistance of Organic Coatings on Metal, 06.01

D2804-02(2012)

Test Method for Purity of Methyl Ethyl Ketone By Gas Chromatography, 06.04

D2805-11

Test Method for Hiding Power of Paints by Reflectometry, 06.01

D2806

Withdrawn 1982; Test Method for Flat Crush of Corrugating Medium; Replaced by TAPPI T 809

D2807-93(2009)^{c1}

Test Method for Chromic Oxide in Leather (Perchloric Acid Oxidation), **15.04**

D2808

Withdrawn 1991; Test Method for Compressive Strength of Corrugated Fiberboard (Short Column Test)
D2809-09

Test Method for Cavitation Corrosion and Erosion-Corrosion Characteristics of Aluminum Pumps With Engine Coolants, **15.05**

D2810-13

Test Method for pH of Leather, 15.04

D2811

Withdrawn 1991; Methods for Spinning Tests on the Cotton System for Measurement of Spinning Performance

D2812-07(2012)

Test Method for Non-Lint Content of Cotton, **07.01**

D2813-03(2013)

Practice for Sampling Leather for Physical and Chemical Tests, 15.04

D2814

Withdrawn 1978; Method of Test for Color Change Due



to Flat Abrasion (Frosting)

D2815

Withdrawn 1976; Specification for Cleaning Compound, General Purpose

D2816-05(2009)

Test Method for Cashmere Coarse-Hair Content in Cashmere, **07.01**

D2817-05(2009)

Specification for Maximum Cashmere Coarse-Hair Content in Cashmere, 07.01

D2818

Withdrawn 1992; Specification for Homogeneous Bituminized Fiber Pipe for Airport and Highway Drainage

D2819

Withdrawn 1984; Specification for Extra-Heavy-Duty Black Polychloroprene Jacket for Wire and Cable; Replaced by D4247

D2820

Withdrawn 1993; Test Method for C₁ through C₅ Hydrocarbons in the Atmosphere By Gas Chromatography

D2821-14

Test Method for Measuring the Relative Stiffness of Leather by Means of a Torsional Wire Apparatus, **15.04**

D2822/D2822M-05(2011)^{e1}

Specification for Asphalt Roof Cement, Asbestos-Containing, 04.04

D2823/D2823M

Withdrawn 2014; Specification for Asphalt Roof Coatings, Asbestos-Containing

D2824/D2824M-13

Specification for Aluminum-Pigmented Asphalt Roof Coatings, Nonfibered, and Fibered without Asbestos, **04.04**

D2825-13

Terminology Relating to Polishes and Related Materials, 15.04

D2826

Withdrawn 1979; Specification for Styrene Monomer 993

D2827-13

Specification for Styrene Monomer, **06.04**

D2828

Withdrawn 2004; Specification for Nonbituminous Inserts for Contraction Joints in Portland Cement Concrete Airfield Pavements, Sawable Type

D2829-07(2013)

Practice for Sampling and Analysis of Existing Built-Up Roof Systems, **04.04**

D2830

Withdrawn 2004; Test Method for Exterior Durability of Factory-Primed Field Finished Wood Products

D2831

Withdrawn 1981; Method of Test for Evaluating the Ability of a Latex Paint to Resist Efflorescence from the Substrate

D2832-92(2011)

Guide for Determining Volatile and Nonvolatile Content of Paint and Related Coatings, **06.01**

D2833

Withdrawn 1994; Index of Methods for Testing Architectural Paints and Coatings; Replaced by D5324

D2834-95(2008)

Test Method for Nonvolatile Matter (Total Solids) in

Water-Emulsion Floor Polishes, Solvent-Based Floor Polishes, and Polymer-Emulsion Floor Polishes, **15.04**

D2835-89(2012)

Specification for Lubricant for Installation of Pre-formed Compression Seals in Concrete Pavements, 04.03

D2836

Withdrawn 1977; Specification for Filled Poly(Vinyl Chloride)(PVC) Sewer Pipe

D2837-13^{e1}

Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products, **08.04**

D2838-09

Test Method for Shrink Tension and Orientation Release Stress of Plastic Film and Thin Sheeting, 08.01

D2839-10

Practice for Use of a Melt Index Strand for Determining Density of Polyethylene, 08.01

D2840

Withdrawn 1984; Method of Test for Average True Particle Density of Hollow Microspheres

D2841

Withdrawn 1999; Practice for Sampling Hollow Microspheres

D2842-12

Test Method for Water Absorption of Rigid Cellular Plastics, **08.01**

D2843-10

Test Method for Density of Smoke from the Burning or Decomposition of Plastics, 08.01

D2844/D2844M-13

Test Method for Resistance, **04.08**

D2845-08

Test Method for Laboratory Determination of Pulse Velocities and Ultrasonic Elastic Constants of Rock, 04.08

D2846/D2846M-09b^{e1}

Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems, 08.04

D2847-15

Practice for Testing Engine Coolants in Car and Light Truck Service, 15.05

D2848

Withdrawn 1983; Specification for Reinforced Polycarbonate Injection Molding and Extrusion Materials; Replaced by D3935

D2849

Withdrawn 1989; Method of Testing Urethane Foam Polyol Raw Materials

D2850-03a(2007)

Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils, **04.08**

D2851-98(2015)

Specification for Liquid Optical Adhesive, 15.06

D2852-95(2008)

Specification for Styrene-Rubber (SR) Plastic Drain Pipe and Fittings, 08.04

D2853

Withdrawn 1989; Specification for Reinforced Olefin



Injection Molding and Extrusion Materials

D2854-09(2014)

Test Method for Apparent Density of Activated Carbon, **15.01**

D2855-96(2010)

Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings, 08.04 D2856

Withdrawn 2006; Test Method for Open-Cell Content of Rigid Cellular Plastics by the Air Pycnometer; Replaced by D6226

D2857-95(2007)

Practice for Dilute Solution Viscosity of Polymers, **08.01 D2858**

Withdrawn 2003; Test Method for Thermal Conductivity of Electrical Grade Magnesium Oxide

D2859-06(2011)

Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials, **04.07**

D2860M

Withdrawn 1998; Replaced by D2860/D2860M

D2860/D2860M-04(2010)

Test Method for Adhesion of Pressure-Sensitive Tape to Fiberboard at 90° Angle and Constant Stress, **15.10**

D2861-14

Test Methods for Flexible Composites of Copper Foil with Dielectric Film or Treated Fabrics, 10.02

D2862-10

Test Method for Particle Size Distribution of Granular Activated Carbon, 15.01

D2863-13

Test Method for Measuring the Minimum Oxygen Concentration to Support Candle-Like Combustion of Plastics (Oxygen Index), 08.01

D2864-10^{c1}

Terminology Relating to Electrical Insulating Liquids and Gases, 10.03

D2865M

Withdrawn 2015; Practice for Calibration of Standards and Equipment for Electrical Insulating Materials Testing

D2866-11

Test Method for Total Ash Content of Activated Carbon, **15.01**

D2867-09(2014)

Test Methods for Moisture in Activated Carbon, 15.01

D2868-10

Test Method for Nitrogen Content (Kjeldahl) and Hide Substance Content of Leather, Wet Blue and Wet White, 15.04

D2869

Withdrawn 1974; Method of Test for Black Heel Marking Tendencies of Waxes and Polymer Floor Finishes

D2870

Withdrawn 1996; Test method for Gel Time of Tar Acids

D2871

Withdrawn 1984; Specification for p-tert-butylphenol 98

D2872-12^{c1}

Test Method for Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test), **04.03**

D2873

Withdrawn 2003; Test Method for Interior Porosity of

Poly(Vinyl Chloride) (PVC) Resins by Mercury Intrusion Porosimetry

D2874

Withdrawn 1982; Specification for Polyphenylene Oxide Molding and Extrusion Materials

D2875-00(2010)

Test Method for Insoluble Ash of Vegetable-Tanned Leather, **15.04**

D2876-00(2010)

Test Method for Water-Soluble Matter of Vegetable-Tanned Leather, 15.04

D2877

Withdrawn 1975; Methods of Test for Measuring Frictional Properties of Slideway Lubricants

D2878-10

Test Method for Estimating Apparent Vapor Pressures and Molecular Weights of Lubricating Oils, **05.01**

D2879-10

Test Method for Vapor Pressure-Temperature Relationship and Initial Decomposition Temperature of Liquids by Isotenscope, 05.01

D2880-14

Specification for Gas Turbine Fuel Oils, 05.01

D2881-12(2014)

Classification for Metalworking Fluids and Related Materials, 05.01

D2882

Withdrawn 2003; Test Method for Indicating Wear Characteristics of Petroleum and Non-Petroleum Hydraulic Fluids in Constant Volume Vane Pump

D2883-95(2009)

Test Method for Reaction Threshold Temperature of Liquid and Solid Materials, **05.01**

D2884-93(2012)

Test Method for Yield Stress of Heterogeneous Propellants by Cone Penetration Method, 05.01

D2885-13

Test Method for Determination of Octane Number of Spark-Ignition Engine Fuels by On-Line Direct Comparison Technique, 05.05

D2886

Withdrawn 1991; Test Method for Knock Characteristics of Motor Fuels by the Distribution Octane Number (DON) Method

D2887-14

Test Method for Boiling Range Distribution of Petroleum Fractions by Gas Chromatography, **05.01**

D2888

Withdrawn 1982; Method for Analysis of Liquefied Petroleum Gases (LPG) by Process Gas Chromatography

D2889-95(2010)

Test Method for Calculation of True Vapor Pressures of Petroleum Distillate Fuels, **05.01**

D2890-92(2013)

Test Method for Calculation of Liquid Heat Capacity of Petroleum Distillate Fuels, 05.01

D2891

Withdrawn 1981; Methods for Validation of Results of Process Distillation Analyzers; Replaced by D3764

D2892-13

Test Method for Distillation of Crude Petroleum (15-



Theoretical Plate Column), **05.01**

D2893-04(2014)^{e1}

Test Methods for Oxidation Characteristics of Extreme-Pressure Lubrication Oils, 05.01

D2894

Withdrawn 1979; Methods for Analysis of Calcium and Barium Petroleum Sulfonates by Liquid Chromatography; Replaced by D3712

D2895

Withdrawn 2004; Test Method for Gloss Retention of Waxed Paper and Paperboard After Storage at 40°C (104°F)

D2896-11

Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration, **05.01**

D2897

Withdrawn 1984; Specification for Reinforced and Filled Nylon Injection Molding and Extrusion Materials; Replaced by D4066

D2898-10

Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing, **04.10**

D2899-12

Practice for Establishing Allowable Stresses for Round Timber Piles, 04.10

D2900

Withdrawn 2003; Test Method for Accelerated Life Test of Electrical Grade Magnesium Oxide as Used in Sheathed-Type Electric Heating Elements

D2901

Withdrawn 2006; Test Method for Cement Content of Freshly Mixed Soil-Cement

D2902-00(2013)^{e1}

Specification for Fluoropolymer Resin Heat-Shrinkable Tubing for Electrical Insulation, **10.02**

D2903-11

Specification for Crosslinked Chlorinated Polyolefin Heat-Shrinkable Tubing for Electrical Insulation, 10.02

D2904

Withdrawn 2008; Practice for Interlaboratory Testing of a Textile Test Method that Produces Normally Distributed Data

D2905

Withdrawn 2008; Practice for Statements on Number of Specimens for Textiles

D2906

Withdrawn 2008; Practice for Statements on Precision and Bias for Textiles

D2907

Withdrawn 2003; Test Methods for Microquantities of Uranium in Water by Fluorometry

D2908-91(2011)

Practice for Measuring Volatile Organic Matter in Water by Aqueous-Injection Gas Chromatography, **11.02**

D2909

Withdrawn 1990; Test Method for Cyclohexylamine in Water; Replaced by D4983

D2910

Withdrawn 1992; Practice for Concentration and Recovery of Organic Matter from Water by Activated Carbon

D2911-10

Specification for Dimensions and Tolerances for Plastic Bottles, **08.01**

D2912

Withdrawn 1991; Test Method for Oxidant Content of the Atmosphere (Neutral KI)

D2913-14

Test Method for Mercaptan Content of the Atmosphere, **11.07**

D2914-15

Test Methods for Sulfur Dioxide Content of the Atmosphere (West-Gaeke Method), 11.07

D2915-10

Practice for Sampling and Data-Analysis for Structural Wood and Wood-Based Products, 04.10

D2916-09

Specification for Isophorone, 06.04

D2917-07(2013)

Specification for Methyl Isoamyl Ketone, 06.04

D2918-99(2012)

Test Method for Durability Assessment of Adhesive Joints Stressed in Peel, 15.06

D2919-01(2014)

Test Method for Determining Durability of Adhesive Joints Stressed in Shear by Tension Loading, 15.06

D2920

Withdrawn 1977; Method for Determination of Silica in Titanium Dioxide Pigments; Replaced by D1394

D2921-98(2011)

Test Method for Qualitative Tests for the Presence of Water Repellents and Preservatives in Wood Products, **06.02**

D2922

Withdrawn 2007; Test Methods for Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth); Replaced by D6938

D2923

D2923

Withdrawn 2015; Test Method for Rigidity of Polyolefin Film and Sheeting

D2924-12

Test Method for External Pressure Resistance of “Fiberglass”, 08.03

D2925-14

Test Method for Beam Deflection of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting Resin) Pipe Under Full Bore Flow, 08.03

D2926

Withdrawn 1989; Test Method for Bulk Modulus of Elasticity of Syntactic Foam (Piston-Cylinder Method)

D2927

Withdrawn 1974; Method of Test for Measurement of Tensile Creep and Creep Rupture of Reinforced Thermoplastics; Replaced by D2990

D2928

Withdrawn 1981; Method for Sampling Stacks for Particulate Matter; Replaced by D3685

D2929-89(2011)

Test Method for Sulfur Content of Cellulosic Materials by X-Ray Fluorescence, **06.03**

D2930

Withdrawn 2012; Test Method for Maleic Acid in Maleic Anhydride by Potentiometric Titration

D2931



Withdrawn 1994; Guide for Testing Latex Flat Wall Paints; Replaced by D5324
D2932

Withdrawn 1993; Guide for Testing Exterior Solvent-Based House and Trim Coatings; Replaced by D5416
D2933

Withdrawn 1992; Test Method for Corrosion Resistance of Coated Steel Specimens (Cyclic Method)
D2934

Withdrawn 1994; Practice for Rubber Seals—Compatibility With Service Fluids
D2935

Withdrawn 2005; Test Method for Apparent Density of Industrial Aromatic Hydrocarbons
D2936-08

Test Method for Direct Tensile Strength of Intact Rock Core Specimens, **04.08**

D2937-10

Test Method for Density of Soil in Place by the Drive-Cylinder Method, 04.08

D2938

Withdrawn 2005; Test Method for Unconfined Compressive Strength of Intact Rock Core Specimens; Replaced by D7012
D2939

Withdrawn 2012; Test Methods for Emulsified Bitumens Used as Protective Coatings
D2940/D2940M-09

Specification for Graded Aggregate Material For Bases or Subbases for Highways or Airports, **04.03**

D2941-13

Test Method for Measuring Break Pattern of Leather (Break Scale), 15.04

D2942-02(2013)

Test Method for Total Acid Acceptance of Halogenated Organic Solvents (Nonreflux Methods), 15.05

D2943-02(2012)

Test Method for Aluminum Scratch of 1,1,1-Trichloroethane to Determine Stability, 15.05

D2944-14

Practice of Sampling Processed Peat Materials, 04.08
D2945

Withdrawn 2011; Test Method for Gas Content of Insulating Oils
D2946-01(2010)

Terminology for Asbestos and Asbestos–Cement Products, **04.05**

D2947/D2947M-88(2011)^{e1}

Test Method for Screen Analysis of Asbestos Fibers, 04.05

D2948

Withdrawn 1986; Specification for Glass-Reinforced and Glass-Filled Acetal Resin Molding and Extrusion Materials; Replaced by D4181
D2949-10

Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings, **08.04**

D2950/D2950M-14

Test Method for Density of Bituminous Concrete in Place by Nuclear Methods, 04.03

D2951

Withdrawn 2006; Test Method for Resistance of Types III and IV Polyethylene Plastics to Thermal Stress-Cracking

D2952

Withdrawn 1999; Specification for Ethylene Plastics
D2953

Withdrawn 1986; Classification System for Polymeric Materials for Service in Ionizing Radiation
D2954

Withdrawn 1985; Method of Test for Absorbed Gamma and Electron Radiation Dose with the Ferrous Sulfate-Cupric Sulfate Dosimeter

D2955

Withdrawn 2000; Specification for Hand Scrubbing Soap (Grit Soap) Paste and Bar

D2956

Withdrawn 1985; Practice for Conducting Controlled Shock Input Tests for Shipping Containers; Replaced by D4003

D2957

Withdrawn 2000; Specification for Hand Scrubbing Soap (Grit Soap) Powder

D2958

Withdrawn 2000; Specification for Powdered Toilet Soap

D2959-95(2009)

Test Method for Ethylene Oxide Content of Polyethoxylated Nonionic Surfactants, **15.04**

D2960

Withdrawn 2013; Guide for Controlled Laundering Test Using Naturally Soiled Fabrics and Household Appliances
D2961-11

Test Method for Single-Stage Total Moisture Less than 15 % in Coal Reduced to 2.36-mm (No. 8 Sieve) Topsize, **05.06**

D2962-10

Practice for Calculating Volume-Temperature Correction For Coal-Tar Pitches, 05.01

D2963

Withdrawn 1997; Test Method for Testing Flow Table Consistency of Clay-Stabilized Asphalt Emulsions
D2964

Withdrawn 1979; Specification for Natural Mica Films Used in Fixed Capacitors Based on Visual Quality
D2965

Withdrawn 1979; Specification for Mechanical Characteristics of Die Cut Mica Films for Use as Dielectrics in Fixed Mica Capacitors

D2966

Withdrawn 1983; Method of Test for Cavitation Erosion-Corrosion Characteristics of Aluminum in Engine Coolants Using Ultrasonic Energy

D2967-07(2013)

Test Method for Corner Coverage of Powder Coatings, **06.02**

D2968-13

Test Method for Med and Kemp Fibers in Wool and Other Animal Fibers by Microprojection, 07.01

D2969-04(2014)

Test Methods for Steel Tire Cords, 07.01

D2970/D2970M-04(2014)

Test Methods for Testing Tire Cords, Tire Cord Fab-



rics, and Industrial Yarns Made From Glass Filaments, 07.01

D2971

Withdrawn 1978; Methods of Testing for Stitch-Quilted Products

D2972-08

Test Methods for Arsenic in Water, **11.01**

D2973-10^{e1}

Test Method for Total Nitrogen in Peat Materials, 04.08

D2974-14

Test Methods for Moisture, Ash, and Organic Matter of Peat and Other Organic Soils, 04.08

D2975

Withdrawn 1984; Method of Test for Sand Content of Peat Materials

D2976

Withdrawn 2013; Test Method for pH of Peat Materials

D2977-14

Practice for Particle Size Range of Peat Materials for Horticultural Purposes, **04.08**

D2978-03(2010)

Test Method for Volume of Processed Peat Materials, 04.08

D2979-01(2009)

Test Method for Pressure-Sensitive Tack of Adhesives Using an Inverted Probe Machine, 15.10

D2980-04(2010)

Test Method for Volume Mass, Moisture-Holding Capacity, and Porosity of Saturated Peat Materials, 04.08

D2981-94(2014)

Test Method for Wear Life of Solid Film Lubricants in Oscillating Motion, 05.01

D2982-07(2013)

Test Methods for Detecting Glycol-Base Antifreeze in Used Lubricating Oils, 05.01

D2983-09

Test Method for Low-Temperature Viscosity of Lubricants Measured by Brookfield Viscometer, 05.01

D2984

Withdrawn 1981; Practice for Validation of Results of Process Vapor Pressure Analyzer; Replaced by D3764

D2985/D2985M-92(2011)^{e1}

Test Method for Color of Asbestos, **04.05**

D2986

Withdrawn 2004 Practice for Evaluation of Air Assay Media by the Monodisperse DOP (Diocetyl Phthalate) Smoke Test

D2987/D2987M-88(2011)^{e1}

Test Method for Moisture Content of Asbestos Fiber, **04.05**

D2988-96(2015)

Test Methods for Water-Soluble Halide Ion in Halogenated Organic Solvents and Their Admixtures, 15.05

D2989-01(2011)

Test Method for Acidity-Alkalinity of Halogenated Organic Solvents and Their Admixtures, 15.05

D2990-09

Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics, 08.01

D2991

Withdrawn 1992; Practice for Testing Stress-Relaxation of Plastics

D2992-12

Practice for Obtaining Hydrostatic or Pressure Design Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings, **08.03**

D2993

Withdrawn 2003; Specification for Acrylonitrile-Butadiene Rubberized Tar

D2994

Withdrawn 2000; Test Methods for Rubberized Tar

D2995-99(2009)

Practice for Estimating Application Rate of Bituminous Distributors, **04.03**

D2996-01(2007)^{e1}

Specification for Filament-Wound "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, 08.03

D2997-01(2007)^{e1}

Specification for Centrifugally Cast "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe, 08.03

D2998

Withdrawn 2004; Test Method for Polyhydric Alcohols in Alkyd Resins

D2999

Withdrawn 1990; Test Method for Monopentaerythritol in Commercial Pentaerythritol; Replaced by D2195

D3000

Withdrawn 2003; Specification for Polybutylene (PB) Plastic Pipe (SDR-PR) Based on Outside Diameter

D3001

Withdrawn 1985; Method of Test for Absorbed Gamma And Electron Radiation Dose with the Ceric Sulfate Dosimeter

D3002-07

Guide for Evaluation of Coatings Applied to Plastics, **06.02**

D3003-01(2012)

Test Method for Pressure Mottling and Blocking Resistance of Organic Coatings on Metal Substrates, 06.02

D3004-08(2013)

Specification for Crosslinked and Thermoplastic Extruded Semi-Conducting, Conductor and Insulation Shielding Materials, 10.02

D3005-10

Specification for Low-Temperature Resistant Vinyl Chloride Plastic Pressure-Sensitive Electrical Insulating Tape, 10.02

D3006-10

Specification for Polyethylene Plastic Pressure-Sensitive Electrical Insulating Tape, 10.02

D3007

Withdrawn 1975; Definition of Terms Relating to Mica, Mica Processing, and Processed Mica Forms; Combined with D 1711

D3008

Withdrawn 1997; Test Method for Resin Acids in Rosin by Gas Chromatography

D3009

Withdrawn 1999; Test Method for Composition of Turpentine by Gas Chromatography; Replaced by D6387



D3010

Withdrawn 1992; Practice for Preparing Compression-Molded Test Sample Plaques of Rigid Poly(Vinyl Chloride) Compounds; Replaced by D4703

D3011

Withdrawn 1988; Specification for Reinforced and Filled Polystyrene, Styrene-Acrylonitrile, and ABS for Molding and Extrusion; Replaced by D4203, D4549, D4673

D3012-13

Test Method for Thermal-Oxidative Stability of Polypropylene Using a Specimen Rotator Within an Oven, **08.01**

D3013-13

Specification for Epoxy Molding Compounds, 08.01

D3014-11

Test Method for Flame Height, Time of Burning, and Loss of Mass of Rigid Thermoset Cellular Plastics in a Vertical Position, 08.01

D3015

Withdrawn 2001; Practice for Microscopical Examination of Pigment Dispersion in Plastic Compounds; Replaced by ISO 13949

D3016-97(2010)

Practice for Use of Liquid Exclusion Chromatography Terms and Relationships, **08.01**

D3017

Withdrawn 2007; Test Method for Water Content of Soil and Rock in Place by Nuclear Methods (Shallow Depth); Replaced by D6938

D3018/D3018M-11

Specification for Class A Asphalt Shingles Surfaced with Mineral Granules, **04.04**

D3019-08

Specification for Lap Cement Used with Asphalt Roll Roofing, Non-Fibered, Asbestos-Fibered, and Non-Asbestos-Fibered, 04.04

D3020

Withdrawn 1996; Specification for Polyethylene and Ethylene Copolymer Plastic Sheeting for Pond, Canal, and Reservoir Lining

D3021-01(2012)

Specification for Phthalocyanine Green Pigments, **06.03**

D3022-84(2011)

Test Method for Color and Strength of Color Pigments by Use of a Miniature Sandmill, 06.01

D3023-98(2011)

Practice for Determination of Resistance of Factory-Applied Coatings on Wood Products to Stains and Reagents, 06.02

D3024

Withdrawn 1991; Specification for Protein-Base Adhesives for Structural Laminated Wood Products for Use Under Interior (Dry Use) Exposure Conditions

D3025-07(2012)

Practice for Standardizing Cotton Fiber Test Results by Use of Calibration Cotton Standards, **07.01**

D3026

Withdrawn 2003; Test Method for Sinter Index of Electrical Grade Magnesium Oxide for Use in Sheathed Heating Elements

D3027

Withdrawn 1992; Practice for Compression Molding

Specimens of Allyl Molding Compounds; Replaced by D5224

D3028

Withdrawn 2000; Test Method for Kinetic Coefficient of Friction of Plastic Solids

D3029

Withdrawn 1995; Test Methods for Impact Resistance of Flat, Rigid Plastic Specimens by Means of a Tup (Falling Weight); Replaced by D5420, D5628

D3030-11

Test Method for Volatile Matter (Including Water) of Vinyl Chloride Resins, **08.01**

D3031

Withdrawn 1992; Test Method for Total Sulfur in Natural Gas by Hydrogenation

D3032-10

Test Methods for Hookup Wire Insulation, **10.02**

D3033

Withdrawn 1989; Specification for Type PSP Poly(Vinyl Chloride)(PVC) Sewer Pipe and Fittings

D3034-14a

Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, **08.04**

D3035-14a

Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter, 08.04

D3036

Withdrawn 1986; Specification for Poly(Vinyl Chloride)(PVC) Plastic Line Couplings

D3037

Withdrawn 1999; Test Methods for Carbon Black—Surface Area by Nitrogen Adsorption

D3038-93(2010)

Test Method for Drop Shatter Test for Coke, **05.06**

D3039/D3039M-14

Test Method for Tensile Properties of Polymer Matrix Composite Materials, 15.03

D3040

Withdrawn 1988; Practice for Preparing Precision Statements for Standards Related to Rubber and Rubber Testing; Replaced by D4483

D3041

Withdrawn 1988; Method of Testing Coated Fabrics--Ozone Cracking in a Chamber; Replaced by D1149

D3042-09

Test Method for Insoluble Residue in Carbonate Aggregates, **04.03**

D3043-00(2011)

Test Methods for Structural Panels in Flexure, 04.10

D3044-94(2011)

Test Method for Shear Modulus of Wood-Based Structural Panels, 04.10

D3045-92(2010)

Practice for Heat Aging of Plastics Without Load, 08.01

D3046

Withdrawn 2001; Specification for Powdered Hand Cleaner (Soap with Borax)

D3047

Withdrawn 2000; Specification for Powdered Hand Cleaner (Soap with Vegetable Scrubber)

D3048-89(2009)



Test Method of Assay for Alkaline Protease, **15.04**
D3049-89(2009)

Test Method for Synthetic Anionic Ingredient by Cationic Titration, 15.04

D3050-07(2015)

Guide for Measuring Soil Removal from Artificially Soiled Fabrics (Not Suitable for Detergent Ranking), 15.04

D3051

Withdrawn 1990; Practice for Carbon Black—Stating the Precision of ASTM Test Methods; Replaced by D4483

D3052-87(2010)

Practice for Rating Water-Emulsion Floor Polishes, 15.04

D3053-13a

Terminology Relating to Carbon Black, 09.01

D3054

Withdrawn 2007; Test Method for Purity and Benzene Content of Cyclohexane by Gas Chromatography

D3055

Withdrawn 1995; Specification for Cyclohexane 995; Replaced by D5309

D3056-14

Test Method for Gel Time of Solventless Varnishes, 10.02

D3057

Withdrawn 2000; Test Method for Moisture in Aerosol Products

D3058

Withdrawn 1992; Specification for Simple Can-Puncturing Device for Aerosol Laboratory Use

D3059

Withdrawn 1992; Method of Test for Percent Product Retention in Pressurized Food Containers

D3060-94(2013)

Test Method for Pressure Drop Rate of Compressed Gas-Propelled Products, 15.10

D3061-97(2013)

Guide for Three-Piece Steel and Tinplate Straight-Wall and Necked-In Aerosol Cans, 15.10

D3062

Withdrawn 1994; Test Method for Solids Content of Aerosol Coatings

D3063

Withdrawn 2000; Test Method for Pressure in Glass Aerosol Bottles

D3064-97(2013)

Terminology Relating To Aerosol Products, 15.10

D3065-01(2013)

Test Methods for Flammability of Aerosol Products, 15.10

D3066

Withdrawn 1997; Practice for Labeling Aerosol Packages

D3067

Withdrawn 1997; Practice for Reporting Laboratory Results When Checking Aerosol Containers

D3068

Withdrawn 1997; Specification for Safe Fill of Aerosol Containers

D3069-94(2013)

Test Method for Delivery Rate of Aerosol Products, 15.10

D3070-00(2010)

Test Method of Rapid Pressure Determination of Pressurized Products, 15.10

D3071

Withdrawn 2000; Test Method for Drop Testing of Glass Aerosol Bottles

D3072

Withdrawn 1992; Test Methods for Volatile Content of Aerosol Products

D3073

Withdrawn 1997; Practice for Filling and Inspection of Glass Aerosol Containers

D3074

Withdrawn 2000; Test Methods for Pressure in Metal Aerosol Containers

D3075

Withdrawn 2001; Test Method for Overrun of Food Aerosol Products

D3076-00(2010)

Test Methods for Effective Crimping on Outside Crimped Valves of Aerosol Containers, 15.10

D3077

Withdrawn 1997; Practice for Comparison of Spray Patterns of Aerosol Products

D3078-02(2013)

Test Method for Determination of Leaks in Flexible Packaging by Bubble Emission, 15.10

D3079-94(2009)^{e1}

Test Method for Water Vapor Transmission of Flexible Heat-Sealed Packages for Dry Products, 15.10

D3080/D3080M-11

Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions, 04.08

D3081

Withdrawn 1979; Method of Test for Selenium in Water

D3082-09

Test Method for Boron in Water, 11.01

D3084-05(2012)

Practice for Alpha-Particle Spectrometry of Water, 11.02

D3085

Withdrawn 1989; Practice for Measurement of Low-Level Activity in Water

D3086

Withdrawn 1996; Test Method for Organochlorine Pesticides in Water

D3087-91(2009)

Test Method for Operating Performance of Anion-Exchange Materials for Strong Acid Removal, 11.02

D3088

Withdrawn 1981; Method of Test for Effectiveness of Aerosol and Pressurized Space Spray Insecticides Against Flying Insects; Replaced by E653

D3089-97(2008)

Practice for Determining the A-D Dimension of Aerosol Valve Dip Tubes, 15.10

D3090-72(2008)

Practice for Storage Testing of Aerosol Products, 15.10

D3091-72(2008)

Practice for Safe Filling of Low-Pressure Pressurized Products, 15.10

D3092



Withdrawn 2002; Test Method for Particle-Size Distribution of Space-Insecticide Aerosol

D3093

Withdrawn 1999; Test Method for Pickup Efficiency of Residual Aerosol Insecticides

D3094-00(2010)

Test Method for Seepage Rate of Aerosol Products,

15.10

D3095

Withdrawn 1981; Method of Test for Effectiveness of Aerosol Insecticides Against Cockroaches; Replaced by E654

D3096

Withdrawn 1992; Methods of Test for Liquid Densities of Pressurized Products

D3097

Withdrawn 2003; Test Method for Aerosol Products for Delivered Mass

D3098

Withdrawn 1990; Test Method for Finish Content of Woven Glass Fabric, Cleaned and After-Finished with Epoxy-Functional Silane Type Finishes for Plastic Finishes

D3099

Withdrawn 1982; Method of Test for Pneumatic Ball Impact Resistance of Plastic Film and Sheeting

D3100

Withdrawn 1985; Practice for Determination of Alkalinity of Hollow Glass Microspheres

D3101

Withdrawn 1985; Practice for Determination of Bulk Density and Packing Factor of Hollow Glass Microspheres

D3102

Withdrawn 1985; Practice for Determination of Isostatic Collapse Strength of Hollow Glass Microspheres

D3103-14

Test Method for Thermal Insulation Performance of Distribution Packages, **15.10**

D3104-14a

Test Method for Softening Point of Pitches (Mettler Softening Point Method), 05.01

D3105-08

Index of Methods for Testing Elastomeric and Plasto-meric Roofing and Waterproofing Materials, 04.04

D3106-07(2012)

Test Method for Permanent Deformation of Elastomeric Yarns, 07.01

D3107-07(2015)

Test Methods for Stretch Properties of Fabrics Woven from Stretch Yarns, 07.01

D3108/D3108M-13

Test Method for Coefficient of Friction, Yarn to Solid Material, 07.01

D3109

Withdrawn 1982; Specification for Fineness of Mohair and Assignment of Grade; Replaced by D3991

D3110

Withdrawn 1997; Specification for Adhesives Used in Laminate Joints for Nonstructural Glued Lumber Products

D3111-10

Test Method for Flexibility Determination of Hot-Melt

Adhesives by Mandrel Bend Test Method, **15.10**

D3112

Withdrawn 1990; Test Method for Lead in the Atmosphere by Colorimetric Dithizone Procedure

D3113

Withdrawn 2005; Test Methods for Sodium Salts of EDTA in Water

D3114

Withdrawn 1986; Method of Test for D-C Electrical Conductivity of Hydrocarbon Fuels; Replaced by D4308

D3115-95(2009)

Test Method for Explosive Reactivity of Lubricants with Aerospace Alloys Under High Shear, **05.01**

D3116

Withdrawn 1994; Test Method for Trace Amounts of Lead in Gasoline

D3117

Withdrawn 2010; Test Method for Wax Appearance Point of Distillate Fuels

D3118

Not Assigned

D3119

Withdrawn 1990; Test Method for Mist Spray Flammability of Hydraulic Fluids

D3120-08(2014)

Test Method for Trace Quantities of Sulfur in Light Liquid Petroleum Hydrocarbons by Oxidative Microcoulometry,

05.01

D3121

Withdrawn 2015; Test Method for Tack of Pressure-Sensitive Adhesives by Rolling Ball

D3122-95(2009)

Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings, **08.04**

D3123-09

Test Method for Spiral Flow of Low-Pressure Thermosetting Molding Compounds, 08.01

D3124-98(2011)

Test Method for Vinylidene Unsaturation in Polyethylene by Infrared Spectrophotometry, 08.01

D3125-06(2012)

Test Method for Monomethyl Ether of Hydroquinone in Colorless Monomeric Acrylate Esters and Acrylic Acid, 06.04

D3126

Withdrawn 1987; Specification for n-Butyl Acetate (98 Percent Grade); Replaced by D4615

D3127

Withdrawn 1987; Specification for Ethyl Acetate (99 Percent Grade); Replaced by D4614

D3128-07(2013)

Specification for 2-Methoxyethanol, **06.04**

D3129

Withdrawn 1997; Guide for Testing Exterior Latex House Paints; Replaced by D5324

D3130-11

Specification for n-Propyl Acetate (96 % Grade), **06.04**

D3131-07(2013)

Specification for Isopropyl Acetate (99 % Grade), 06.04

D3132

Withdrawn 2005; Test Method for Solubility Range of



Resins and Polymers

D3133

Withdrawn; Test Method for Quantitative Determination of Cellulose Nitrate in Alkyd Modified Lacquers by Infra-red Spectrophotometry

D3134-97(2008)^{e1}

Practice for Establishing Color and Gloss Tolerances, 06.01

D3135-12

Specification for Performance of Bonded, Fused, and Laminated Apparel Fabrics, 07.01

D3136-14

Terminology Relating to Care Labeling for Apparel, Textile, Home Furnishing, and Leather Products, 07.01

D3137-81(2013)

Test Method for Rubber Property—Hydrolytic Stability, 09.01

D3138-04(2011)

Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components, 08.04

D3139-98(2011)

Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals, 08.04

D3141/D3141M-15

Specification for Asphalt for Undersealing Portland-Cement Concrete Pavements, 04.03

D3142/D3142M-11

Test Method for Specific Gravity, API Gravity, or Density of Cutback Asphalts by Hydrometer Method, 04.03

D3143/D3143M-13

Test Method for Flash Point of Cutback Asphalt with Tag Open-Cup Apparatus, 04.03

D3144-00(2013)^{e1}

Specification for Crosslinked Poly(Vinylidene Fluoride) Heat-Shrinkable Tubing for Electrical Insulation, 10.02

D3145-13

Test Method for Thermal Endurance of Electrical Insulating Varnishes by the Helical Coil Method, 10.02

D3146

Withdrawn 1978; Specification for Oxidation-Inhibited Mineral Insulating Oil; Replaced by D3487

D3147-06(2013)

Test Method for Testing Stop-Leak Additives for Engine Coolants, 15.05

D3148

Withdrawn 2005; Test Method for Elastic Moduli of Intact Rock Core Specimens in Uniaxial Compression; Replaced by D7102

D3149-06(2013)

Specification for Crosslinked Polyolefin Heat-Shrinkable Tubing for Electrical Insulation, 10.02

D3150-11

Specification for Crosslinked and Noncrosslinked Poly(Vinyl Chloride) Heat-Shrinkable Tubing for Electrical Insulation, 10.02

D3151

Withdrawn 2007; Test Method for Thermal Failure of

Solid Electrical Insulating Materials Under Electric Stress

D3152

Withdrawn 2007; Test Method for Capillary-Moisture Relationships for Fine-Textured Soils by Pressure-Membrane Apparatus; Replaced by D6836

D3153-87(2008)

Test Method for Recoatability of Water-Emulsion Floor Polishes, 15.04

D3154-14

Test Method for Average Velocity in a Duct (Pitot Tube Method), 11.07

D3155-11

Test Method for Lime Content of Uncured Soil-Lime Mixtures, 04.08

D3156-96(2011)

Practice for Rubber—Chromatographic Analysis of Antidegradants (Antioxidants, Antiozonants and Stabilizers), 09.01

D3157-05(2010)^{e1}

Test Method for Rubber from Natural Sources—Color, 09.01

D3158

Withdrawn 1984; Specification for Asphalt Saturated and Coated Organic Felt Used in Roofing

D3159-10

Specification for Modified ETFE-Fluoropolymer Molding and Extrusion Materials, 08.01

D3160-12

Test Method for Phenol Content of Cumene (Isopropylbenzene) or AMS (α -Methylstyrene), 06.04

D3161/D3161M-14

Test Method for Wind-Resistance of Steep Slope Roofing Products (Fan-Induced Method), 04.04

D3162-12

Test Method for Carbon Monoxide in the Atmosphere (Continuous Measurement by Nondispersive Infrared Spectrometry), 11.07

D3163-01(2014)

Test Method for Determining Strength of Adhesively Bonded Rigid Plastic Lap-Shear Joints in Shear by Tension Loading, 15.06

D3164-03(2011)

Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading, 15.06

D3164M

Withdrawn 2012; Test Method for Strength Properties of Adhesively Bonded Plastic Lap-Shear Sandwich Joints in Shear by Tension Loading

D3165-07(2014)

Test Method for Strength Properties of Adhesives in Shear by Tension Loading of Single-Lap-Joint Laminated Assemblies, 15.06

D3166-99(2012)

Test Method for Fatigue Properties of Adhesives in Shear by Tension Loading (Metal/Metal), 15.06

D3167-10

Test Method for Floating Roller Peel Resistance of Adhesives, 15.06

D3168-85(2011)

Practice for Qualitative Identification of Polymers in Emulsion Paints, 06.01

**D3169**

Withdrawn 2007; Specification for Refined Sunflower Oil

D3170/D3170M-14

Test Method for Chipping Resistance of Coatings, **06.02**

D3171-15

Test Methods for Constituent Content of Composite Materials, 15.03

D3172-13

Practice for Proximate Analysis of Coal and Coke, 05.06

D3173-11

Test Method for Moisture in the Analysis Sample of Coal and Coke, 05.06

D3174-12

Test Method for Ash in the Analysis Sample of Coal and Coke from Coal, 05.06

D3175-11

Test Method for Volatile Matter in the Analysis Sample of Coal and Coke, 05.06

D3176-15

Practice for Ultimate Analysis of Coal and Coke, 05.06

D3177

Withdrawn 2012; Test Methods for Total Sulfur in the Analysis Sample of Coal and Coke

D3178

Withdrawn 2007; Test Methods for Carbon and Hydrogen in the Analysis Sample of Coal and Coke; Replaced by D5373

D3179

Withdrawn 2008; Test Methods for Nitrogen in the Analysis Sample of Coal and Coke

D3180-15

Practice for Calculating Coal and Coke Analyses from As-Determined to Different Bases, 05.06

D3181-15

Guide for Conducting Wear Tests on Textiles, 07.01

D3182-07(2012)

Practice for Rubber—Materials, Equipment, and Procedures for Mixing Standard Compounds and Preparing Standard Vulcanized Sheets, 09.01

D3183-10

Practice for Rubber—Preparation of Pieces for Test Purposes from Products, 09.01

D3184-11

Practice for Rubber—Evaluation of NR (Natural Rubber), 09.01

D3185-06(2010)

Test Methods for Rubber—Evaluation of SBR (Styrene-Butadiene Rubber) Including Mixtures With Oil, 09.01

D3186-07(2011)

Test Methods for Rubber—Evaluation of SBR (Styrene-Butadiene Rubber) Mixed With Carbon Black or Carbon Black and Oil, 09.01

D3187-06(2011)

Test Methods for Rubber—Evaluation of NBR (Acrylonitrile-Butadiene Rubber), 09.01

D3188-06(2010)

Test Methods for Rubber—Evaluation of IIR (Isobutene-Isoprene Rubber), 09.01

D3189-06(2011)

Test Methods for Rubber—Evaluation of Solution BR (Polybutadiene Rubber), 09.01

D3190-06(2010)

Test Method for Rubber—Evaluation of Chloroprene Rubber (CR), 09.01

D3191-10(2014)

Test Methods for Carbon Black in SBR (Styrene-Butadiene Rubber)—Recipe and Evaluation Procedures, 09.01

D3192-09(2014)

Test Methods for Carbon Black Evaluation in NR (Natural Rubber), 09.01

D3193-09

Specification for Ethylbenzene, 06.04

D3194-04(2009)

Test Method for Rubber From Natural Sources—Plasticity Retention Index (PRI), 09.01

D3195/D3195M-10(2015)

Practice for Rotameter Calibration, 11.07

D3196

Withdrawn 1985; Method of Test for Rubber Properties in Tension Solid Urethanes; Replaced by D412

D3197

Withdrawn 1986; Specification for Insert-Type Polyethylene Fusion Fittings for SDR 11.0 Polyethylene Pipe

D3198-97(2007)

Test Method for Application and Removal Torque of Threaded or Lug-Style Closures, 15.10

D3199

Withdrawn 2001; Test Method for Water Vapor Transmission Through Screw-Cap Closure Liners

D3200-74(2012)

Specification and Test Method for Establishing Recommended Design Stresses for Round Timber Construction Poles, 04.10

D3201/D3201M-13

Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-Based Products, 04.10

D3202

Withdrawn 2007; Practice for Preparation of Bituminous Mixture Beam Specimens by Means of the California Kneading Compactor

D3203/D3203M-11

Test Method for Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures, 04.03

D3204

Withdrawn 2004; Specification for Preformed Cellular Plastic Joint Fillers for Relieving Pressure

D3205

Withdrawn 2000; Test Method for Viscosity of Asphalt with Cone and Plate Viscometer

D3206-08

Test Method for Soil Resistance of Floor Polishes, 15.04

D3207-92(2008)

Test Method for Detergent Resistance of Floor Polish Films, 15.04

D3208

Withdrawn 2010; Specification for Manifold Papers for Permanent Records

D3209-93(2008)

Test Method for Freeze/Thaw Resistance of Polymer



Floor Polishes, **15.04**

D3210-95(2008)

Test Method for Comparing Colors of Films from Water-Emulsion Floor Polishes, 15.04

D3211

Withdrawn 1991; Test Method for Relative Density of Black Smoke (Ringelmann Method)

D3212-07(2013)

Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals, **08.04**

D3213-13

Practices for Handling, Storing, and Preparing Soft Intact Marine Soil, 04.08

D3214

Withdrawn 2002; Test Methods for Coating Powders and Their Coatings Used for Electrical Insulation

D3215

Withdrawn 2003; Test Method for Measurement of the Specific Electrical Impedance of Electrical-Grade Magnesium Oxide for Use in Sheathed-Type Heating Elements

Withdrawn 1985; Method of Test for Grading Cotton Card Webs for Appearance

D3217/D3217M-15

Test Methods for Breaking Tenacity of Manufactured Textile Fibers in Loop or Knot Configurations, **07.01**

D3218-07(2012)

Specification for Polyolefin Monofilaments, 07.01

D3219

Withdrawn 1992; Specification for Industrial Filament Yarns, Tire Cords, and Tire Cord Fabrics Made from Man-Made Organic-Base Fibers

D3220

Withdrawn 1989; Specification for Reinforced Polyterephthalate Thermoplastic Molding and Extrusion Materials; Replaced by D4507

D3221

Withdrawn 1989; Specification for Thermoplastic Polyterephthalate Molding and Extrusion Materials; Replaced by D4507

D3222-05(2010)

Specification for Unmodified Poly(Vinylidene Fluoride) (PVDF) Molding Extrusion and Coating Materials, **08.02**

D3223-12

Test Method for Total Mercury in Water, 11.01

D3224

Withdrawn 2006; Test Method for Water Solubility of Auxiliary Solvent for Wood Preserving Solutions

D3225

Withdrawn 2006; Specification for Low-Boiling Hydrocarbon Solvent for Oil-Borne Preservatives

D3226

Withdrawn 1979; Method of Test for Sulfur Oxides in Flue Gases (Barium Chloranilate Controlled Condensation Method)

D3227-13

Test Method for (Thiol Mercaptan) Sulfur in Gasoline, Kerosine, Aviation Turbine, and Distillate Fuels (Potentiometric Method), **05.01**

D3228-08(2014)

Test Method for Total Nitrogen in Lubricating Oils and Fuel Oils by Modified Kjeldahl Method, 05.01

D3229

Withdrawn 1993; Method of Test for Low Levels of Lead in Gasoline by X-ray Spectrometry; Replaced by D5059

D3230-13

Test Method for Salts in Crude Oil (Electrometric Method), **05.01**

D3231-13

Test Method for Phosphorus in Gasoline, 05.01

D3232

Withdrawn 1994; Test Method for Measurement of Consistency of Lubricating Greases at High Temperatures

D3233-93(2009)^{e1}

Test Methods for Measurement of Extreme Pressure Properties of Fluid Lubricants (Falex Pin and Vee Block Methods), **05.01**

D3234

Withdrawn 2004; Test Method for Abrasion Resistance of Petroleum Wax Coatings

D3235-06(2011)

Test Method for Solvent Extractables in Petroleum Waxes, **05.01**

D3236-88(2014)

Test Method for Apparent Viscosity of Hot Melt Adhesives and Coating Materials, 05.01

D3237-12

Test Method for Lead in Gasoline by Atomic Absorption Spectroscopy, 05.01

D3238-95(2010)

Test Method for Calculation of Carbon Distribution and Structural Group Analysis of Petroleum Oils by the n-d-M Method, 05.01

D3239-91(2011)

Test Method for Aromatic Types Analysis of Gas-Oil Aromatic Fractions by High Ionizing Voltage Mass Spectrometry, 05.01

D3240-11

Test Method for Undissolved Water in Aviation Turbine Fuels, 05.01

D3241-14a

Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels, 05.01

D3242-11

Test Method for Acidity in Aviation Turbine Fuel, 05.01

D3243

Withdrawn 1983; Method of Test for Flash-Point of Aviation Turbine Fuels by Setaflash Closed Tester; Replaced by D3828

D3244-12

Practice for Utilization of Test Data to Determine Conformance with Specifications, **05.01**

D3245

Withdrawn 2010; Test Method for Pumpability of Industrial Fuel Oils

D3246-14

Test Method for Sulfur in Petroleum Gas by Oxidative Microcoulometry, **05.01**

D3247

Withdrawn 1988; Test Method for Coefficient of Static Friction of Corrugated and Solid Fiberboard (Horizontal



Plane Method); Replaced by D45210

D3248

Withdrawn 1988; Test Method for Coefficient of Static Friction of Corrugated and Solid Fiberboard (Inclined Plane Method); Replaced by D4521

D3249-95(2011)

Practice for General Ambient Air Analyzer Procedures, 11.07

D3250

Withdrawn 1991; Test Method for Total Oxygen Demand in Water

D3251-04(2013)

Test Method for Thermal Endurance Characteristics of Electrical Insulating Varnishes Applied Over Film-Insulated Magnet Wire, 10.02

D3252

Withdrawn 1986; Method of Test for Undersized Loose Muscovite Mica Splittings

D3253

Withdrawn 1991; Specification for Vulcanized Rubber Sheetting for Pond

D3254

Withdrawn 1991; Specification for Fabric—Reinforced, Vulcanized Rubber Sheetting for Pond, Canal, and Reservoir Lining

D3255

Withdrawn 1981; Method for Investigating the Compatibility of Transformer Insulation and Construction Materials in Askarels

D3256-86(2014)

Test Methods for Chemical Analysis of Phthalocyanine Blue and Green Pigments, 06.03

D3257-06(2012)

Test Methods for Aromatics in Mineral Spirits by Gas Chromatography, 06.04

D3258-04(2014)

Test Method for Porosity of White or Near White Paint Films by Staining, 06.02

D3259

Withdrawn 2009; Practice for Infrared Determination of the Temperature of Applied Coatings on Wood Products During the Curing Cycle

D3260-01(2011)

Test Method for Acid and Mortar Resistance of Factory-Applied Clear Coatings on Extruded Aluminum Products, 06.02

D3261-12^{c1}

Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing, 08.04

D3262-11

Specification for “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer Pipe, 08.03

D3263

Withdrawn 2008; Test Methods for Corrosivity of Solvent Systems for Removing Water-Formed Deposits

D3264

Withdrawn 2003; Specification for Industrial Grade Aniline

D3265-15

Test Method for Carbon Black—Tint Strength, 09.01

D3266-91(2011)

Test Method for Automated Separation and Collection of Particulate and Acidic Gaseous Fluoride in the Atmosphere (Double Paper Tape Sampler Method), 11.07

D3267-12

Test Method for Separation and Collection of Particulate and Water-Soluble Gaseous Fluorides in the Atmosphere (Filter and Impinger Method), 11.07

D3268-91(2011)

Test Method for Separation and Collection of Particulate and Gaseous Fluorides in the Atmosphere (Sodium Bicarbonate-Coated Glass Tube and Particulate Filter Method), 11.07

D3269

Withdrawn 2010; Test Methods for Analysis for Fluoride Content of the Atmosphere and Plant Tissues (Manual Procedures)

D3270-13

Test Methods for Analysis for Fluoride Content of the Atmosphere and Plant Tissues (Semiautomated Method), 11.07

D3271-87(2012)

Practice for Direct Injection of Solvent-Reducible Paints Into a Gas Chromatograph for Solvent Analysis, 06.01

D3272

Withdrawn 2008; Practice for Vacuum Distillation of Solvents From Solvent-Reducible Paints For Analysis

D3273-12

Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber, 06.01

D3274-09(2013)

Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Fungal or Algal Growth, or Soil and Dirt Accumulation, 06.01

D3275-08(2013)

Classification System for E-CTFE-Fluoroplastic Molding, Extrusion, and Coating Materials, 08.02

D3276-07

Guide for Painting Inspectors (Metal Substrates), 06.02

D3277

Withdrawn 2010; Test Methods for Moisture Content of Oil-Impregnated Cellulosic Insulation

D3278-96(2011)

Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus, 06.01

D3279-12

Test Method for n-Heptane Insolubles, 04.03

D3280-85(2014)

Test Methods for Analysis of White Zinc Pigments, 06.03

D3281

Withdrawn 1995; Test Method for Formability of Attached Organic Coatings with Impact-Wedge Bend Apparatus

D3282-09

Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes, 04.08

D3283-98(2012)

Specification for Air as an Electrical Insulating Mate-



rial, 10.03

D3284-05(2011)

Practice for Combustible Gases in the Gas Space of Electrical Apparatus Using Portable Meters, 10.03

D3285

Withdrawn 2010; Test Method for Water Absorptiveness of Nonbulbous Paper and Paperboard (Cobb Test)
D3286

Withdrawn 2000; Test Method for Gross Calorific Value of Coal and Coke by the Isoperibol Bomb Calorimeter; Replaced by D5865

D3287

Withdrawn 1991; Specification for Biaxially Oriented Polyethylene (PEO) Plastic Pipe (SDR-PR) Based on Controlled Outside Diameter

D3288/D3288M-08

Test Methods for Magnet-Wire Enamels, 10.02

D3289-08

Test Method for Density of Semi-Solid and Solid Bituminous Materials (Nickel Crucible Method), 04.03

D3290

Withdrawn 2010; Specification for Bond and Ledger Papers for Permanent Records

D3291-11

Practice for Compatibility of Plasticizers in Poly(Vinyl Chloride) Plastics Under Compression, 08.02

D3292

Withdrawn 1982; Recommended Practice for Powder Flow Measurement of TFE-Fluorocarbon Molding and Extrusion Materials

D3293

Withdrawn 1997; Specification for PTFE Resin Molded Sheet; Replaced by D3294

D3294-09

Specification for Polytetrafluoroethylene (PTFE) Resin Molded Sheet and Molded Basic Shapes, 08.02

D3295-06(2011)

Specification for PTFE Tubing, Miniature Beading and Spiral Cut Tubing, 08.02

D3296-14a

Specification for FEP-Fluorocarbon Tube, 08.02

D3297

Withdrawn 1997; Practice for Molding and Machining Tolerances for PTFE Resin Parts

D3298

Withdrawn 1989; Specification for Perforated Styrene-Rubber (SR) Plastic Drain Pipe

D3299-10

Specification for Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks, 08.03

D3300-12

Test Method for Dielectric Breakdown Voltage of Insulating Oils of Petroleum Origin Under Impulse Conditions, 10.03

D3301

Withdrawn 2010; Specification for File Folders for Storage of Permanent Records

D3302/D3302M-15

Test Method for Total Moisture in Coal, 05.06

D3303

Withdrawn 1984; Method for Rapid Gas Chromatographic Estimation of Higher Boiling Homologues of Chlorinated Biphenyls for Capacitor Askarels

D3304

Withdrawn 1993; Method for Analysis of Environmental Materials for Polychlorinated Biphenyls

D3305

Withdrawn 2014; Practice for Sampling Small Gas Volume in a Transformer

D3306-14

Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service, 15.05

D3307-10

Specification for Perfluoroalkoxy (PFA)-Fluorocarbon Resin Molding and Extrusion Materials, 08.02

D3308-12

Specification for PTFE Resin Skived Tape, 08.02

D3309

Withdrawn 2010; Specification for Polybutylene (PB) Plastic Hot- and Cold-Water Distribution Systems

D3310-00(2014)

Test Method for Determining Corrosivity of Adhesive Materials, 15.06

D3311-11

Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns, 08.04

D3312-04(2013)

Test Method for Percent Reactive Monomer in Solventless Varnishes, 10.02

D3313-12

Test Method for Carbon Black—Individual Pellet Hardness, 09.01

D3314-02(2012)

Test Method for Rubber—Chemical Analysis for Polystyrene Blocks In SBR (Styrene-Butadiene Rubber) and Styrene-Reinforced Latices, 09.01

D3315

Withdrawn 1989; Test Method for Radioactive Zirconium in Water

D3316-06(2011)

Test Method for Stability of Perchloroethylene with Copper, 15.05

D3317

Withdrawn 1986; Specification for High Modulus, Organic Yarn and Roving

D3318

Withdrawn 1984; Specification for Woven Cloth from High Modulus Organic Fiber

D3319-11

Practice for the Accelerated Polishing of Aggregates Using the British Wheel, 04.03

D3320

Withdrawn 2013; Specification for Emulsified Coal-Tar Pitch (Mineral Colloid Type)

D3321-13

Test Method for Use of the Refractometer for Field Test Determination of the Freezing Point of Aqueous Engine Coolants, 15.05

D3322-82(2011)

Practice for Testing Primers and Primer Surfacers Over Preformed Metal, 06.02

D3323

Withdrawn 1993; Guide for Testing Interior Solvent-Thinned Flat Wall Paints; Replaced by D5146



D3324

Withdrawn 2003; Practice for Carbon Black—Improving Test Reproducibility Using ASTM Standard Reference Blacks; Replaced by D4821

D3325-90(2013)

Practice for Preservation of Waterborne Oil Samples, 11.02

D3326-07(2011)

Practice for Preparation of Samples for Identification of Waterborne Oils, 11.02

D3327

Withdrawn 1994; Test Methods for Analysis of Selected Elements in Waterborne Oils

D3328-06(2013)

Test Methods for Comparison of Waterborne Petroleum Oils by Gas Chromatography, 11.02

D3329-03(2009)

Test Method for Purity of Methyl Isobutyl Ketone by Gas Chromatography, 06.04

D3330/D3330M-04(2010)

Test Method for Peel Adhesion of Pressure-Sensitive Tape, 15.10

D3331

Withdrawn 1985; Method of Test for Assessment of Mechanical-Shock Fragility Using Package Cushioning Materials

D3332-99(2010)

Test Methods for Mechanical-Shock Fragility of Products, Using Shock Machines, 15.10

D3333-07(2012)

Practice for Sampling Manufactured Staple Fibers, Sliver, or Tow for Testing, 07.01

D3334

Withdrawn 1990; Method of Testing Fabrics Woven From Polyolefin Monofilaments

D3335-85a(2014)

Test Method for Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy, 06.01

D3336-05(2010)

Test Method for Life of Lubricating Greases in Ball Bearings at Elevated Temperatures, 05.01

D3337

Withdrawn 2009; Test Method for Determining Life and Torque of Lubricating Greases in Small Ball Bearings

D3338/D3338M-09(2014)^{ε1}

Test Method for Estimation of Net Heat of Combustion of Aviation Fuels, 05.01

D3339-12

Test Method for Acid Number of Petroleum Products by Semi-Micro Color Indicator Titration, 05.01

D3340

Withdrawn 2013; Test Method for Lithium and Sodium in Lubricating Greases by Flame Photometer

D3341-05(2011)

Test Method for Lead in Gasoline—Iodine Monochloride Method, 05.01

D3342-90(2012)

Test Method for Dispersion Stability of New (Unused) Rolling Oil Dispersions in Water, 05.01

D3343-05(2010)

Test Method for Estimation of Hydrogen Content of

Aviation Fuels, 05.01

D3344-90(2010)

Test Method for Total Wax Content of Corrugated Paperboard, 05.01

D3345-08

Test Method for Laboratory Evaluation of Wood and Other Cellulosic Materials for Resistance to Termites, 04.10

D3346-12

Test Methods for Rubber Property—Processability of Emulsion SBR (Styrene-Butadiene Rubber) With the Mooney Viscometer (Delta Mooney), 09.01

D3347

Withdrawn 2003; Test Method for Flow Rate and Tap Density of Electrical Grade Magnesium Oxide For Use in Sheathed Heating Elements

D3348-12

Test Method for Rapid Field Test for Trace Lead in Unleaded Gasoline (Colorimetric Method), 05.01

D3349-12

Test Method for Absorption Coefficient of Ethylene Polymer Material Pigmented with Carbon Black, 10.02

D3350-14

Specification for Polyethylene Plastics Pipe and Fittings Materials, 08.02

D3351

Withdrawn 2000; Test Method for Gel Count of Plastic Film

D3352-08a

Test Method for Strontium Ion in Brackish Water, Seawater, and Brines, 11.02

D3353-10

Test Methods for Fibrous-Insulated Magnet Wire, 10.02

D3354-15

Test Method for Blocking Load of Plastic Film by the Parallel Plate Method, 08.02

D3355

Withdrawn 1988; Method of Test for Fiber Content of Unidirectional Fiber-Resin Composites by Electrical Resistivity

D3356

Withdrawn 1992; Specification for Fittings for Bituminized Fiber Drain and Sewer Pipe

D3357

Withdrawn 1991; Test Method for Radioactive Nickel in Water

D3358

Withdrawn 1994; Guide for Testing Water-Borne Floor Paints; Replaced by D5324

D3359-09^{ε2}

Test Methods for Measuring Adhesion by Tape Test, 06.01

D3360

Withdrawn 2003; Test Method for Particle Size Distribution by Hydrometer of the Common White Extender Pigments

D3361/D3361M-13

Practice for Unfiltered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings, 06.01

D3362

Withdrawn 2011; Test Method for Purity of Acrylate



Esters by Gas Chromatography

D3363-05(2011)^{e2}

Test Method for Film Hardness by Pencil Test, **06.01**

D3364-99(2011)

Test Method for Flow Rates for Poly(Vinyl Chloride) with Molecular Structural Implications, 08.02

D3365

Withdrawn 1987; Method of Test for Concentration and Particle Size Distribution of Airborne Particulates Collected in Liquid Media Using an Electronic Counter

D3366

Withdrawn 2012; Test Method for Color of Maleic Anhydride and Phthalic Anhydride in the Molten State and After Heating (Platinum-Cobalt Scale)

D3367-13

Test Method for Plasticizer Sorption of Poly(Vinyl Chloride) Resins Under Applied Centrifugal Force, **08.02**

D3368-14

Specification for FEP-Fluorocarbon Sheet and Film, 08.02

D3369

Withdrawn 2006; Specification for Polytetrafluoroethylene (PTFE) Resin Cast Film

D3370-10

Practices for Sampling Water from Closed Conduits, **11.01**

D3371

Withdrawn 2002; Test Method for Nitriles in Aqueous Solution by Gas-Liquid Chromatography

D3372-12

Test Method for Molybdenum in Water, **11.01**

D3373-12

Test Method for Vanadium in Water, 11.01

D3374/D3374M-14

Specification for Vinyl-Coated Glass Yarns, 07.01

D3375-95a(2007)

Test Method for Column Capacity of Particulate Mixed Bed IonExchange Materials, 11.02

D3376-14

Test Methods of Sampling and Testing Pulps to be Used in the Manufacture of Electrical Insulation, 10.02

D3377-04(2013)

Test Method for Weight Loss of Solventless Varnishes, 10.02

D3378

Withdrawn 1985; Specification for Asphalt-Saturated and Coated Asbestos Felt Base Sheet Used in Roofing

D3380-14

Test Method for Relative Permittivity (Dielectric Constant) and Dissipation Factor of Polymer-Based Microwave Circuit Substrates, **10.02**

D3381/D3381M-13

Specification for Viscosity-Graded Asphalt Cement for Use in Pavement Construction, 04.03

D3382-13

Test Methods for Measurement of Energy and Integrated Charge Transfer Due to Partial Discharges (Corona) Using Bridge Techniques, 10.02

D3383

Withdrawn 1993; Guide for Testing Solvent-Thinned Floor Paints; Replaced by D5146

D3384

Withdrawn 1977; Method of Test for Powder Resistance of Floor Polish Films; Replaced by D2048

D3385-09

Test Method for Infiltration Rate of Soils in Field Using Double-Ring Infiltrometer, **04.08**

D3386

Withdrawn 2005; Test Method for Coefficient of Linear Thermal Expansion of Electrical Insulating Materials; Replaced by E381

D3387-11

Test Method for Compaction and Shear Properties of Bituminous Mixtures by Means of the U.S. Corps of Engineers Gyrotory Testing Machine (GTM), **04.03**

D3388

Withdrawn 1984; Method of Testing Coated Fabrics—Stiffening at Low Temperatures (Torsional Wire Apparatus); Combined with D 1053

D3389-10

Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Abrader), **09.01**

D3390

Withdrawn 1986; Specification for Rubber Semiconducting Tape

D3391

Withdrawn 1986; Specification for High Voltage Rubber Insulating Tape

D3392

Withdrawn 1984; Recommended Practice for Carbon Black Extractables—Light-Absorption Characteristics

D3393-91(2014)

Specification for Coated Fabrics—Waterproofness, **09.02**

D3394-94(2009)

Test Methods for Sampling and Testing Electrical Insulating Board, 10.02

D3395

Withdrawn 2008; Test Methods for Rubber Deterioration—Dynamic Ozone Cracking in a Chamber; Replaced by D1149

D3396

Withdrawn 1990; Recommended Practice for Carbon Black—Measuring the Precision of ASTM Test Methods; Replaced by D4483

D3397

Withdrawn 1989; Method for Triaxial Classification of Base Materials

D3398

Withdrawn 2013; Test Method for Index of Aggregate Particle Shape and Texture

D3399

Withdrawn 2000; Specification for General-Purpose Synthetic Detergent Liquid

D3400

Withdrawn 2001; Specification for Liquid Sodium Silicates

D3401-97(2012)

Test Methods for Water in Halogenated Organic Solvents and Their Admixtures, **15.05**

D3402/D3402M-93(2008)

Test Method for Tumbler Test for Coke, 05.06

D3403-07(2011)

Test Methods for Rubber—Evaluation of IR (Isoprene



Rubber), 09.01

D3404-91(2013)

Guide for Measuring Matric Potential in Vadose Zone Using Tensiometers, 04.08

D3405

Withdrawn 2002; Specification for Joint Sealants, Hot-Applied, for Concrete and Asphalt Pavements

D3406

Withdrawn 2012; Specification for Joint Sealant, Hot-Applied, Elastomeric-Type, for Portland Cement Concrete Pavements

D3408

Withdrawn 1988; Methods of Testing Joint Sealants, Hot-Poured, Elastomeric-Type, for Portland Cement Concrete Pavements; Replaced by D3583

D3409-93(2008)

Test Method for Adhesion of Asphalt-Roof Cement to Damp, Wet, or Underwater Surfaces, **04.04**

D3410/D3410M-03(2008)

Test Method for Compressive Properties of Polymer Matrix Composite Materials with Unsupported Gage Section by Shear Loading, 15.03

D3411

Withdrawn 1982; Method of Test for Flammability of Textile Materials

D3412/D3412M-13

Test Method for Coefficient of Friction, Yarn to Yarn, **07.01**

D3413

Withdrawn 1991; Test Method for Lead (Inorganic) in Workplace Atmospheres by Atomic Absorption Spectrometry

D3414-98(2011)^{e1}

Test Method for Comparison of Waterborne Petroleum Oils by Infrared Spectroscopy, **11.02**

D3415-98(2011)

Practice for Identification of Waterborne Oils, 11.02

D3416

Withdrawn 1993; Test Method for Total Hydrocarbons, Methane, and Carbon Monoxide (Gas Chromatographic Method)

D3417

Withdrawn 2004; Test Method for Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry (DSC); Replaced by D3418

D3418-12^{e1}

Test Method for Transition Temperatures and Enthalpies of Fusion and Crystallization of Polymers by Differential Scanning Calorimetry, **08.02**

D3419-12

Practice for In-Line Screw-Injection Molding Test Specimens From Thermosetting Compounds, 08.02

D3420-14

Test Method for Pendulum Impact Resistance of Plastic Film, 08.02

D3421

Withdrawn 1987; Recommended Practice for Extraction and Determination of Plasticizer Mixtures from Vinyl Chloride Plastics

D3422

Withdrawn 1985; Method of Test for Toluene Diisocyanate Concentrations in Workplace Atmospheres

D3423/D3423M-84(2011)^{e1}

Practice for Application of Emulsified Coal-Tar Pitch (Mineral Colloid Type), **04.04**

D3424-11

Practice for Evaluating the Relative Lightfastness and Weatherability of Printed Matter, 06.02

D3425

Withdrawn 1993; Guide for Testing Solvent-Based Interior Semigloss Wall and Trim Enamels; Replaced by D5146

D3426-97(2012)

Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials Using Impulse Waves, **10.02**

D3427-14

Test Method for Air Release Properties of Petroleum Oils, 05.01

D3428

Withdrawn 1990; Test Method for Torque Stability Wear and Brine Sensitivity Evaluation of Ball Joint Greases

D3429-93(2012)

Test Method for Solubility of Fixed Gases in Low-Boiling Liquids, **05.01**

D3430-95(2008)

Test Method for Clarity and Yellowness of Liquid Water-Based Clear Floor Polishes, 15.04

D3431

Withdrawn 1993; Test Method for Trace Nitrogen in Liquid Petroleum Hydrocarbons (Microcoulometric Method)

D3432

Withdrawn 2004; Test Method for Unreacted Toluene Diisocyanates in Urethane Prepolymers and Coating Solutions by Gas Chromatography

D3433-99(2012)

Test Method for Fracture Strength in Cleavage of Adhesives in Bonded Metal Joints, **15.06**

D3434-00(2013)

Test Method for Multiple-Cycle Accelerated Aging Test (Automatic Boil Test) for Exterior Wet Use Wood Adhesives, 15.06

D3435

Withdrawn 1989; Specification for Plastic Containers (Jerry Cans) for Petroleum Products

D3436

Withdrawn 2005; Practice for Sampling and Handling Aniline

D3437-11

Practice for Sampling and Handling Liquid Cyclic Products, **06.04**

D3438-10

Practice for Sampling and Handling Naphthalene, Maleic Anhydride, and Phthalic Anhydride, 06.04

D3439

Withdrawn 1995; Test Methods for Assay of Alkaline Cresylate Solutions from Petroleum Sources

D3440-13

Guide for Preparing Specifications for Water-Emulsion Floor Polishes, **15.04**

D3441

Withdrawn 2014; Test Method for Mechanical Cone Penetration Tests of Soil



D3442

Withdrawn 2000; Test Method for Gaseous Tritium Content of the Atmosphere

D3443-00(2015)

Test Method for Chloride in Trichlorotrifluoroethane, **15.05**

D3444-00(2015)

Test Method for Total Acid Number of Trichlorotrifluoroethane, 15.05

D3445

Withdrawn 1991; Test Method for Nonvolatile Matter in Trichlorotrifluoroethane; Replaced by D2109

D3446

Withdrawn 1993; Test Method for Water Content of Trichlorotrifluoroethane with Karl Fischer Reagent

D3447

Withdrawn 2004; Test Method for Purity of Halogenated Organic Solvents; Replaced by D6806

D3448-10(2015)^{e1}

Test Method for Specific Aqueous Conductance of Trichlorotrifluoroethane, **15.05**

D3449

Withdrawn 1990; Test Method for Sulfur Dioxide in Workplace Atmospheres (Barium Perchlorate Method)

D3450-00(2010)^{e1}

Test Method for Washability Properties of Interior Architectural Coatings, **06.02**

D3451-06(2012)

Guide for Testing Coating Powders and Powder Coatings, 06.02

D3452-06(2012)

Practice for Rubber—Identification by Pyrolysis-Gas Chromatography, 09.01

D3453-12

Specification for Flexible Cellular Materials—Urethane for Furniture and Automotive Cushioning, Bedding, and Similar Applications, 08.02

D3454-11

Test Method for Radium-226 in Water, 11.02

D3455-11

Test Methods for Compatibility of Construction Material with Electrical Insulating Oil of Petroleum Origin, 10.03

D3456-86(2012)

Practice for Determining by Exterior Exposure Tests the Susceptibility of Paint Films to Microbiological Attack, 06.01

D3457

Withdrawn 2000; Test Method for Preparation of Methyl Esters from Fatty Acids for Determination of Fatty Acid Composition by Gas-Liquid Chromatography

D3458

Withdrawn 2010; Specification for Copies from Office Copying Machines for Permanent Records

D3459

Withdrawn 2007; Test Method for Humid-Dry Cycling for Coatings on Wood and Wood Products

D3460

Withdrawn 2014; Specification for White Watermarked and Unwatermarked Bond, Reprographic, and Laser Printer Cut-Sized Office Papers

D3461-14

Test Method for Softening Point of Asphalt and Pitch

(Mettler Cup-and-Ball Method), **05.01**

D3462/D3462M-10a

Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules, 04.04

D3463

Withdrawn 1993; Practice for Compression Molding of Specimens of Rigid Acrylonitrile-Butadiene-Styrene (ABS) plastics; Replaced by D4703

D3464-96(2014)

Test Method for Average Velocity in a Duct Using a Thermal Anemometer, **11.07**

D3465-14

Test Method for Purity of Monomeric Plasticizers by Gas Chromatography, 08.02

D3466-06(2011)

Test Method for Ignition Temperature of Granular Activated Carbon, 15.01

D3467-04(2014)

Test Method for Carbon Tetrachloride Activity of Activated Carbon, 15.01

D3468/D3468M-99(2013)^{e1}

Specification for Liquid-Applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing, 04.04

D3469-97(2007)

Test Methods for Measurement of Vertical Downward Forces to Disengage Type IIA Lug-Style Child-Resistant Closures, 15.10

D3470-97(2007)

Test Method for Measurement of Removal Lug Strippage of Type IIA Child-Resistant Closures, 15.10

D3471

Withdrawn 1994; Test Method for Top-Load-to-Engage Removal Lugs on Type IA Child-Resistant Closures

D3472-97(2007)

Test Method for Reverse-Ratchet Torque of Type IA Child-Resistant Closures, **15.10**

D3473

Withdrawn 2001; Test Methods for Lifting Force Required to Remove Certain Child-Resistant Snap Caps

D3474-90(2012)

Practice for Calibration and Use of Torque Meters Used in Packaging Applications, **15.10**

D3475-15

Classification of Child-Resistant Packages, 15.10

D3476

Withdrawn 1991; Test Method for bis (Chloromethyl) Ether (bis CME) in Workplace Atmospheres (Gas Chromatography-Mass Spectrometry)

D3477

Withdrawn 2005; Performance Specification for Men's and Boys' Woven Dress Shirt Fabrics; Replaced by D7020

D3478

Withdrawn 1992; Test Method for Chlorinated Phenoxy Acid Herbicides in Water; Replaced by D5317

D3479/D3479M-12

Test Method for Tension-Tension Fatigue of Polymer Matrix Composite Materials, **15.03**

D3480

Withdrawn 1999; Test Methods for Downward Force Required to Open or Activate Child-Resistant Snap-



Engagement Packages

D3481-06(2011)

Test Method for Manual Shelling Two-Piece Child-Resistant Closures That Are Activated by Two Simultaneous Dissimilar Motions, **15.10**

D3482-07a(2014)

Practice for Determining Electrolytic Corrosion of Copper by Adhesives, 15.06

D3483-14

Test Methods for Accumulated Deposition in a Steam Generator Tube, 11.02

D3484-06(2010)

Test Methods for Rubber—Evaluation of Oil-Extended Solution BR (Polybutadiene Rubber), 09.01

D3485

Withdrawn 2011; Smooth-Wall Coilable Polyethylene (PE) Conduit (Duct) for Preassembled Wire and Cable
D3486

Withdrawn 1995; Practice for Installation of Vulcanizable Rubber Tank Linings and Pipe Linings

D3487-09

Specification for Mineral Insulating Oil Used in Electrical Apparatus, **10.03**

D3488

Withdrawn 1983; Recommended Practice for Rubber—Measuring the Precision of ASTM Test Methods

D3489-11

Test Methods for Microcellular Urethane Materials, **08.02**

D3490

Withdrawn 1997; Specification for Flexible Cellular Materials—Bonded Urethane Foam

D3491

Withdrawn 1997; Test Methods for Vulcanizable Rubber Tank and Pipe Lining

D3492-14

Specification for Rubber Contraceptives (Male Condoms), **09.02**

D3493-14

Test Method for Carbon Black—Oil Absorption Number of Compressed Sample (COAN), 09.01

D3494

Withdrawn 2000; Specification for Water-Emulsion Floor Polish Remover

D3495-10

Test Method for Hexane Extraction of Leather, **15.04**

D3496

Withdrawn 2010; Practice for Preparation of Bituminous Mixture Specimens for Dynamic Modulus Testing

D3497

Withdrawn 2009; Test Method for Dynamic Modulus of Asphalt Mixtures

D3498-03(2011)

Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems, **15.06**

D3499-11

Test Method for Toughness of Wood-Based Structural Panels, 04.10

D3500-14

Test Methods for Structural Panels in Tension, 04.10

D3501-05a(2011)

Test Methods for Wood-Based Structural Panels in Compression, 04.10

D3502

Withdrawn 1984; Test Method for Moisture Absorption of Compressed Wood Products

D3503

Withdrawn 1984; Test Method for Swelling and Recovery of Compressed Wood Products Due to Moisture Absorption

D3504

Withdrawn 2012; Specification for Maleic Anhydride
D3505-12^{e1}

Test Method for Density or Relative Density of Pure Liquid Chemicals, **06.04**

D3506

Withdrawn 1993; Specification for Inhibited Grade Methylene Chloride for Preparing Pentachlorophenol Solutions

D3507

Withdrawn 2008; Test Methods for Penetration of Preservatives in Wood and for Differentiating Between Heartwood and Sapwood

D3508

Withdrawn 1995; Method for Evaluating Water Testing Membrane Filters for Fecal Coliform Recovery

D3509

Withdrawn 1987; Test Method for Electrostatic Field Strength Due to Surface Charges; Replaced by D4470

D3510

Withdrawn 1987; Test Method for Swelling and Recovery of Compressed Wood Products Due to Moisture Absorption

D3511/D3511M-15

Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Brush Pilling Tester, **07.01**

D3512/D3512M-10(2014)

Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester, 07.01

D3513-02(2012)

Test Method for Overlength Fiber Content of Manufactured Staple Fiber, 07.01

D3514/D3514M-10(2014)

Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Elastomeric Pad, 07.01

D3515

Withdrawn 2009; Specification for Hot-Mixed, Hot-Laid Bituminous Paving Mixtures

D3516-89(2011)

Test Methods for Ashing Cellulose, **06.03**

D3517-14

Specification for “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe, 08.03

D3518/D3518M-13

Test Method for In-Plane Shear Response of Polymer Matrix Composite Materials by Tensile Test of a $\pm 45^\circ$ Laminate, 15.03

D3519

Withdrawn 2013; Test Method for Foam in Aqueous Media (Blender Test)

D3520



Withdrawn 2008; Test Method for Quenching Time of Heat-Treating Fluids (Magnetic Quenchometer Method)
D3521-86(2012)

Test Method for Surface Wax Coating On Corrugated Board, **05.01**

D3522

Withdrawn 2012; Test Method for Applied Coating Wax and Impregnating (Saturating) Wax in Corrugated Board Facing

D3523-92(2012)

Test Method for Spontaneous Heating Values of Liquids and Solids (Differential Mackey Test), **05.01**

D3524-14

Test Method for Diesel Fuel Diluent in Used Diesel Engine Oils by Gas Chromatography, 05.01

D3525-04(2010)

Test Method for Gasoline Diluent in Used Gasoline Engine Oils by Gas Chromatography, 05.01

D3526

Not Assigned

D3527-11

Test Method for Life Performance of Automotive Wheel Bearing Grease, **05.01**

D3528-96(2008)

Test Method for Strength Properties of Double Lap Shear Adhesive Joints by Tension Loading, 15.06

D3529M-10

Test Methods for Constituent Content of Composite Prepreg, 15.03

D3530-97(2008)⁻²

Test Method for Volatiles Content of Composite Material Prepreg, 15.03

D3531/D3531M-11

Test Method for Resin Flow of Carbon Fiber-Epoxy Prepreg, 15.03

D3532/D3532M-12

Test Method for Gel Time of Carbon Fiber-Epoxy Prepreg, 15.03

D3533

Withdrawn 2006; Test Method for Rubber—Nitrogen Content

D3534

Withdrawn 2003; Test Method for Polychlorinated Biphenyls (PCBs) in Water

D3535-07a(2013)

Test Method for Resistance to Creep Under Static Loading for Structural Wood Laminating Adhesives Used Under Exterior Exposure Conditions, **15.06**

D3536

Withdrawn 1996; Test Method for Molecular Weight Averages and Molecular Weight Distribution of Polystyrene by Liquid Exclusion Chromatography (Gel Permeation Chromatography—GPC); Replaced by D5296

D3537

Withdrawn 1985; Test Method for Tensile Adhesion of Spray-Applied Rigid Urethane Foam in the Field

D3538

Withdrawn 1981; Recommended Practices for Sampling and Handling Cresylic Acid; Replaced by D3852

D3539

Withdrawn 2015; Test Methods for Evaporation Rates of Volatile Liquids by Shell Thin-Film Evaporometer

D3540-12

Specification for Primary Amyl Acetate, Synthetic (98 % Grade), **06.04**

D3541

Withdrawn 2011; Specification for 2-Ethylhexyl Acrylate
D3542-08(2013)

Specification for Preformed Polychloroprene Elastomeric Joint Seals for Bridges, **04.03**

D3543-93(2008)

Test Method for Metal Glide Adhesion, 15.04

D3544

Withdrawn 2003; Guide for Reporting Test Methods and Results on High Modulus Fibers

D3545-06(2012)

Test Method for Alcohol Content and Purity of Acetate Esters by Gas Chromatography, **06.04**

D3546-05(2011)

Test Method for Formic Acid in Glacial Acetic Acid, 06.04

D3547

Withdrawn 2011; Specification for n-Butyl Acrylate
D3548-09

Specification for Ethyl Acrylate, **06.04**

D3549/D3549M-11

Test Method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens, 04.03

D3550-01(2007)

Practice for Thick Wall, Ring-Lined, Split Barrel, Drive Sampling of Soils, 04.08

D3551-08

Practice for Laboratory Preparation of Soil-Lime Mixtures Using Mechanical Mixer, 04.08

D3552-12

Test Method for Tensile Properties of Fiber Reinforced Metal Matrix Composites, 15.03

D3553

Withdrawn 2000; Test Method for Fiber Content by Digestion of Reinforced Metal Matrix Composites

D3554-07(2013)

Specification for Track-Resistant Black Thermoplastic High-Density Polyethylene Insulation for Wire and Cable, 75 °C Operation, **10.02**

D3555-07(2013)

Specification for Track-Resistant Black Crosslinked Polyethylene Insulation for Wire and Cable, 90 °C Operation, 10.02

D3556-14

Guide for Deposition on Glassware During Mechanical Dishwashing, 15.04

D3557-12

Test Methods for Cadmium in Water, 11.01

D3558-08

Test Methods for Cobalt in Water, 11.01

D3559-08

Test Methods for Lead in Water, 11.01

D3560

Withdrawn 1991; Test Method for Oxygen Demand in Water by Combustion-Infrared Analysis

D3561-11

Test Method for Lithium, Potassium, and Sodium Ions in Brackish Water, Seawater, and Brines by Atomic Absorption Spectrophotometry, **11.02**



D3562-14

Performance Specification for Woven Drycleanable Coat Fabrics, 07.01

D3563

Withdrawn 1986; Test Method for Concentration and Particle Size Distribution of Particulate Collected in the Alundum Thimble Using a Liquid Media Electronic Counter

D3564-95(2008)

Practice for Application of Floor Polishes to Maintain Vinyl Composition Tile or Flooring, **15.04**

D3565

Withdrawn 2007; Test Method for Tableware Pattern Removal by Mechanical Dishwasher Detergents

D3566-03(2014)

Practice for Rubber—Determination of Bromine in the Presence of Chlorine by Oxygen Combustion, **09.01**

D3567-97(2011)

Practice for Determining Dimensions of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting Resin) Pipe and Fittings, 08.03

D3568-03(2013)

Test Methods for Rubber—Evaluation of EPDM (Ethylene Propylene Diene Terpolymers) Including Mixtures With Oil, 09.01

D3569

Withdrawn 2006; Specification for Joint Sealant, Hot-Applied, Elastomeric, Jet-Fuel-Resistant-Type for Portland Cement Concrete Pavements; Replaced by D7116

D3570

Withdrawn 1986; Test Method for Viscosity of Bituminous Materials With a Sliding Plate Microviscometer

D3571

Withdrawn 2000; Consumer Product Specification for Household Laundry and Dishwasher Water Inlet Hose

D3572

Withdrawn 1997; Consumer Product Specification for Household Laundry and Dishwasher Drain Hose

D3573

Withdrawn 1997; Consumer Product Specification for Sink Spray Hose

D3574-11

Test Methods for Flexible Cellular Materials—Slab, Bonded, and Molded Urethane Foams, **08.02**

D3575-14

Test Methods for Flexible Cellular Materials Made From Olefin Polymers, 08.02

D3576-04(2010)

Test Method for Cell Size of Rigid Cellular Plastics, 08.02

D3577-09^{c1}

Specification for Rubber Surgical Gloves, 09.02

D3578-05(2010)

Specification for Rubber Examination Gloves, 09.02

D3579-77(2010)

Specification for Rubber Surgical Drainage Tubes, Penrose-Type, 09.02

D3580-95(2015)

Test Methods for Vibration (Vertical Linear Motion)

Test of Products, 15.10

D3581

Withdrawn 2006; Specification for Joint Sealant, Hot-

Applied, Jet-Fuel-Resistant Type, for Portland Cement Concrete and Tar-Concrete Pavements; Replaced by D7116

D3582

Withdrawn 1996; Test Methods for Joint Sealant, Hot-Poured, Jet-Fuel-Resistant Type, for Portland Cement Concrete and Tar-Concrete Pavements; Replaced by D5329

D3583

Withdrawn 1995; Methods of Testing Joint Sealant, Hot-Applied, Elastomeric-Type, for Portland Cement Concrete Pavements, or Joint Sealant, Hot-Applied, Elastomeric, Jet-Fuel-Resistant-Type, for Portland Cement Concrete Pavements; Replaced by D3569, D5329

D3584

Withdrawn 1996; Practice for Indexing Papers and Reports on Soil and Rock for Engineering Purposes

D3585-08(2013)

Specification for ASTM Reference Fluid for Coolant Tests, **15.05**

D3586

Withdrawn 1991; Test Method for Chromium in Workplace Atmospheres (Colorimetric Method)

D3587

Withdrawn 1981; Test Method for Tin (Inorganic) in Workplace Atmospheres (Colorimetric Method)

D3588-98(2011)

Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels, **05.06**

D3589

Withdrawn 1991; Test Method for Total Nitrogen in Water by Microcoulometry

D3590-11

Test Methods for Total Kjeldahl Nitrogen in Water, **11.02**

D3591-97(2011)

Test Method for Determining Logarithmic Viscosity Number of Poly(Vinyl Chloride) (PVC) in Formulated Compounds, 08.02

D3592

Withdrawn 1989; Recommended Practice for Determining Molecular Weight by Vapor Pressure Osmometry

D3593

Withdrawn 1993; Test Method for Molecular Weight Averages/Distribution of Certain Polymers by Liquid Size-Exclusion Chromatography (Gel Permeation Chromatography GPC) Using Universal Calibration; Replaced by D5296

D3594-93(2013)

Test Method for Copolymerized Ethyl Acrylate In Ethylene-Ethyl Acrylate Copolymers, **08.02**

D3595-14

Specification for Polychlorotrifluoroethylene (PCTFE) Extruded Plastic Sheet and Film, 08.02

D3596-14

Practice for Determination of Gels (Fisheyes) In General-Purpose Poly(Vinyl Chloride) (PVC) Resins, 08.02

D3597-02(2013)

Performance Specification for Woven Upholstery Fabrics—Plain, Tufted, or Flocked, 07.01

D3598-89(2009)

Test Method for Citrate in Synthetic Detergents, 15.04

**D3599**

Withdrawn 1989; Test Method for Feltability of Wool
D3600

Withdrawn 1989; Performance Specification for Men's and Boy's Woven Rainwear and All-Purpose, Water-Repellent Coat Fabrics; Replaced by D3779
D3601

Withdrawn 2013; Test Method for Foam In Aqueous Media (Bottle Test)
D3602

Withdrawn 1994; Test Method for Water Separation Characteristics of Aviation Turbine Fuels; Replaced by D3948
D3603-07

Test Method for Rust-Preventing Characteristics of Steam Turbine Oil in the Presence of Water (Horizontal Disk Method), **05.01**

D3604

Withdrawn 1989; Test Method for Volume Change of Elastomeric Materials in Hydraulic Fluids Under Static Conditions
D3605-00(2011)

Test Method for Trace Metals in Gas Turbine Fuels by Atomic Absorption and Flame Emission Spectroscopy, **05.01**

D3606-10

Test Method for Determination of Benzene and Toluene in Finished Motor and Aviation Gasoline by Gas Chromatography, **05.01**

D3607-08(2012)

Test Method for Removing Volatile Contaminants from Used Engine Oils by Stripping, **05.01**

D3608-95(2011)

Test Method for Nitrogen Oxides (Combined) Content in the Atmosphere by the Griess-Saltzman Reaction, **11.07**

D3609-00(2014)

Practice for Calibration Techniques Using Permeation Tubes, **11.07**

D3610-00(2010)

Test Method for Total Cobalt in Alumina-Base Cobalt-Molybdenum Catalyst by Potentiometric Titration Method, **05.05**

D3611-06(2011)

Practice for Accelerated Aging of Pressure-Sensitive Tapes, **15.10**

D3612-02(2009)

Test Method for Analysis of Gases Dissolved in Electrical Insulating Oil by Gas Chromatography, **10.03**
D3613

Withdrawn 2007; Practice for Sampling Insulating Liquids for Gas Analysis and Determination of Water Content

D3614-07(2013)

Guide for Laboratories Engaged in Sampling and Analysis of Atmospheres and Emissions, **11.07**

D3615

Withdrawn 1993; Test Method for Chemical Resistance of Thermoset Molding Compounds Used in the Manufacture of Molded Fittings

D3616-95(2014)

Test Method for Rubber—Determination of Gel, Swelling

Index, and Dilute Solution Viscosity, **09.01**

D3617-07

Practice for Sampling and Analysis of Built-Up Roof Systems During Application, **04.04**

D3618-05(2010)

Test Method for Detection of Lead in Paint and Dried Paint Films, **06.01**

D3619

Withdrawn 2004; Specification for Aluminum Silicate Pigments (Anhydrous)

D3620-04(2009)

Specification for Glacial Acetic Acid, **06.04**

D3621

Withdrawn 1988; Practice for the Determination of Water in Acetate Esters; Replaced by D1364

D3622-11

Specification for 1-Propanol (n-Propyl Alcohol), **06.04**

D3623-78a(2012)

Test Method for Testing Antifouling Panels in Shallow Submergence, **06.02**

D3624-85a(2010)

Test Method for Low Concentrations of Mercury in Paint by Atomic Absorption Spectroscopy, **06.01**

D3625/D3625M-12

Practice for Effect of Water on Bituminous-Coated Aggregate Using Boiling Water, **04.03**

D3626

Withdrawn 1996; Test Method for Tar Acid Composition by Gas Liquid Chromatography; Replaced by D5310
D3627

Withdrawn 2005; Test Method for Color of Cresylic Acids ("C" Series Standards)

D3628-08

Practice for Selection and Use of Emulsified Asphalts, **04.03**

D3629

Withdrawn 2005; Test Method for Rubber Property—Cut Growth Resistance

D3630

Withdrawn 2001; Guide for Determining Constituents Classified as Hazardous Contained in Protective Coatings

D3631-99(2011)

Test Methods for Measuring Surface Atmospheric Pressure, **11.07**

D3632-98(2011)

Test Method for Accelerated Aging of Adhesive Joints by the Oxygen-Pressure Method, **15.06**

D3633/D3633M-12

Test Method for Electrical Resistivity of Membrane-Pavement Systems, **04.03**

D3634-99(2015)

Test Method for Trace Chloride Ion in Engine Coolants, **15.05**

D3635-13

Test Method for Dissolved Copper In Electrical Insulating Oil By Atomic Absorption Spectrophotometry, **10.03**

D3636-13a¹

Practice for Sampling and Judging Quality of Solid Electrical Insulating Materials, **10.02**

D3637



Withdrawn 1998; Test Methods for Permeability of Bituminous Mixtures

D3638-12

Test Method for Comparative Tracking Index of Electrical Insulating Materials, **10.02**

D3639/D3639M-92(2011)^{e1}

Test Method for Classification of Asbestos by Quebec Standard Test, 04.05

D3640

Withdrawn 1995; Guidelines for Emission Control in Solvent Metal-Cleaning Systems

D3641-14

Practice for Injection Molding Test Specimens of Thermoplastic Molding and Extrusion Materials, **08.02**

D3642-13

Test Method for Softening Point of Certain Alkali-Soluble Resins, 15.04

D3643-10

Test Method for Acid Number of Certain Alkali-Soluble Resins, 15.04

D3644-06(2012)

Test Method for Acid Number of Styrene-Maleic Anhydride Resins, 15.04

D3645-08

Test Methods for Beryllium in Water, 11.01

D3646

Withdrawn 1985; Specification for Reinforced and Filled Polyphenylene Sulfide Injection Molding and Extrusion Materials; Replaced by D4067

D3647-09

Practice for Classifying Reinforced Plastic Pultruded Shapes According to Composition, **08.02**

D3648-14

Practices for the Measurement of Radioactivity, 11.02

D3649-06(2014)

Practice for High-Resolution Gamma-Ray Spectrometry of Water, 11.02

D3650-93(2011)

Test Method for Comparison of Waterborne Petroleum Oils By Fluorescence Analysis, 11.02

D3651-11

Test Method for Barium in Brackish Water, Seawater, and Brines, 11.02

D3652M

Withdrawn 1998; Replaced by D3652/D3652M

D3652/D3652M-01(2012)

Test Method for Thickness of Pressure-Sensitive Tapes, **15.10**

D3653

Withdrawn 1984; Test Method for Holding Power of Lineal and Multidirection Filament-Reinforced Pressure-Sensitive Tapes

D3654/D3654M-06(2011)

Test Methods for Shear Adhesion of Pressure-Sensitive Tapes, **15.10**

D3655-14

Performance Specification for Men's and Women's Sliver Knitted Overcoat and Jacket Fabrics, 07.01

D3656/D3656M-13

Specification for Insect Screening and Louver Cloth Woven from, 07.01

D3657-03(2014)

Specification for Zipper Dimensions, 07.01

D3658-01(2008)

Test Method for Determining the Torque Strength of Ultraviolet (UV) Light-Cured Glass/Metal Adhesive Joints, 15.06

D3659

Withdrawn 2001; Test Method for Flammability of Apparel Fabrics by Semi-Restraint Method

D3660

Withdrawn 1995; Test Method for Staple Length of Man-Made Fibers, Average and Distribution (Fiber Array Method)

D3661

Withdrawn 1994; Test Method for Staple Length of Man-Made Fibers Average and Distribution (Single-Fiber Length Machine Method)

D3662/D3662M

Withdrawn 1999; Test Method for Bursting Strength of Pressure-Sensitive Tapes

D3663-03(2008)

Test Method for Surface Area of Catalysts and Catalyst Carriers, **05.05**

D3664-04(2009)

Specification for Biaxially Oriented Polymeric Resin Film for Capacitors in Electrical Equipment, 10.02

D3665-12

Practice for Random Sampling of Construction Materials, 04.03

D3666-13

Specification for Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials, 04.03

D3667-05(2010)

Specification for Rubber Seals Used in Flat-Plate Solar Collectors, 09.02

D3668

Withdrawn; Test Method for Bearing Ratio of Laboratory Compacted Soil-Lime Mixtures

D3669

Withdrawn 1985; Test Method for Analysis for Carbon Monoxide Content of the Atmosphere (Manual-Turbidimetric Method)

D3670-91(2014)

Guide for Determination of Precision and Bias of Methods of Committee D22, **11.07**

D3671

Withdrawn 1984; Test Method for Xylene Insoluble (XI) Content of Tar and Pitch; Replaced by D4072

D3672

Withdrawn 1991; Specification for Venting Asphalt-Saturated and Coated Inorganic Felt Base Sheet Used in Roofing; Replaced by D4897

D3673-89(2009)

Test Methods for Chemical Analysis of Alpha Olefin Sulfonates, **15.04**

D3674

Withdrawn 1999; Test Method for Carbon Black—Relative Extrusion Mass

D3675-14

Test Method for Surface Flammability of Flexible Cellular Materials Using a Radiant Heat Energy Source, **08.02**

D3676-13



Specification for Rubber Cellular Cushion Used for Carpet or Rug Underlay, 08.02

D3677-10^{e1}

Test Methods for Rubber—Identification by Infrared Spectrophotometry, 09.01

D3678-14

Specification for Rigid Poly(Vinyl Chloride) (PVC) Interior-Profile Extrusions, 08.03

D3679-13

Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding, 08.03

D3680

Withdrawn 2005; Test Method for Residual Vinyl Chloride Monomer Content of Poly(Vinyl Chloride) Resins, Compounds, and Copolymers by Solution Injection Technique

D3681-12^{e1}

Test Method for Chemical Resistance of “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe in a Deflected Condition, 08.03

D3682-13

Test Method for Major and Minor Elements in Combustion Residues from Coal Utilization Processes, 05.06

D3683-11

Test Method for Trace Elements in Coal and Coke Ash by Atomic Absorption, 05.06

D3684

Withdrawn 2014; Test Method for Total Mercury in Coal by the Oxygen Bomb Combustion/Atomic Absorption Method

D3685/D3685M-13

Test Methods for Sampling and Determination of Particulate Matter in Stack Gases, 11.07

D3686-13

Practice for Sampling Atmospheres to Collect Organic Compound Vapors (Activated Charcoal Tube Adsorption Method), 11.07

D3687-07(2012)

Practice for Analysis of Organic Compound Vapors Collected by the Activated Charcoal Tube Adsorption Method, 11.07

D3688

Withdrawn 1992; Guide for Reporting the Characterization of Smoking Product Atmospheres Used to Expose Biological Systems

D3689/D3689M-07(2013)^{e1}

Test Methods for Deep Foundations Under Static Axial Tensile Load, 04.08

D3690-02(2009)

Performance Specification for Vinyl-Coated and Urethane-Coated Upholstery Fabrics—Indoor, 07.01

D3691/D3691M-09

Performance Specification for Woven, Lace, and Knit Household Curtain and Drapery Fabrics, 07.01

D3692-89(2012)

Practice for Selection of Zippers for Care-Labeled Apparel and Household Furnishings, 07.01

D3693-02(2010)

Specification for Labeled Length per Holder of Sewing Thread, 07.01

D3694-96(2011)

Practices for Preparation of Sample Containers and for Preservation of Organic Constituents, 11.02

D3695-95(2013)

Test Method for Volatile Alcohols in Water by Direct Aqueous-Injection Gas Chromatography, 11.02

D3696

Withdrawn 2006; Practice for Evaluating an Effluent for Flavor Impairment to Fish Flesh:/i

D3697-12

Test Method for Antimony in Water, 11.01

D3698-04(2015)

Practice for Solvent Vapor Degreasing Operations, 15.05

D3699-13b

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D3700-14

Practice for Obtaining LPG Samples Using a Floating Piston Cylinder, 05.01

D3701-01(2012)

Test Method for Hydrogen Content of Aviation Turbine Fuels by Low Resolution Nuclear Magnetic Resonance Spectrometry, 05.01

D3702-94(2014)

Test Method for Wear Rate and Coefficient of Friction of Materials in Self-Lubricated Rubbing Contact Using a Thrust Washer Testing Machine, 05.01

D3703-13

Test Method for Hydroperoxide Number of Aviation Turbine Fuels, Gasoline and Diesel Fuels, 05.01

D3704-96(2012)

Test Method for Wear Preventive Properties of Lubricating Greases Using the (Falex) Block on Ring Test Machine in Oscillating Motion, 05.01

D3705-14

Test Method for Misting Properties of Lubricating Fluids, 05.01

D3706

Withdrawn 2004; Test Method for Hot Tack of Wax-Polymer Blends by the Flat Spring Test

D3707-89(2010)

Test Method for Storage Stability of Water-in-Oil Emulsions by the Oven Test Method, 05.01

D3708

Withdrawn 2015; Test Method for Weight of Wax Applied During Curtain Coating Operation

D3709-89(2010)

Test Method for Stability of Water-in-Oil Emulsions Under Low to Ambient Temperature Cycling Conditions, 05.01

D3710

Withdrawn 2014; Test Method for Boiling Range Distribution of Gasoline and Gasoline Fractions by Gas Chromatography; Replaced by D7096

D3711-95(2009)

Test Method for Deposition Tendencies of Liquids in Thin Films and Vapors, 05.02

D3712-05(2011)

Test Method of Analysis of Oil-Soluble Petroleum Sulfonates by Liquid Chromatography, 05.02

D3713

Withdrawn 2000; Test Method for Measuring Response of Solid Plastics to Ignition by a Small Flame

D3714



Withdrawn 1994; Test Method for Black Marking Resistance of Floor Polishes as Measured by the Ladder and Pendulum Apparatus

D3715

Withdrawn 1998; Replaced by D3715/D3715M

D3715/D3715M-98(2011)

Practice for Quality Assurance of Pressure-Sensitive Tapes, **15.10**

D3716-14

Test Methods for Use of Emulsion Polymers in Floor Polishes, 15.04

D3717-85a(2010)

Test Method for Low Concentrations of Antimony in Paint by Atomic Absorption Spectroscopy, 06.01

D3718-85a(2010)

Test Method for Low Concentrations of Chromium in Paint by Atomic Absorption Spectroscopy, 06.01

D3719

Withdrawn 2009; Test Method for Quantifying Dirt Collection on Coated Exterior Panels

D3720-90(2011)

Test Method for Ratio of Anatase to Rutile in Titanium Dioxide Pigments by X-Ray Diffraction, **06.03**

D3721-05(2011)

Specification for Synthetic Red Iron Oxide Pigment, 06.03

D3722-05(2011)

Specification for Natural Red and Brown Iron Oxide Pigments, 06.03

D3723-05(2011)

Test Method for Pigment Content of Water-Emulsion Paints by Low-Temperature Ashing, 06.01

D3724-01(2012)

Specification for Synthetic Brown Iron Oxide Pigment, 06.03

D3725

Withdrawn 2007; Test Method for Semiquantitative Determination of Fish Oil in Drying Oils and Drying Oil Fatty Acids by Gas-Liquid Chromatography

D3726

Withdrawn 1987; Specification for n-Butyl Acetate (99.5 % grade); Replaced by D4615

D3727

Withdrawn 1987; Specification for Ethyl Acetate (99.5 % grade); Replaced by D4614

D3728-08(2012)

Specification for 2-Ethoxyethyl Acetate (99 % Grade), **06.04**

D3729

Withdrawn 1990; Specification for Methyl Ethyl Ketone (99.5 % grade) for Urethane Coatings; Replaced by D740

D3730-10

Guide for Testing High-Performance Interior Architectural Wall Coatings, **06.02**

D3731-87(2012)

Practices for Measurement of Chlorophyll Content of Algae in Surface Waters, 11.02

D3732-82(2011)

Practice for Reporting Cure Times of Ultraviolet-Cured Coatings, 06.02

D3733

Withdrawn 2007; Test Method for Silicon Content of

Silicone Polymers and Silicone-Modified Alkyds by Atomic Absorption

D3734-05(2010)

Specification for High-Flash Aromatic Naphthas, **06.04**

D3735-07(2012)

Specification for VM&P Naphthas, 06.04

D3736

Withdrawn 1985; Test Method for Operating Characteristics of Reverse-Osmosis Devices; Replaced by D4194

D3737-12

Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam), **04.10**

D3738-84(2010)

Specification for Rubber-Coated Cloth Hospital Sheeting, 09.02

D3739-06(2010)

Practice for Calculation and Adjustment of the Langelier Saturation Index for Reverse Osmosis, 11.02

D3740-12a

Practice for Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction, 04.08

D3741-00(2015)^{e1}

Test Methods for Appearance of Admixtures Containing Halogenated Organic Solvents, 15.05

D3742

Withdrawn 2003; Test Method for 1,1,1-Trichloroethane Content; Replaced by D6806

D3743

Withdrawn 2004; Terminology Relating to Bridge Deck and Substructure Protection

D3744/D3744M-11a

Test Method for Aggregate Durability Index, **04.03**

D3745/D3745M-95(2015)^{e1}

Practice for Installation of Prefabricated Asphalt Reservoir, Pond, Canal, and Ditch Liner (Exposed Type), 04.13

D3746-85(2008)

Test Method for Impact Resistance of Bituminous Roofing Systems, 04.04

D3747-79(2007)

Specification for Emulsified Asphalt Adhesive for Adhering Roof Insulation, 04.04

D3748-14

Practice for Evaluating High-Density Rigid Cellular Plastics, 08.02

D3749-13

Test Method for Residual Vinyl Chloride Monomer in Poly(Vinyl Chloride) Resins by Gas Chromatographic Headspace Technique, 08.02

D3750

Withdrawn 1992; Practice for Determination of Number-Average Molecular Weight of Polymers by Membrane Osmometry

D3751/D3751M-10

Practice for Evaluation of Furniture Polish, **15.04**

D3752-98(2011)

Test Method for Strength Imparted by Asbestos to a Cementitious Matrix, 04.05

D3753-12^{e1}



Specification for Glass-Fiber-Reinforced Polyester Manholes and Wetwells, 08.03

D3754-14

Specification for “Fiberglass” (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe, 08.03

D3755-14

Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials Under Direct-Voltage Stress, 10.02

D3756-97(2010)

Test Method for Evaluation of Resistance to Electrical Breakdown by Treeing in Solid Dielectric Materials Using Diverging Fields, 10.02

D3757-89(2010)

Guide for Preparing Specifications for Solvent-based Floor Polishes, 15.04

D3758-95(2010)

Practice for Evaluation of Spray-Buff Products on Test Floors, 15.04

D3759M

Withdrawn 1998; Replaced by D3759/D3759M

D3759/D3759M-05(2011)

Test Method for Breaking Strength and Elongation of Pressure-Sensitive Tape, 15.10

D3760-13

Test Method for Analysis of Isopropylbenzene (Cumene) by Gas Chromatography, 06.04

D3761-10

Test Method for Total Fluorine in Coal by the Oxygen Bomb Combustion/Ion Selective Electrode Method, 05.06

D3762-03(2010)

Test Method for Adhesive-Bonded Surface Durability of Aluminum (Wedge Test), 15.06

D3763-14

Test Method for High Speed Puncture Properties of Plastics Using Load and Displacement Sensors, 08.02

D3764-13

Practice for Validation of the Performance of Process Stream Analyzer Systems, 05.02

D3765

Withdrawn 2007; Test Method for Carbon Black—CTAB (Cetyltrimethylammonium Bromide) Surface Area

D3766-08(2013)

Terminology Relating to Catalysts and Catalysis, 05.05

D3767-03(2014)

Practice for Rubber—Measurement of Dimensions, 09.01

D3768-11

Test Method for Microcellular Urethanes—Flexural Recovery, 08.02

D3769-10

Test Method for Microcellular Urethanes—High-Temperature Sag, 08.02

D3770

Withdrawn 1998; Specification for Flexible Cellular Materials—High Resilience Polyurethane Foam (HR) and Combustion Modified High Resilience (CMHR) Polyurethane Foam

D3771-03(2007)

Specification for Rubber Seals Used in Concentrating Solar Collectors, 09.02

D3772-01(2010)

Specification for Natural Rubber Finger Cots, 09.02

D3773/D3773M-10(2014)

Test Methods for Length of Woven Fabric, 07.01

D3774-96(2012)

Test Method for Width of Textile Fabric, 07.01

D3775-12

Test Method for Warp (End) and Filling (Pick) Count of Woven Fabrics, 07.01

D3776/D3776M-09a(2013)

Test Methods for Mass Per Unit Area (Weight) of Fabric, 07.01

D3777

Withdrawn 2008; Practice for Writing Specifications for Textiles

D3778

Withdrawn 1999; Performance Specification for Women’s and Girls’ Drycleanable Woven Dress Coat Fabrics; Replaced by D3562

D3779

Withdrawn 2005; Performance Specification for Women’s and Girls’ Woven Rainwear and All-Purpose, Water-Repellent Coat Fabric; Replaced by D7017

D3780-14

Performance Specification for Men’s and Boys’ Woven Dress Suit Fabrics and Woven Sportswear Jacket, Slack, and Trouser Fabrics, 07.01

D3781

Withdrawn 2005; Performance Specification for Men’s and Boys’ Knitted Rainwear and All-Purpose, Water-Repellent Coat Fabrics; Replaced by D7017

D3782-14

Performance Specification for Men’s and Boys’ Knitted Dress Suit Fabrics and Knitted Sportswear Jacket, Slack, and Trouser Fabrics, 07.01

D3783

Withdrawn 2011; Performance Specification for Woven Flat Lining Fabrics for Men’s and Boys’ Apparel

D3784

Withdrawn 2005; Performance Specification for Men’s and Boys’ Woven Bathrobe and Dressing Gown Fabrics; Replaced by D7021

D3785-14

Performance Specification for Woven Necktie and Scarf Fabrics, 07.01

D3786/D3786M-13

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D4276-02(2012)
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D4277
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D4278
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D4279-95(2009)
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D4281
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D4282-02(2010)
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D4283-98(2010)
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D4284-12
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D4285-83(2012)
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D4286-08
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D4287-00(2010)
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D4288-02(2012)
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D4289-13(2014)^{e1}
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D4290-07(2012)



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D4291-04(2013)

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D4292-10

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D4293-83(2008)

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D4294-10

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D4295-89(2012)

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D4296-83(2009)

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D4297-10

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D4298-04(2014)^{c1}

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D4299

Withdrawn 1990; Test Methods for Effect of Bacterial Contamination on Permeance of Adhesive Preparations and Adhesives Films; Replaced by D4300, D4783

D4300-01(2013)

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D4301-05(2013)

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D4302-14

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D4303-10

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D4304-13

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D4305

Withdrawn 2010; Test Method for Filter Flow of Aviation Fuels at Low Temperatures

D4306-13

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D4307-99(2010)

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D4308-13

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D4309-12

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D4311/D4311M-15

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D4312-95a(2010)

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D4314-12

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D4315-94(2012)

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D4316-95(2010)

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D4317-98(2011)

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D4318-10^{c1}

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D4319

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D4320/D4320M-09

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D4321-09

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D4322

Withdrawn 2010; Test Method for Residual Acrylonitrile Monomer Styrene-Acrylonitrile Copolymers and Nitrile Rubber by Headspace Gas Chromatography

D4323-15

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D4324

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D4325-13

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D4326-13

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D4327-11

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D4328-08(2013)

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D4329-13



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D4330-94(2008)

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D4332-14

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D4333/D4333M-05(2010)^{e1}

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D4334-05(2010)

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D4335-99(2010)

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D4336-05(2010)

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D4337-89(2009)

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D4338-97(2011)^{e1}

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D4339-01(2013)

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D4340-10

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D4341

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D4342

Withdrawn 2003; Practice for Collecting of Benthic Macroinvertebrates with Ponar Grab Sampler
D4343

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D4344

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D4345

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D4346

Withdrawn 2003; Practice for Collecting Benthic Macroinvertebrates with Okean 50 Grab Sampler
D4347

Withdrawn 2003; Practice for Collecting Benthic Macroinvertebrates with Shipek (Scoop) Grab Sampler
D4348

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D4349-10

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D4350-13

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D4351

Withdrawn 1992; Test Method for Measuring the Thermal Conductivity of Plastics by the Evaporation-Calorimetric Method
D4352

Withdrawn 2003; Test Method for Determination of Magnetic Material Impurities in Electrical Grade Magnesium Oxide
D4353

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D4354-12

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D4355/D4355M-14

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D4356

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D4357

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D4358

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D4359-90(2012)

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D4360-11

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D4362-13

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D4363-12

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D4365-13

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D4366-14

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D4367-02(2012)

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Withdrawn 2005; Guide for Testing Poly(Vinyl Chloride) Resins

D4369

Withdrawn 1999; Specification for Boxed Facial Tissue for Industrial and Institutional Use

D4370-01(2012)

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D4371-06(2012)

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D4372

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D4373-14

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D4374

Withdrawn 2013; Test Methods for Cyanides in Water--Automated Methods for Total Cyanide, Weak Acid Dissociable Cyanide, and Thiocyanate

D4375-96(2011)

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D4376-02(2012)

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D4377-00(2011)

Test Method for Water in Crude Oils by Potentiometric Karl Fischer Titration, 05.02

D4378-13

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D4379

Withdrawn 1987; Test Method for Emulsified Asphalt/Job Aggregate Cold Mix Test; Combined with D 244

D4380-12

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D4381/D4381M-12

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D4382-12

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D4383-12

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D4384

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D4385-13

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D4386-95(2008)

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D4387

Withdrawn 2003; Guide for Selecting Grab Sampling

Devices for Collecting Benthic Macroinvertebrates

D4388-13

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D4389/D4389M-04(2010)^{e1}

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D4390

Withdrawn 1994; Practice for the Evaluation of the Performance of Terry Bathroom Products for Household Use; Replaced by D5433

D4391-93a(2013)^{e2}

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D4392

Withdrawn 1993; Terminology for Statistically Related Terms

D4393/D4393M

Withdrawn 2014; Test Method for Strap Peel Adhesion of Reinforcing Cords or Fabrics to Rubber Compounds

D4394-08

Test Method for Determining In Situ Modulus of Deformation of Rock Mass Using Rigid Plate Loading Method, **04.08**

D4395-08

Test Method for Determining In Situ Modulus of Deformation of Rock Mass Using Flexible Plate Loading Method, 04.08

D4396

Withdrawn 2015; Specification for Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Nonpressure Applications

D4397-10

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D4398

Withdrawn 2015; Test Method for Determining the Chemical Resistance of Fiberglass-Reinforced Thermosetting Resins by One-Side Panel Exposure

D4399-05(2011)

Test Method for Measuring Electrical Conductivity of Electrocoat Baths, **06.01**

D4400-99(2012)^{e1}

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D4401

Withdrawn 2003; Practice for Collecting Benthic Macroinvertebrates With Petersen Grab Sampler

D4402/D4402M-13

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D4403-12

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D4404-10

Test Method for Determination of Pore Volume and Pore Volume Distribution of Soil and Rock by Mercury Intrusion Porosimetry, 04.08

D4405

Withdrawn 2005; Test Method for Creep of Soft Rock Core Specimens in Uniaxial Compression at Ambient or



Elevated Temperature; Replaced by D7070
D4406

Withdrawn 2005; Test Method for Creep of Rock Core Specimens in Triaxial Compression at Ambient or Elevated Temperatures; Replaced by D7070
D4407

Withdrawn 2003; Practice for Collecting Benthic Macro-invertebrates With Orange Peel Grab Sampler
D4408

Withdrawn 1994; Practice for Open Channel Flow Measurement by Acoustic Means; Replaced by D5389
D4409-95(2014)

Test Method for Velocity Measurements of Water in Open Channels with Rotating Element Current Meters, **11.01**
D4410-10

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D4411-03(2014)^{e1}

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D4412-84(2009)

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D4413

Withdrawn 2014; Test Method for Determination of Ethylene Oxide in Workplace Atmospheres (Charcoal Tube Methodology); Replaced by D5578

D4414-95(2013)

Practice for Measurement of Wet Film Thickness by Notch Gages, **06.01**

D4415

Withdrawn 2011; Test Methods for Determination of Dimer in Acrylic Acid

D4416-09

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D4417-14

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D4418-00(2011)

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D4419-90(2010)

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D4420

Withdrawn 2004; Test Method for Determination of Aromatics in Finished Gasoline by Gas Chromatography; Replaced by D5580

D4421

Withdrawn 2004; Test Method for Volatile Matter in Petroleum Coke

D4422-13

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D4423-10

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D4424-09(2014)

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D4425-09(2014)

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D4426-01(2013)

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D4428/D4428M-14

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D4430-00(2015)

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D4431

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D4432

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D4433

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D4434/D4434M-12

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D4435-13^{e1}

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D4436-13^{e1}

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- D4446/D4446M-13**
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- D4447-10**
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- D4448-01(2013)**
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- D4449-08**
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- D4450-85(2012)**
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- D4451-02(2014)**
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- D4452-14**
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- D4453-11**
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- D4454-85(2009)**
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- D4455-85(2014)**
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- D4456-99(2009)^{e1}**
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- D4457-02(2014)**
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- D4458-09**
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- D4459-12**
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- D4460-97(2015)**
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- D4462-02(2012)**
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- D4463/D4463M-96(2013)^{e1}**
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- D4464-10**
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- D4465-05(2015)**
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- D4466-02(2012)**
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- D4467**
Withdrawn 2010; Practice for Interlaboratory Testing of a Textile Test Method That Produces Non-Normally Distributed Data
- D4468-85(2011)**
Test Method for Total Sulfur in Gaseous Fuels by Hydrogenolysis and, 05.06
- D4469-11**
Practice for Calculating Percent Asphalt Absorption by the Aggregate in an Asphalt Pavement Mixture, 04.03
- D4470-97(2010)**
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- D4471-10**
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- D4472-08(2014)**
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- D4473-08**
Test Method for Plastics: Dynamic Mechanical Properties: Cure Behavior, 08.02
- D4474**
Withdrawn 2008; Classification System for Styrenic Thermoplastic Elastomer Injection Molding and Extrusion Materials (TES)
- D4475-02(2008)**
Test Method for Apparent Horizontal Shear Strength of Pultruded Reinforced Plastic Rods By the Short-Beam Method, 08.02
- D4476/D4476M-14**
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- D4477-09**
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- D4478**
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- D4479/D4479M-07(2012)^{e1}**
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- D4480**
Withdrawn 1999; Test Method for Measuring Surface Wind by Means of Wind Vanes and Rotating Anemometers; Replaced by D5741
- D4481-10**
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- D4482-11**
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- D4483-14a**
Practice for Evaluating Precision for Test Method Standards in the Rubber and Carbon Black Manufacturing Industries, 09.01
- D4484**
Withdrawn 1993; Test Method for Inorganic Particles in



Marine Residual Fuel Oils by Selective Centrifugal Separation; Replaced by D5184

D4485-11c

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D4486-10

Test Method for Kinematic Viscosity of Volatile and Reactive Liquids, 05.02

D4487-90(2014)

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D4488

Withdrawn 2009; Guide for Testing Cleaning Performance of Products Intended for Use on Resilient Flooring and Washable Walls

D4489-95(2011)

Practices for Sampling of Waterborne Oils, **11.02**

D4490-96(2011)

Practice for Measuring the Concentration of Toxic Gases or Vapors Using Detector Tubes, 11.07

D4491-99a(2014)^{c1}

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D4492-10

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D4493-12

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D4494-95(2015)

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D4495-12

Test Method for Impact Resistance of Poly(Vinyl Chloride) (PVC) Rigid Profiles by Means of a Falling Weight, 08.03

D4496-13

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D4498-07

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D4499-07

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D4500

Withdrawn 2001; Test Method for Determining Grit, Lumps, or Undissolved Matter in Water-Borne Adhesives

D4501-01(2014)

Test Method for Shear Strength of Adhesive Bonds Between Rigid Substrates by the Block-Shear Method,

15.06

D4502-92(2011)

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D4503

Withdrawn 2012; Practice for Dissolution of Solid Waste by Lithium Metaborate Fusion

D4504-94(2011)

Specification for Molded Polyethylene Open-Head-Pails for Industrial Shipping of Nonhazardous Goods, **15.10**

D4505-12

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D4506-13^{c1}

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D4507

Withdrawn 1999; Specification for Thermoplastic Polyester (TPES) Materials; Replaced by D5927

D4508-10

Test Method for Chip Impact Strength of Plastics, **08.02**

D4509

Withdrawn 2004; Test Methods for Determining the 24-Hour Gas (AIR) Space Acetaldehyde Content of Freshly Blown PET Bottles

D4510-05(2009)

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D4511-11

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D4512-03(2013)^{c1}

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D4514-12

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D4515

Withdrawn 2006; Practice for Estimation of Holding Time for Water Samples Containing Organic Constituents; Replaced by D4841

D4516-00(2010)

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D4517-04(2009)

Test Method for Low-Level Total Silica in High-Purity Water by Flameless Atomic Absorption Spectroscopy, 11.02

D4518

Withdrawn 2000; Test Methods for Measuring Static Friction of Coating Surfaces

D4519-10

Test Method for On-Line Determination of Anions and Carbon Dioxide in High Purity Water by Cation Exchange and Degassed Cation Conductivity, **11.01**

D4520-13

Practice for Determining Water Injectivity Through the Use of On-Site Floods, 11.02

D4521

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D4522-14

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D4523

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Filled and Down-Filled Products

D4524-86(2012)

Test Method for Composition of Plumage, **07.02**

D4525-13^{c1}

Test Method for Permeability of Rocks by Flowing Air, 04.08

D4526-12

Practice for Determination of Volatiles in Polymers by Static Headspace Gas Chromatography, 08.02

D4527-99(2011)

Test Method for Carbon Black—Solvent Extractables, 09.01

D4528-88(2012)

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D4529-01(2011)

Test Method for Estimation of Net Heat of Combustion of Aviation Fuels, 05.02

D4530-11

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D4531-86(2008)

Test Methods for Bulk Density of Peat and Peat Products, 04.08

D4532-10

Test Method for Respirable Dust in Workplace Atmospheres Using Cyclone Samplers, 11.07

D4533/D4533M-15

Test Method for Trapezoid Tearing Strength of Geotextiles, 04.13

D4534

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D4535-13^{c1}

Test Methods for Measurement of Thermal Expansion of Rock Using Dilatometer, 04.08

D4536

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D4537-12

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D4538-13

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D4539-10

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D4540

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D4541-09^{c1}

Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers, 06.02

D4542-07

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D4543-08

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Specimens and Verifying Conformance to Dimensional and Shape Tolerances, 04.08

D4544-12

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D4545

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D4546-14

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D4547-09

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D4548-11

Test Method for Anion-Cation Balance of Mixed Bed Ion-Exchange Resins, 11.02

D4549-11

Classification System and Basis for Specification for Polystyrene and Rubber-Modified Polystyrene Molding and Extrusion Materials (PS), 08.02

D4550

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D4551-12

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D4552/D4552M-10

Practice for Classifying Hot-Mix Recycling Agents, 04.03

D4553-08

Test Method for Determining In Situ Creep Characteristics of Rock, 04.08

D4554-12

Test Method for In Situ Determination of Direct Shear Strength of Rock Discontinuities, 04.08

D4555-10

Test Method for Determining Deformability and Strength of Weak Rock by an In Situ Uniaxial Compressive Test, 04.08

D4556

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D4557

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D4558

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D4559-99(2010)

Test Method for Volatile Matter in Silicone Fluid, 10.03

D4560

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D4561-11

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D4562-01(2013)

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**Test Method for Determination by Atomic Absorption Spectroscopy of Titanium Dioxide Content of Pigments Recovered From Whole Paint, 06.01
D4564**

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D4565-10

Test Methods for Physical and Environmental Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable, 10.02

D4566-14

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D4567-03(2013)

Test Method for Single-Point Determination of Specific Surface Area of Catalysts and Catalyst Carriers Using Nitrogen Adsorption by Continuous Flow Method, 05.05

D4568-13

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D4569-06(2012)

Test Method for Rubber Compounding Materials—Determination of Acidity in Sulfur, 09.01

D4570-02(2012)

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D4572-89(2012)

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D4575-09

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D4576-08(2013)

Test Method for Mold Growth Resistance of Wet Blue, 15.04

D4577-05(2010)

Test Method for Compression Resistance of a Container Under Constant Load, 15.10

D4578-06(2012)

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D4579-00(2012)

Practice for Handling an Acid Degreaser or Still, 15.05

D4580/D4580M-12

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D4581

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D4582-10

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D4583-95(2015)

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D4584-05(2010)

Test Method for Measuring Apparent pH of Electrocoat Baths, 06.01

D4585/D4585M-13

Practice for Testing Water Resistance of Coatings Using Controlled Condensation, 06.01

D4586/D4586M-07(2012)^{e1}

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D4587-11

Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings, 06.01

D4588

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D4589

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D4590-13

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D4591-07(2012)

Test Method for Determining Temperatures and Heats of Transitions of Fluoropolymers by Differential Scanning Calorimetry, 08.02

D4592-12

Specification for Preformed Retroreflective Pavement Marking Tape for Limited Service Life, 04.03

D4593

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D4594-96(2009)

Test Method for Effects of Temperature on Stability of Geotextiles, 04.13

D4595-11

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D4596-09

Practice for Collection of Channel Samples of Coal in a Mine, 05.06

D4597-10

Practice for Sampling Workplace Atmospheres to Collect Gases or Vapors with Solid Sorbent Diffusive Samplers, 11.07

D4598

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Practice for Measuring the Concentration of Toxic Gases or Vapors Using Length-of-Stain Dosimeters, 11.07

D4600-95(2010)

Test Method for Determination of Benzene-Soluble Particulate Matter in Workplace Atmospheres, 11.07

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D4602-93(2008)

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Test Method for Determining Inherent Viscosity of Poly(Ethylene Terephthalate) (PET) by Glass Capillary Viscometer, 08.02

D4604

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D4605

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Test Method for Determination of Arsenic and Selenium in Coal by the Hydride Generation/Atomic Absorption Method, **05.06**

D4607-14

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D4608-89(2009)

Test Method for Citrate in Detergents, 15.04

D4609-08

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D4610-98(2013)

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D4611-08

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D4612-08

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D4613

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D4614-11

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D4615-12

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D4616-95(2013)

Test Method for Microscopical Analysis by Reflected Light and Determination of Mesophase in a Pitch, 05.02

D4617

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D4618-92(2010)^{c1}

Specification for Design and Fabrication of Flue Gas Desulfurization System Components for Protective Lining Application, **06.02**

D4619-12

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D4621

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D4622

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D4623-08

Test Method for Determination of In Situ Stress in Rock Mass by Overcoring Method—USBM Borehole Deformation Gauge, **04.08**

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Test Method for Middle Distillate Fuel Storage Stability at 43°C (110°F), **05.02**

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D4627-12

Test Method for Iron Chip Corrosion for Water-Miscible Metalworking Fluids, 05.02

D4628-05(2011)^{c1}

Test Method for Analysis of Barium, Calcium, Magnesium, and Zinc in Unused Lubricating Oils by Atomic Absorption Spectrometry, 05.02

D4629-12

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Test Method for Determining Transmissivity and Storage Coefficient of Low-Permeability Rocks by In Situ Measurements Using the Constant Head Injection Test, 04.08

D4631-95(2008)

Test Method for Determining Transmissivity and Storage Coefficient of Low Permeability Rocks by In Situ Measurements Using Pressure Pulse Technique, 04.08

D4632/D4632M-15

Test Method for Grab Breaking Load and Elongation of Geotextiles, 04.13

D4633-10

Test Method for Energy Measurement for Dynamic Penetrometers, 04.08

D4634-11a

Classification System and Basis for Specification for Styrene-Maleic Anhydride Molding and Extrusion Materials (S/MA), 08.02

D4635-08a

Specification for Polyethylene Films Made from Low-Density Polyethylene for General Use and Packaging Applications, 08.02

D4636-14

Test Method for Corrosiveness and Oxidation Stability of Hydraulic Oils, Aircraft Turbine Engine Lubricants, and Other Highly Refined Oils, 05.02

D4637/D4637M-14^{c1}

Specification for EPDM Sheet Used In Single-Ply Roof Membrane, 04.04



- D4638-11**
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- D4639**
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D4640-86(2009)
Test Method for Determining Stroke Cure Time of Thermosetting Phenol-Formaldehyde Resins, **06.03**
- D4641-12**
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- D4642-04(2010)**
Test Method for Platinum in Reforming Catalysts by Wet Chemistry, 05.05
- D4643-08**
Test Method for Determination of Water (Moisture) Content of Soil by Microwave Oven Heating, 04.08
- D4644-08**
Test Method for Slake Durability of Shales and Similar Weak Rocks, 04.08
- D4645-08**
Test Method for Determination of In-Situ Stress in Rock Using Hydraulic Fracturing Method, 04.08
- D4646-03(2008)**
Test Method for 24-h Batch-Type Measurement of Contaminant Sorption by Soils and Sediments, 11.04
- D4647/D4647M-13**
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- D4648/D4648M-13**
Test Method for Laboratory Miniature Vane Shear Test for Saturated, 04.08
- D4649-03(2009)**
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- D4650-14**
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- D4651-14**
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- D4652-05(2012)**
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- D4653-87(2009)**
Test Method for Total Chlorides in Leather, 15.04
- D4654-87(2009)**
Test Method for Sulfate Basicity in Leather, 15.04
- D4655-95(2012)**
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- D4656**
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- D4657**
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- D4658-09**
Test Method for Sulfide Ion in Water, 11.01
- D4659-14**
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- D4660-12**
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- D4661-13**
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- D4662-08(2011)^{e1}**
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- D4663-10**
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- D4664**
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- D4665**
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- D4666**
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- D4667**
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- D4668**
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- D4671-05(2010)^{e1}**
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- D4672-12**
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- D4673-02(2008)**
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- D4674-02a(2010)**
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- D4675-14a**
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- D4677-87(2013)**
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- D4678-11**
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- D4679-02(2015)^{e1}**
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- D4680-98(2011)**
Test Method for Creep and Time to Failure of Adhesives in Static Shear by Compression Loading (Wood-to-Wood), 15.06
- D4681**
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- D4682-13**
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- D4683-13**
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- D4684-14**
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- D4685/D4685M-15**
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- D4686**
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- D4687-14**
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- D4688/D4688M-14**
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- D4689-12**
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- D4690-12**
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- D4691-11**
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- D4692-01(2010)**
Practice for Calculation and Adjustment of Sulfate Scaling Salts (CaSO₄, SrSO₄, and BaSO₄) for Reverse Osmosis and Nanofiltration, 11.02
- D4693-07(2012)**
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- D4694-09**
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- D4703-10a**
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- D4704-13**
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- D4705-13**
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- D4706**
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- D4707-09(2013)**
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- D4708-12**
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- D4709-07(2012)**
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- D4710-07(2012)**
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- D4712**
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- D4713-12**
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D4717

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D4719-07

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D4720-08(2013)

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D4721-12

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D4722

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D4723-07^{c2}

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D4724-11

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D4725-15

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D4726-09

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D4727/D4727M-12

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D4728-06(2012)

Test Method for Random Vibration Testing of Shipping Containers, 15.10

D4729-08

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D4730-13

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D4731-13

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D4732-13

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D4733-13

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D4734-12

Specification for Refined Benzene-545, 06.04

D4735-09(2014)

Test Method for Determination of Trace Thiophene in Refined Benzene by Gas Chromatography, 06.04

D4736

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D4737-10

Test Method for Calculated Cetane Index by Four Variable Equation, **05.02**

D4738

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D4739-11

Test Method for Base Number Determination by Potentiometric Hydrochloric Acid Titration, **05.02**

D4740-04(2014)

Test Method for Cleanliness and Compatibility of Residual Fuels by Spot Test, 05.02

D4741-13

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D4742-08^{c1}

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D4743

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D4744

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D4745-14

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D4746-14^{c1}

Test Method for Determination of Quinoline Insolubles (QI) in Tar and Pitch by Pressure Filtration, 05.02

D4747-02(2014)

Test Method for Determining Unreacted Monomer Content of Latexes Using Gas-Liquid Chromatography, 06.01

D4748-10

Test Method for Determining the Thickness of Bound Pavement Layers Using Short-Pulse Radar, 04.03

D4749-87(2012)

Test Method for Performing the Sieve Analysis of Coal and Designating Coal Size, 05.06

D4750

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D4751-12

Test Method for Determining Apparent Opening Size of a Geotextile, **04.13**

D4752-10

Practice for Measuring MEK Resistance of Ethyl Silicate (Inorganic) Zinc-Rich Primers by Solvent Rub, 06.02

D4753-07

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D4754-11

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tic Materials Using FDA Migration Cell, 08.02

D4755-95(2015)^{e1}

Test Method for Free Halogens in Halogenated Organic Solvents and Their Admixtures, 15.05

D4756-15

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D4757

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D4758

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D4759-11

Practice for Determining the Specification Conformance of Geosynthetics, 04.13

D4760

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D4761-13

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D4762-11a

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D4763-06(2012)

Practice for Identification of Chemicals in Water by Fluorescence Spectroscopy, 11.02

D4764-01(2012)

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D4765-13

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D4772-14

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D4776/D4776M-10

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D4777

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D4778-10

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D4780-12

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- D4810-06(2011)**
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D4826
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D4847-02(2008)

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D4850-13

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D4851-07(2015)

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D4853

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D4854

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D4855

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D4856-11

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D4862

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D4863-13

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D4874-95(2014)

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D4876

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D4877-14

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D4878-08

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D4882-05(2012)

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D4905-99(2009)

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D4906-95(2012)

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D4909

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D4915

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D4916

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D4917

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D4918

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D4923

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D4925

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D4931-06(2011)

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D4932/D4932M-89(2014)^{e1}

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D4938-89(2013)

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D4939-89(2013)

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D4944-11

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D4946-89(2012)
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D4948-89(2012)
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D4949
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D4950-13
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D4951-14
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D4952-12
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D4953-06(2012)
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D4954-89(2009)

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D4955-89(2008)
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D4960-08(2013)
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D4961
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D4964-96(2012)^{e1}
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D4965

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D4966-12^{e1}

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D4968-09
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D4981-12

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D4983

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- D4984-06(2011)
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- D4985-10(2015)**
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- D4986-10**
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- D4987**
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- D4988
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- D4994-89(2014)**
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- D4997
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- D4998-13
Test Method for Evaluating Wear Characteristics of Tractor Hydraulic Fluids, **05.02**
- D4999**
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- D5000
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- D5001-10(2014)
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- D5002-13**
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- D5003-06a(2011)**
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- D5004-11**
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- D5005**
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- D5006-11
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- D5007-99(2013)**
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- D5008-07(2012)**
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- D5009-02(2011)**
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- D5010-08a^{e1}**
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- D5011-92(2009)**
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- D5012-01(2013)**
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- D5013-89(2009)**
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- D5014**
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- D5015-15
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- D5016-08^{e1}**
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- D5017-96(2009)^{e1}**
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- D5018-89(2009)**
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- D5019**
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- D5020
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D5021

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D5022

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D5023-07

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D5025-12

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D5027

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D5028-09

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D5032-11

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D5033

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D5036

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D5037

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D5038

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D5039

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D5050-08

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D5057-10

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D5058-12

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D5079-08

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D5082

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D5109-12
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- D5175-91(2011)**
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- D5184-12**
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- D5188-14**
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- D5189**
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- D5190**
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- D5197-09¹**
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- D5199-12**
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- D5203-07**
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- D5204-13**
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- D5205-10**
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- D5206-13**
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- D5207-14**
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- D5208-14**
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- D5209**
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D5212

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D5219-15

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D5221

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D5222-08

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D5223

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D5286-01(2011)
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D5298-10

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D5304-11

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D5305-12

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D5307

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D5308

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D5311/D5311M-13

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D5318

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D5319-12

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D5320

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D5328

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D5333

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D5339

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D5340-12

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D5342

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- D5452-12
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- D5453-12
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- D5454-11¹
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- D5456-14b
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- D5464-11
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- D5465-93(2012)
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D5479-94(2013)

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D5480

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D5481-13

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D5482-07(2013)

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D5483-05(2010)

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D5484

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D5485-11

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D5486/D5486M-06(2012)

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D5487-98(2008)

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D5488

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D5489-14

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D5490-93(2014)^{e1}

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D5491-08(2014)

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D5492-10

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D5493-06(2011)

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D5494-93(2011)

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D5495-03(2011)

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D5496-98(2009)

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D5497

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D5498-12a

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D5499-94(2013)

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D5500-98(2014)

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D5501-12^{e1}

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D5502-00(2010)

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D5503-94(2008)

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D5504-12

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D5505-14

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D5506

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D5507-99(2012)

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D5508-94a(2009)^{e1}

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D5509

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D5510

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D5511-12

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D5512

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D5513-99(2009)

Practice for Microwave Digestion of Industrial Furnace Feedstreams and Waste for Trace Element Analysis, **11.04**

D5514/D5514M-14

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D5515-97(2010)^{e1}

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D5516-09

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D5517-14

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D5518

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D5519-14

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D5520-11

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D5521/D5521M-13

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D5522

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D5523-10

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D5524

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D5525

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D5526-12

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D5528-13

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D5529

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D5530-94(2009)

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D5533

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D5536-94(2010)

Practice for Sampling Forest Trees for Determination of Clear Wood Properties, **04.10**

D5537-14

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D5538-13

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D5539-14

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D5540-13



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D5541-94(2014)

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D5542-04(2009)

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D5543-09

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D5544-11

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D5545

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D5546-09

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D5547-95(2009)

Test Method for Clay and Zeolite in Powdered Laundry Detergents by Atomic Absorption, 15.04
D5548-13

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D5549

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D5550-14

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D5551-95(2012)

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D5552-10

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D5553-95(2012)

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D5554-95(2011)

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D5560-95(2011)

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D5561

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D5562-95(2011)

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D5563

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D5566-95(2011)

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D5569

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D5570/D5570M-10(2015)

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D5573-99(2012)

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D5582-14

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D5583

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D5584

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D5585-11^{e1}

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D5586/D5586M-10

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D5588-97(2012)

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D5589-09(2013)

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D5593

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D5595

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D5597

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D5598-01(2012)

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D5599-00(2010)

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D5600-14

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D5601

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D5602/D5602M-11

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- D5614-94(2014)**
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- D5619-00(2011)**
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- D5646-13**
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D5654

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D5655

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D5677-05(2010)

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D5679-95a(2012)

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D5686

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D5707-11

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D5712-10

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D5715-14

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D5716

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D5717

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D5734

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D5865-13

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D6181
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D6184
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D6185-11

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D6211

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D6212

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D6221/D6221M-00(2014)^{e1}

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D6222/D6222M-11

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D6223/D6223M-02(2009)^{e1}

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D6240/D6240M-12^{e1}
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D6256/D6256M-10
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D6314

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- D6371-05(2010)**
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E172

Withdrawn 2001; Practice for Describing and Specifying the Excitation Source in Emission Spectrochemical Analysis

E173

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E174

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E175-82(2010)

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E176-15a

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E177-14

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E178-08

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E179-12

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of Materials, 06.01

E180

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E181-10

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E182

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E183

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E184

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E185-15

Practice for Design of Surveillance Programs for Light-Water Moderated Nuclear Power Reactor Vessels, **12.02**

E186-10

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E187

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E188

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E189

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E190-14

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E191-64(2011)

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E192-13

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E193-94(2010)

Specification for Laboratory Glass Micropipets, 14.04

E194-10

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E195

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E196-06(2012)

Practice for Gravity Load Testing of Floors and Low Slope Roofs, **04.11**

E197

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E198



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E199

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E200-08

Practice for Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis, **15.05**

E201

Withdrawn 2001; Test Method for Calculation of Volume and Weight of Industrial Chemical Liquids
E202-12

Test Methods for Analysis of Ethylene Glycols and Propylene Glycols, **15.05**

E203-08

Test Method for Water Using Volumetric Karl Fischer Titration, 15.05

E204

Withdrawn 2014; Practices for Identification of Material by Infrared Absorption Spectroscopy, Using the ASTM Coded Band and Chemical Classification Index
E205-96(2010)

Specification for Glass and Oxygen Combustion Flask, **14.04**

E206

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E207-08(2015)

Test Method for Thermal EMF Test of Single Thermoelement Materials by Comparison with a Reference Thermoelement of Similar EMF-Temperature Properties, **14.03**

E208-06(2012)

Test Method for Conducting Drop-Weight Test to Determine Nil-Ductility Transition Temperature of Ferritic Steels, 03.01

E209-00(2010)

Practice for Compression Tests of Metallic Materials at Elevated Temperatures with Conventional or Rapid Heating Rates and Strain Rates, 03.01

E210-63(2010)

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E211-82(2010)

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E212

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E213-14^{e1}

Practice for Ultrasonic Testing of Metal Pipe and Tubing, **03.03**

E214

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E215-11

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E216

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E217

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E218

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E219

Withdrawn 2001; Test Method for Atom Percent Fission in Uranium Fuel (Radiochemical Method)

E220-13

Test Method for Calibration of Thermocouples By Comparison Techniques, **14.03**

E221

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E222-10

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E223-08

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E224-08

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E225

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E226

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E227

Withdrawn 2002; Test Method for Optical Emission Spectrometric Analysis of Aluminum and Aluminum Alloys by the Point-to-Plane Technique

E228-11

Test Method for Linear Thermal Expansion of Solid Materials With a Push-Rod Dilatometer, **14.02**

E229

Withdrawn 2003; Test Method for Shear Strength and Shear Modulus of Structural Adhesives

E230/E230M-12

Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples, **14.03**

E231

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E232

Redesignated F232

E233

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E234

Withdrawn 2009; Test Method for Total Bromine Number of Unsaturated Aliphatic Chemicals

E235/E235M-12

Specification for Type K and Type N Mineral-Insulated, Metal-Sheathed Thermocouples for Nuclear or for Other



High-Reliability Applications, 14.03

E236-66(2011)

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E237-02(2012)

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E238-12

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E239

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E240

Redesignated G27

E241-09(2014)^{e1}

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E242-15

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E243-13

Practice for Electromagnetic (Eddy Current) Examination of Copper and Copper-Alloy Tubes, 03.03

E244

Withdrawn 2001; Test Method for Atom Percent Fission in Uranium and Plutonium Fuel (Mass Spectrometric Method)

E245

Withdrawn 1968; Method for Colorimetric Determination of Uranium in Aqueous Solutions; Replaced by E318

E246-10(2015)

Test Methods for Determination of Iron in Iron Ores and Related Materials by Dichromate Titrimetry, 03.05

E247-01(2010)

Test Method for Determination of Silica in Manganese Ores, Iron Ores, and Related Materials by Gravimetry, 03.05

E248-12

Test Method for Determination of Manganese in Manganese Ores by Pyrophosphate Complexed Permanganate Potentiometric Titrimetry, 03.05

E249

Withdrawn 1974; Specification for Standard Tire for Pavement Skid Resistance Tests; Replaced by E112

E250

Withdrawn 2014; Practice for Use of CODEN

E251-92(2014)

Test Methods for Performance Characteristics of Metallic Bonded Resistance Strain Gages, 03.01

E252-06(2013)

Test Method for Thickness of Foil, Thin Sheet, and Film by Mass Measurement, 02.02

E253-15a

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E254

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E255-07(2014)

Practice for Sampling Copper and Copper Alloys for the Determination of Chemical Composition, 03.05

E256-09

Test Method for Chlorine in Organic Compounds by Sodium Peroxide Bomb Ignition, 15.05

E257

Withdrawn 2009; Test Method for Sulfur in Organic Compounds by Sodium Peroxide Bomb Ignition

E258-07(2015)

Test Method for Total Nitrogen in Organic Materials by Modified Kjeldahl Method, 15.05

E259-06(2011)

Practice for Preparation of Pressed Powder White Reflectance Factor Transfer Standards for Hemispherical and Bi-Directional Geometries, 06.01

E260-96(2011)

Practice for Packed Column Gas Chromatography, 03.06

E261-15

Practice for Determining Neutron Fluence, Fluence Rate, and Spectra by Radioactivation Techniques, 12.02

E262-13

Test Method for Determining Thermal Neutron Reaction Rates and Thermal Neutron Fluence Rates by Radioactivation Techniques, 12.02

E263-13

Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Iron, 12.02

E264-08(2013)

Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Nickel, 12.02

E265-07(2013)

Test Method for Measuring Reaction Rates and Fast-Neutron Fluences by Radioactivation of Sulfur-32, 12.02

E266-11

Test Method for Measuring Fast-Neutron Reaction Rates by Radioactivation of Aluminum, 12.02

E267

Withdrawn 2006; Test Method for Uranium and Plutonium Concentrations and Isotopic Abundances

E268

Withdrawn 1991; Terminology Relating to Electromagnetic Testing; Replaced by E1316

E269

Withdrawn 1991; Definitions of Terms Relating to Magnetic Particle Examination; Replaced by E1316

E270

Withdrawn 1991; Terminology Relating to Liquid Penetrant Examination; Replaced by E1316

E271

Withdrawn 2003; Test Methods for Analysis of Aqueous Hydrofluoric Acid

E272-10

Reference Radiographs for High-Strength Copper-Base and Nickel-Copper Alloy Castings, 03.03

E273-15

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E274/E274M-11

Test Method for Skid Resistance of Paved Surfaces Using a Full-Scale Tire, 04.03

E275-08(2013)



Practice for Describing and Measuring Performance of Ultraviolet and Visible Spectrophotometers, 03.06
E276-13

Test Method for Particle Size or Screen Analysis at No. 4 (4.75-mm) Sieve and Finer for Metal-Bearing Ores and Related Materials, 03.05
E277

Withdrawn 1990; Test Method for Total Iron in Iron Ores by Stannous Chloride Reduction and Dichromate Titration

E278-01(2010)^{e1}

Test Method for Determination of Phosphorus in Iron Ores by Phosphomolybdate Coprecipitation and Nitric Acid Titrimetry, 03.05

E279-97(2010)

Test Method for Determination of Abrasion Resistance of Iron Ore Pellets and Sinter by the Tumbler Test, 03.05

E280-10

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E281

Withdrawn 1983; Method for Spectrographic Analysis of Carbon and Low-Alloy Steel by the Pellet Technique

Withdrawn 1983; Method for Spectrographic Analysis of Carbon and Low-Alloy Steel by the Point-to-Plane Technique

E283-04(2012)

Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen, 04.11

E284-13b

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E285-08(2015)

Test Method for Oxyacetylene Ablation Testing of Thermal Insulation Materials, 15.03

E286

Withdrawn 1991; Test Method for Surface Flammability of Building Materials Using an 8-ft (2.44-m) Tunnel Furnace

E287-02(2012)

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E288-10

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E289-04(2010)

Test Method for Linear Thermal Expansion of Rigid Solids with Interferometry, 14.02

E290-14

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E291-09

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E292-09^{e1}

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E293

Withdrawn 1997; Test Method for Spectrographic Determination of Acid-Soluble Aluminum in Low-Alloy Steel by the Solution Technique

E294

Withdrawn 2000; Test Method for Effective Pumping Speed of Vacuum Chamber Systems

E295-82(2014)

Test Method for Measured Speed of Oil Diffusion Pumps, 15.03

E296-70(2010)

Practice for Ionization Gage Application to Space Simulators, 15.03

E297

Withdrawn 1984; Methods for Calibrating Ionization Vacuum Gage Tubes

E298-08

Test Methods for Assay of Organic Peroxides, 15.05

E299-08

Test Method for Trace Amounts of Peroxides In Organic Solvents, 15.05

E300-03(2009)

Practice for Sampling Industrial Chemicals, 15.05

E301

Withdrawn 2001; Test Method for Total Acidity of Organic Acids

E302

Withdrawn 2001; Test Methods for Monobasic Organic Acids

E303-93(2013)

Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester, 04.03

E304

Withdrawn 1992; Practice for Use and Evaluation of Spark Source Mass Spectrometers for Analysis of Solids

Practice for Establishing and Controlling Atomic Emission Spectrochemical Analytical Curves, 03.05

E306

Withdrawn 1989; Method for Absolute Calibration of Reflectance Standards

E307-72(2014)

Test Method for Normal Spectral Emittance at Elevated Temperatures, 15.03

E308-13

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E309-11

Practice for Eddy-Current Examination of Steel Tubular Products Using Magnetic Saturation, 03.03

E310-10

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E311

Withdrawn 1982; Recommended Practice for Sampling and Sample Preparation Techniques in Spectrochemical Analysis

E312-06(2011)

Practice for Description and Selection of Conditions for Photographing Specimens Using Analog (Film) Cameras and Digital Still Cameras (DSC), 06.01

E313-10

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E314-10

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E315

Withdrawn 2010; Test Methods for Chemical Analysis of Molybdenum

E316-11

Test Method for Determination of Iron in Manganese Ores by Hydrogen Sulfide Reduction-Dichromate Titrimetry, 03.05

E317-11

Practice for Evaluating Performance Characteristics of Ultrasonic Pulse-Echo Testing Instruments and Systems without the Use of Electronic Measurement Instruments, 03.03

E318

Withdrawn 1996; Test Method for Uranium in Aqueous Solutions by Colorimetry

E319-85(2014)

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E320

Withdrawn 1993; Test Method for Cesium-137 in Nuclear Fuel Solutions by Radiochemical Analysis

E321-96(2012)

Test Method for Atom Percent Fission in Uranium and Plutonium Fuel (Neodymium-148 Method), 12.01

E322-12

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E323-11

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E324

Withdrawn 2001; Test Method for Relative Initial and Final Melting Points and the Melting Range of Organic Chemicals

E325

Withdrawn 1996; Test Method for Silicon in Organic Compounds by Peroxide Bomb Ignition

E326

Withdrawn 2001; Test Method for Hydroxyl Groups by Phthalic Anhydride Esterification

E327

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E328-13

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E329-14a

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E330/E330M-14

Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference, 04.11

E331-00(2009)

Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference, 04.11

E332

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E333

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E334-01(2013)

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E335

Withdrawn 2002; Test Method for Hydroxyl Groups by Pyromellitic Dianhydride Esterification

E336-14

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E337-15

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E338

Withdrawn 2010; Test Method of Sharp-Notch Tension Testing of High-Strength Sheet Materials

E339

Withdrawn 1993; Test Method for Discrimination of Differences in the Production of Alcoholic Beverages by the Duo-Trio Method

E340-13

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E341-08(2015)

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E342-11

Test Method for Determination of Chromium Oxide in Chrome Ores by Permanganate Titrimetry, 03.05

E343

Withdrawn 2002; Test Method for Measuring Reaction Rates by Analysis of Molybdenum-99 Radioactivity From Fission Docimeters

E344-13

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E345-93(2013)^{c1}

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E346-08^{c1}

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E347

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E348

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E349-06(2014)

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E350-12

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and Wrought Iron, 03.05

E351-13

Test Methods for Chemical Analysis of Cast Iron—All Types, 03.05

E352-13

Test Methods for Chemical Analysis of Tool Steels and Other Similar Medium- and High-Alloy Steels, 03.05

E353-14

Test Methods for Chemical Analysis of Stainless, Heat-Resisting, Maraging, and Other Similar Chromium-Nickel-Iron Alloys, 03.05

E354-14

Test Methods for Chemical Analysis of High-Temperature, Electrical, Magnetic, and Other Similar Iron, Nickel, and Cobalt Alloys, 03.05

E355-96(2014)

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E356

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E357

Withdrawn 2009; Test Method for Phosphorus in Organic Compounds by Sodium Peroxide Bomb Ignition

E358

Withdrawn 2000; Test Methods for Analysis of Phosphoric Acid

E359-10

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E360

Withdrawn 2006; Test Methods for Chemical Analysis of Silicon and Ferrosilicon

E361

Withdrawn 2005; Test Methods for the Determination of Arsenic and Lead in Ferromanganese

E362

Withdrawn 2005; Test Methods for the Determination of Arsenic and Lead in Silicomanganese and Ferrosilicon Manganese

E363-09

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E364

Withdrawn 2006; Test Methods for Chemical Analysis of Ferrochrome-Silicon

E365

Withdrawn 2005; Test Method for the Determination of Vanadium in Ferrovanadium and Vanadium Alloying Additives

E366

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E367-09

Test Methods for Chemical Analysis of Ferroniobium, 03.05

E368

Withdrawn 1998; Method for Chemical Analysis of Ferromolybdenum

E369

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E370

Not Assigned

E371

Withdrawn 2006; Test Method for The Determination of Boron in Ferroboron

E372-13

Test Method for Determination of Calcium and Magnesium in Magnesium Ferrosilicon by EDTA Titration, 03.05

E373

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E374

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E375

Withdrawn 1992; Definitions of Terms Relating To Resinography

E376-11

Practice for Measuring Coating Thickness by Magnetic-Field or Eddy-Current (Electromagnetic) Testing Methods, 03.03

E377-08(2015)

Practice for Internal Temperature Measurements in Low-Conductivity Materials, 15.03

E378

Withdrawn 2004; Test Method for Spectrographic Analysis of Silver by the Powder Technique

E379

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E380

Withdrawn 1997; Practice for Use of the International System of Units (SI) (the Modernized Metric System); Replaced by IEEE/ASTM SI-10

E381-01(2012)

Method of Macroetch Testing Steel Bars, Billets, Blooms, and Forgings, 03.01

E382-12

Test Method for Determination of Crushing Strength of Iron Ore Pellets, 03.05

E383

Withdrawn 1993; Method for X-Ray Emission Spectrometric Determination of Tungsten in Nickel-Tungsten Alloys

E384-11^{c1}

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E385-11

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E386

Withdrawn 2015; Practice for Data Presentation Relating to High-Resolution Nuclear Magnetic Resonance (NMR) Spectroscopy; Replaced by E2977

E387-04(2014)

Test Method for Estimating Stray Radiant Power Ratio of Dispersive Spectrophotometers by the Opaque Filter Method, 03.06

E388-04(2015)

Test Method for Wavelength Accuracy and Spectral Bandwidth of Fluorescence Spectrometers, 03.06

E389-13

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Ores and Related Materials, 03.05

E390-11

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E391

Withdrawn 1999; Practice for Presentation of Phase Diagrams

E392

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E393-13

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E394-09

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E395

Withdrawn 2007; Test Method for Determination of Total Sulfur in Iron Ores and Related Materials by Combustion-Iodate Titration; Replaced by E1915

E396-12¹

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E397

Withdrawn 1984; Methods for Chemical Analysis of Tungsten

E398-13

Test Method for Water Vapor Transmission Rate of Sheet Materials Using Dynamic Relative Humidity Measurement, **15.10**

E399-12³

Test Method for Linear-Elastic Plane-Strain Fracture Toughness K, 03.01

E400

Withdrawn 2007; Test Method for Analysis of Ores, Minerals, and Rocks by Fire Assay Preconcentration Atomic Emission Spectrometry

E401

Withdrawn 1996; Practice for Bonding Thin Spectrochemical Samples and Standards to a Greater Mass of Material

E402

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E403

Withdrawn 1995; Test Method for Optical Emission Spectrometric Analysis of Carbon and Low-Alloy Steel by the Point-To-Plane Technique; Replaced by E415

E404

Withdrawn 2006; Test Method for Spectrographic Determination of Boron In Carbon and Low Alloy Steel by the Point-To-Plane Technique

E405-04(2012)

Test Methods for Wear Testing Rotary Operators for Windows, **04.11**

E406-81(2012)

Practice for Using Controlled Atmospheres in Spectrochemical Analysis, 03.05

E407-07¹

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E408-13

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E409

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E410-08

Test Method for Moisture and Residue in Liquid Chlorine, **15.05**

E411-12

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E412

Withdrawn 1996; Test Method for Assay of Liquid Chlorine (Zinc Amalgam Method); Replaced by E1746

E413-10

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E414

Withdrawn 1994; Test Method for Spectrographic Analysis of Copper by the Briquet Technique

E415-14

Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry, **03.05**

E416

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E417

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E418

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E420

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E421

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E422-05(2011)

Test Method for Measuring Heat Flux Using a Water-Cooled Calorimeter, **15.03**

E423-71(2014)

Test Method for Normal Spectral Emittance at Elevated Temperatures of Nonconducting Specimens, 15.03

E424-71(2007)

Test Methods for Solar Energy Transmittance and Reflectance (Terrestrial) of Sheet Materials, 12.02

E425

Withdrawn 1991; Terminology Relating to Leak Testing; Replaced by E1316

E426-12

Practice for Electromagnetic (Eddy-Current) Examination of Seamless and Welded Tubular Products, Titanium, Austenitic Stainless Steel and Similar Alloys, **03.03**

E427

Withdrawn 2013; Practice for Testing for Leaks Using the Halogen Leak Detector Alkali-Ion Diode

E428-08(2013)

Practice for Fabrication and Control of Metal, Other than



Aluminum, Reference Blocks Used in Ultrasonic Testing, **03.03**

E430-11

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Guide to Interpretation of Radiographs of Semiconductors and Related Devices, 03.03

E432-91(2011)

Guide for Selection of a Leak Testing Method, 03.03

E433-71(2013)

Reference Photographs for Liquid Penetrant Inspection, 03.03

E434-10

Test Method for Calorimetric Determination of Hemispherical Emittance and the Ratio of Solar Absorbance to Hemispherical Emittance Using Solar Simulation, 15.03

E435

Withdrawn 1995; Test Method for Acetic Anhydride Content (Assay) of Acetic Anhydride

E436-03(2014)

Test Method for Drop-Weight Tear Tests of Ferritic Steels, 03.01

E437

Withdrawn 2000; Specification for Industrial Wire Cloth and Screens (Square Opening Series); Replaced by E2016

E438-92(2011)

Specification for Glasses in Laboratory Apparatus, 14.04

E439-10

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E440

Withdrawn 1994; Test Method for Traces of Peroxides in Organic Solvents with N' N' -Diphenyl-p-Phenylenediamine

E441

Withdrawn 1996; Test Method for Vinyl Unsaturation in Organic Compounds With Mercuric Acetate

E442

Withdrawn 1996; Test Method for Chlorine, Bromine, or Iodine in Organic Compounds by Oxygen Flask Combustion

E443

Withdrawn 1996; Test Method for Sulfur in Organic Compounds by Oxygen Flask Combustion

E444-09

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E445/E445M-88(2013)

Test Method for Stopping Distance on Paved Surfaces Using a Passenger Vehicle Equipped With Full-Scale Tires, 04.03

E446-14

Reference Radiographs for Steel Castings Up to 2 in. (50.8 mm) in Thickness, 03.03

E448-82(2008)

Practice for Scleroscope Hardness Testing of Metallic Materials, 03.01

E449-08(2013)

Test Methods for Analysis of Calcium Chloride, 15.05

E450

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E451

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E452-02(2013)

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E453

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E454-12

Specification for Industrial Perforated Plate and Screens (Square Opening Series), 14.02

E455-11

Test Method for Static Load Testing of Framed Floor or Roof Diaphragm Constructions for Buildings, 04.11 E456-13a²

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E457-08(2015)

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E458-08(2015)

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E459-05(2011)

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E460-12

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E461

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E462

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E463-14a

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E464

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E465-11

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E466-07

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E467-08(2014)

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E468-11

Practice for Presentation of Constant Amplitude Fatigue Test Results for Metallic Materials, 03.01

E469

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E470

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E471-96(2011)

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E472

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E473-14

Terminology Relating to Thermal Analysis and Rheology, **14.02**

E474

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E475-10

Test Method for Assay of Di-tert-Butyl Peroxide Using Gas Chromatography, **15.05**

E476

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E477-13^{†1}

Test Method for Laboratory Measurements of Acoustical and Airflow Performance of Duct Liner Materials and Prefabricated Silencers, **04.06**

E478-08

Test Methods for Chemical Analysis of Copper Alloys, 03.05

E479

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E480

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E481-15

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E482-11^{†1}

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E483

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E484

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E485

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E486

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E487-14

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E488/E488M-15

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Elements, 04.11

E489

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E490-00a(2014)

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E491-73(2010)

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E492-09

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E493/E493M-11

Practice for Leaks Using the Mass Spectrometer Leak Detector in the Inside-Out Testing Mode, 03.03

E494-10

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E495

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E496-14^{†1}

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E497

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E498/E498M-11

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E499/E499M-11

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E500

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E501-08

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E502-07(2013)

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E503/E503M

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E504

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E505-01(2011)

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E506-08

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E507-13

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03.05

E508-13

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E509/E509M-14

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E510

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E511-07(2015)

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E512-94(2010)

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E513

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E514/E514M-14a

Test Method for Water Penetration and Leakage Through Masonry, 04.05

E515-11

Practice for Leaks Using Bubble Emission Techniques, 03.03

E516-95a(2013)

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E517-00(2010)

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E518/E518M-10

Test Methods for Flexural Bond Strength of Masonry, 04.05

E519/E519M-10

Test Method for Diagonal Tension (Shear) in Masonry Assemblages, 04.05

E520-08

Practice for Describing Photomultiplier Detectors in Emission and Absorption Spectrometry, 03.05

E521-96(2009)^{e1}

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E522

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E523-11

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E525

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E527-12

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E529-04(2011)

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E530

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E531-13

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E532

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E533

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E534-13

Test Methods for Chemical Analysis of Sodium Chloride, 15.05

E535-14

Practice for Preparation of Fire-Test-Response Standards, 04.07

E536-15

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E537-12

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E538-98(2008)

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E539-11

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E540

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E541-10

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E542-01(2012)

Practice for Calibration of Laboratory Volumetric Apparatus, 14.04

E543-15

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E544-10

Practices for Referencing Suprathreshold Odor Intensity, 15.08

E545-14

Test Method for Determining Image Quality in Direct Thermal Neutron Radiographic Examination, 03.03

E546-14

Test Method for Frost/Dew Point of Sealed Insulating Glass Units, 04.11

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E552

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E553

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E554

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04.03

E557-12

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E558

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E561-10^{c2}

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E562-11

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E563-11

Practice for Preparation and Use of an Ice-Point Bath as a Reference Temperature, 14.03

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Practice for Static Load Test for Shear Resistance of Framed Walls for Buildings, 04.11

E565

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E566-14

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E567

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Groups With Hydrogen Bromide

E568

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E569/E569M-13

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E570-15

Practice for Flux Leakage Examination of Ferromagnetic Steel Tubular Products, 03.03

E571-12

Practice for Electromagnetic (Eddy-Current) Examination of Nickel and Nickel Alloy Tubular Products, 03.03

E572-13

Test Method for Analysis of Stainless and Alloy Steels by Wavelength Dispersive X-Ray Fluorescence Spectrometry, 03.05

E573-01(2013)

Practices for Internal Reflection Spectroscopy, 03.06

E574-13

Specification for Duplex, Base Metal Thermocouple Wire With Glass Fiber or Silica Fiber Insulation, 14.03

E575-05(2011)

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E576-14

Test Method for Frost/Dew Point of Sealed Insulating Glass Units in the Vertical Position, 04.11

E577

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E578-07(2013)

Test Method for Linearity of Fluorescence Measuring Systems, **03.06**

E579-04(2015)

Test Method for Limit of Detection of Fluorescence of Quinine Sulfate in Solution, 03.06

E580/E580M-14

Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions, 04.06

E581-10

Test Methods for Chemical Analysis of Manganese-Copper Alloys, 03.05

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Test Method for Minimum Ignition Energy and Quenching Distance in Gaseous Mixtures, 14.02

E583

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Specification for Compacted Mineral-Insulated, Metal-Sheathed, Base Metal Thermocouple Cable, **14.03**

E586

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E587-10

Practice for Ultrasonic Angle-Beam Contact Testing,

03.03

E588-03(2014)

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E590

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E592-15

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E593

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E594-96(2011)

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E595-15

Test Method for Total Mass Loss and Collected Volatile Condensable Materials from Outgassing in a Vacuum Environment, 15.03

E596-96(2009)

Test Method for Laboratory Measurement of Noise Reduction of Sound-Isolating Enclosures, 04.06

E597

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E598-08(2015)

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E599

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E600

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E602

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E603-13

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E604-83(2008)

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E605/E605M-93(2015)^{e1}

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E606/E606M-12

Test Method for Strain-Controlled Fatigue Testing, 03.01

E607

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E608/E608M-13

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E609-15a

Terminology Relating to Pesticides, 11.05

E610

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E611-08(2015)

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E615

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E617-13

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E618-07(2013)

Test Method for Evaluating Machining Performance of Ferrous Metals Using an Automatic Screw/Bar Machine, 01.05

E619-09

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E620-11

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E621

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E623

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E622

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E625

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E627

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E630

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E631-15

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E632

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E633-13

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E634-12

Practice for Sampling of Zinc and Zinc Alloys by Spark Atomic Emission Spectrometry, 03.05

E635

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E636-14

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E637-05(2011)

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E638

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E639

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E640-06(2012)

Test Method for Preservatives in Water-Containing Cosmetics, **11.05**

E641-01(2012)^{e1}

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E642-91(2014)

Practice for Determining Application Rates and Distri-

bution Patterns from Aerial Application Equipment, 11.05

E643-09

Test Method for Ball Punch Deformation of Metallic Sheet Material, 03.01

E644-11

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E645-13

Practice for Evaluation of Microbicides Used in Cooling Water Systems, 11.05

E646-07^{e1}

Test Method for Tensile Strain-Hardening Exponents (n -Values) of Metallic Sheet Materials, 03.01

E647-13a^{e1}

Test Method for Measurement of Fatigue Crack Growth Rates, 03.01

E648-15

Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source, 04.07

E649-00(2011)

Test Method for Bromine in Chlorine, 15.05

E650/E650M-12

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E652-91(2009)

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E653-91(2009)

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E656

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E657

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E658

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E659-14

Test Method for Autoignition Temperature of Liquid Chemicals, **14.02**

E660-90(2011)

Practice for Accelerated Polishing of Aggregates or Pavement Surfaces Using a Small-Wheel, Circular Track Polishing Machine, 04.03



E661-03(2015)^{e1}

Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads, 04.11

E662-15

Test Method for Specific Optical Density of Smoke Generated by Solid Materials, 04.07

E663

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E664/E664M-15

Practice for the Measurement of the Apparent Attenuation of Longitudinal Ultrasonic Waves by Immersion Method, 03.03

E665

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E666-14

Practice for Calculating Absorbed Dose From Gamma or X Radiation, 12.02

E667-98(2009)

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E668-13

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E669

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E670-09

Test Method for Testing Side Force Friction on Paved Surfaces Using the Mu-Meter, 04.03

E671-98(2010)

Specification for Maximum Permissible Thermal Residual Stress in Annealed Glass Laboratory Apparatus, 14.04

E672-87(2011)

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E673

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E674-12

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E675-02(2012)

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E676-02(2012)

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E677-94(2010)

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E678-07(2013)

Practice for Evaluation of Scientific or Technical Data, 14.02

E679-04(2011)

Practice for Determination of Odor and Taste Thresholds By a Forced-Choice Ascending Concentration

Series Method of Limits, 15.08

E680-79(2011)^{e1}

Test Method for Drop Weight Impact Sensitivity of Solid-Phase Hazardous Materials, 14.02

E681-09(2015)

Test Method for Concentration Limits of Flammability of Chemicals (Vapors and Gases), 14.02

E682-92(2011)

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E683-91(2013)

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E684

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E685-93(2013)

Practice for Testing Fixed-Wavelength Photometric Detectors Used in Liquid Chromatography, 03.06

E686

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E687

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E688-94(2011)

Test Methods for Waste Glass as a Raw Material for Glass Manufacturing, 11.04

E689-10

Reference Radiographs for Ductile Iron Castings, 03.03

E690-15

Practice for In Situ Electromagnetic (Eddy Current) Examination of Nonmagnetic Heat Exchanger Tubes, 03.03

E691-14

Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method, 14.02

E692

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E693-12

Practice for Characterizing Neutron Exposures in Iron and Low Alloy Steels in Terms of Displacements Per Atom (DPA), E 706(ID), 12.02

E694-99(2010)

Specification for Laboratory Glass Volumetric Apparatus, 14.04

E695-03(2015)^{e1}

Test Method of Measuring Relative Resistance of Wall, Floor, and Roof Construction to Impact Loading, 04.11

E696-07(2013)

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E697-96(2011)



Practice for Use of Electron-Capture Detectors in Gas Chromatography, 03.06

E698-11

Test Method for Arrhenius Kinetic Constants for Thermally Unstable Materials Using Differential Scanning Calorimetry and the Flynn/Wall/Ozawa Method, 14.02

E699-09

Practice for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating of Building Components, 14.02

E700

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E701-80(2010)

Test Methods for Municipal Ferrous Scrap, 11.04

E702-85(2010)

Specification for Municipal Ferrous Scrap, 11.04

E703-14

Practice for Electromagnetic (Eddy Current) Sorting of Nonferrous Metals, 03.03

E704-13

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E705-13a

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E706

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E707

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E708-79(2011)

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E709-15

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E710

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E716-10

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E717

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E719

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E721-11

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E722-14

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E723-13

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E725-96(2012)

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E726-01(2011)^{e1}

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E733

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E735

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E737

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E738-11

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E739-10

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E741-11

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E742

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E743

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E762

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E764

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E766-14

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E779-10

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E792

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E804

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E805-12a

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E817

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E818

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E824-10

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E827-08

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E829

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E835/E835M

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E836

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E842

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E843

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E865-12

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E874-11

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E878-12

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E885

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E886

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E888

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E892

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E896

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E902

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E903-12

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E904

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E907

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E913

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E916

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E917-13

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E919

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E920-97(2013)

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E930-99(2007)

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E932-89(2013)

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E938/E938M-12

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E944-13

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E946

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E949

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E950/E950M-09

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E951

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E952

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E954

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E962

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E964-15

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E965

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E966-10^{e1}

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E973-10(2015)

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E1250-10

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E2183
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E2184
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E2220

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E2221

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E2241

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ES2

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ES3

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ES4

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ES5

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ES6

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ES7

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ES8

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ES9

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ES10

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ES11

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ES12

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ES13

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ES14

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ES17

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ES18

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ES19

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ES20

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ES21

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ES22

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ES24

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ES26

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ES27

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Withdrawn 1995; Emergency Standard Practice for Field Collection of Soil Samples for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1727

ES30

Withdrawn 1995; Emergency Standard Practice for Field Collection of Settled Dust Samples Using Wipe Sampling Methods for Lead Determination by Atomic Spectrometry Techniques; Replaced by E1728

ES33

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ES35

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ES36

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ES37

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ES38

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F2

Withdrawn 1992; Specification for Aluminum-Clad Steel Strip and Nickel-Steel-Aluminum Composite Strip for Electron Tubes

F3

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F8

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F9

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F10

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F11

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F12

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F13

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F15-04(2013)

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F24-09

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F27

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F28

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F29-97(2012)

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F30-96(2012)

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F33

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F35

Withdrawn 1994; Practice for Identification of Minute Crystalline Particle Contaminants by X-Ray Diffraction

F36-15

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F37-06(2013)

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F38-00(2014)

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F39

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F40

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F41

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F42

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F43

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F44-95(2011)

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F45

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F46

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F47

Withdrawn 1998; Test Method for Crystallographic Perfection of Silicon by Preferential Etch Techniques; Replaced by F1725

F48

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F49

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F52

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F53

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F54

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F55

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F56

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F57

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F58

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F59

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F60

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F61

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F62

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F63

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F64

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F65

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F66

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Withdrawn 1984; Specification for Diethyl Oxalate for Use in Fabricating Electron Devices

F70

Withdrawn 1990; Specification for Cathode Carbonates

F71

Withdrawn 2005; Practice for Using the Morphological Key for the Rapid Identification of Fibers for Contamination Control in Electron Devices and Microelectronics; Replaced by D276

F72

Withdrawn 2015; Specification for Gold Wire for Semiconductor Lead Bonding

F73-96(2013)

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F74

Withdrawn 1994; Practice for Determining Hydrolytic Stability of Plastic Encapsulants for Electronic Devices

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F77

Withdrawn 2001; Test Method for Apparent Density of Ceramics for Electron Device and Semiconductor Application

F78

Withdrawn 2008; Test Method for Calibration of Helium Leak Detectors by Use of Secondary Standards

F79-69(2010)

Specification for Type 101 Sealing Glass, **15.02**

F80

Withdrawn 1998; Test Method for Crystallographic Perfection of Epitaxial Deposits of Silicon by Etching Techniques; Replaced by F1726

F81

Withdrawn 2003; Test Method for Measuring Radial Resistivity Variation on Silicon Wafers

F82

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F83-71(2013)

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F84

Withdrawn 2003; Test Method for Measuring Resistivity of Silicon Wafers With an In-Line Four-Point Probe

F85-76(2013)

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F86-13

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F87

Withdrawn 1980; Method of Test for Rate of Grease Penetration of Flexible Barrier Materials

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Withdrawn 1980; Method for Determination of the Modulus of a Flexible Barrier Material by Sonic Method

F90-14

Specification for Wrought Cobalt-20Chromium-15Tungsten-10Nickel Alloy for Surgical Implant Applications (UNS R30605), **13.01**

F91-06(2011)

Practice for Testing for Leaks in the Filters Associated With Laminar Flow Clean Rooms and Clean Work Stations by Use of a Condensation Nuclei Detector, 15.03

F92

Withdrawn 2015; Practice for Determination of Character Yield of Inked Fabric Typewriter and Printer Ribbons

F93

Withdrawn 1979; Recommended Practice for Preparation of Specifications for the Procurement of Photomasks

F94

Withdrawn 1992; Test Method for Aluminum in Electronic Grade Hydrogen Peroxide

F95

Withdrawn 2003; Test Method for Thickness of Lightly Doped Silicon Epitaxial Layers on Heavily Doped Silicon Substrates Using an Infrared Dispersive Spectrophotometer

F96-77(2010)

Specification for Electronic Grade Alloys of Copper and Nickel in Wrought Forms, **10.04**

F97

Withdrawn 2008; Practices for Determining Hermeticity of Electron Devices by Dye Penetration

F98

Withdrawn 1992; Practices for Determining Hermeticity of Electron Devices by a Bubble Test

F99-07(2011)

Guide for Writing a Specification for Flexible Barrier Roll-stock Materials, **15.10**

F100

Withdrawn 1996; Test Method for Shrinkage Stresses in Plastic Embedment Materials Using a Photoelastic Technique for Electronic and Similar Applications

F101

Withdrawn 1973; Specification for Composite Strip of Iron-Nickel-Cobalt Alloy and Copper for Use in Electron Devices

F102

Withdrawn 1990; Method for Spectrochemical Analysis of Emissive Carbonates by the Powder D-C Arc Technique

F103

Withdrawn 1972; Specification for Alumina; Replaced by D2442

F104-11

Classification System for Nonmetallic Gasket Materials, **09.02**

F105-72(2010)

Specification for Type 58 Borosilicate Sealing Glass, 15.02

F106-12



Specification for Brazing Filler Metals for Electron Devices, 10.04

F107

Withdrawn 1976; Recommended Practice for Boron-Deoxidized Copper in Wrought Forms for Electron Devices

F108

Withdrawn 1993; Test Method for Resistivity of Silicon Epitaxial Layers by the Three-Probe Voltage Breakdown Method

F109-12

Terminology Relating to Surface Imperfections on Ceramics, 15.02

F110

Withdrawn 2003; Test Method for Thickness of Epitaxial or Diffused Layers in Silicon by the Angle Lapping and Staining Technique

F111

Withdrawn 2008; Practice for Determining Barium Yield, Getter Gas Content, and Getter Sorption Capacity for Barium Flash Getters

F112-00(2013)

Test Method for Sealability of Enveloped Gaskets, 09.02

F113

Withdrawn 1995; Method for Stiffness Testing of Wire for Electron Devices and Lamps

F114

Withdrawn 1980; Specification for Bone Screw Threads; Replaced by F543

F115

Withdrawn 1980; Specification for Bone Screw Heads; Replaced by F543

F116-12

Specification for Medical Screwdriver Bits, 13.01

F117

Withdrawn 2001; Test Method for Driving Torque of Medical Bone Screws; Replaced by F543, F1622

F118-13

Definitions of Terms Relating to Gaskets, 09.02

F119-82(2008)

Test Method for Rate of Grease Penetration of Flexible Barrier Materials (Rapid Method), 15.10

F120

Withdrawn 1993; Practices for Determination of the Concentration of Impurities in Single Crystal Semiconductor Materials by Infrared Absorption Spectroscopy

F121

Withdrawn 1990; Test Method for Interstitial Atomic Oxygen Content of Silicon by Infrared Absorption

F122

Withdrawn 1990; Test Method for Interstitial Atomic Oxygen Content of Germanium by Infrared Absorption

F123

Withdrawn 1992; Test Method for Substitutional Atomic Carbon Content of Silicon by Infrared Absorption; Replaced by F1391

F124

Withdrawn 1976; Method of Test for Coincident Current Memory Core Stacks

F125

Withdrawn 1976; Method of Test for Non-Metallic Magnetic Cores to be Used in a Linear Select Memory With a

Non-Symmetrical Ratio Operation Under Full Switching Conditions

F126

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F127

Withdrawn 1993; Definitions of Terms Relating to Photomasking Technology for Microelectronics

F128

Withdrawn 1992; Methods of Testing Sleeves and Tubing for Electron Tube Cathodes

F129

Withdrawn 2015; Practice for Amount of Ink Deposit on Carbon Paper and Inked Ribbons, Other Than Fabric Type

F130

Redesignated A883

F131

Redesignated A893

F132

Withdrawn 1987; Methods of Testing Nonmetallic Magnetic Cores to be Used in a Coincident Current Memory With a Two-to-One Selection Ratio Operating Under Full Switching Conditions

F133

Redesignated A894

F134

Withdrawn 1996; Test Methods for Determining Hermeticity of Electron Devices with a Helium Mass Spectrometer Detector

F135

Withdrawn 1998; Test Method for Embedment Stress Caused by Casting Compounds on Glass-Encased Electronic Components

F136-13

Specification for Wrought Titanium-6Aluminum-4Vanadium ELI (Extra Low Interstitial) Alloy for Surgical Implant Applications (UNS R56401), 13.01

F137-08(2013)

Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus, 15.04

F138-13a

Specification for Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Bar and Wire for Surgical Implants (UNS S31673), 13.01

F139-12

Specification for Wrought 18Chromium-14Nickel-2.5Molybdenum Stainless Steel Sheet and Strip for Surgical Implants (UNS S31673), 13.01

F140-98(2013)

Practice for Making Reference Glass-Metal Butt Seals and Testing for Expansion Characteristics by Polarimetric Methods, 15.02

F141-12

Terminology Relating to Resilient Floor Coverings, 15.04

F142

Withdrawn 2007; Test Method for Indentation of Resilient Floor Tiles (McBurney Test); Replaced by F1914

F143

Withdrawn 1985; Method of Test for Thickness of Epi-



axial Layers of Silicon by Measurement of Stacking Fault Dimension

F144-80(2010)

Practice for Making Reference Glass-Metal Sandwich Seal and Testing for Expansion Characteristics by Polarimetric Methods, **15.02**

F145-72(2009)

Practice for Evaluating Flat-Faced Gasketed Joint Assemblies, 09.02

F146-12

Test Methods for Fluid Resistance of Gasket Materials, 09.02

F147-87(2009)

Test Method for Flexibility of Non-Metallic Gasket Materials, 09.02

F148-13

Test Method for Binder Durability of Cork Composition Gasket Materials, 09.02

F149-92b(2009)

Terminology Relating to Optical Character Recognition, 15.09

F150-06(2013)

Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring, 15.04

F151

Withdrawn 2004; Test Method for Residual Solvents in Flexible Barrier Materials

F152-95(2009)

Test Methods for Tension Testing of Nonmetallic Gasket Materials, **09.02**

F153

Withdrawn 2015; Test Method for Determining the Yield of Wide Inked Computer Ribbons

F154

Withdrawn 2003; Guide for Identification of Structures and Contaminants Seen on Specular Silicon Surfaces

F155

Withdrawn 1983; Method of Test for Temper of Strip and Sheet Metals for Electronic Devices (Spring-Back Method)

F156

Not Assigned

F157

Withdrawn 1959; Methods of Testing Wire for Supports Used in Electronic Devices and Lamps

F158

Not Assigned

F159

Not Assigned

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Not Assigned

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F175

Withdrawn 1963; Specification for Round Nickel Wire for Lamps and Electronic Devices

F176

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F177

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F178

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F179

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F180-94(2010)^{e1}

Test Method for Density of Fine Wire and Ribbon Wire for Electronic Devices, **10.04**

F181

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F203
*Withdrawn 1965; Method of Test for Strength of
Welded Joints of Lead Wires for Electronic Devices and
Lamps*
F204-76(2013)
Test Method for Surface Flaws in Tungsten Seal Rod and
Wire, **10.04**
F205-94(2010)^{c1}
**Test Method for Measuring Diameter of Fine Wire by
Weighing, 10.04**
F206
Not Assigned
F207
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F208
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F209
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F217
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F218-13
Test Method for Measuring Optical Retardation and Ana-
lyzing Stress in Glass, **15.02**
F219-96(2013)
**Test Methods of Testing Fine Round and Flat Wire for
Electron Devices and Lamps, 10.04**
F220
Not Assigned
F221
*Withdrawn 2015; Terminology Relating to Carbon
Paper and Inked Ribbon Products and Images Made
Therefrom*
F222
Not Assigned
F223

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F231
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F232
*Withdrawn 1984; Method of Test for Curl Resistance of
Carbon Paper*
F233
Not Assigned
F234
Not Assigned
F235
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F236
Not Assigned
F237
Not Assigned
F238
*Withdrawn 1978; Recommended Practice for Cathode
Melt Prove-in Testing*
F239
*Withdrawn 1992; Specification for Nickel-Alloy Cathode
Sleeves for Electron Devices*
F240
Not Assigned
F241
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F253

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F254

Withdrawn 1998; Test Method for Slip Resistance of Carbon Paper

F255

Not Assigned

F256-05(2010)

Specification for Chromium-Iron Sealing Alloys with 18 or 28 Percent Chromium, **10.04**

F257

Withdrawn 1973; Specification for 28% Chromium-Iron Alloy for Sealing to Glass; Combined with F 256

F258

Not Assigned

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F261

Not Assigned

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F265

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F266

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F267

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F268

Withdrawn 1959; Specification for Round Chromium-Copper Wire for Electronic Devices

F269-60(2014)

Test Method for Sag of Tungsten Wire, **10.04**

F270

Withdrawn 1972; Recommended Practice for Testing Relative Thermionic Emissive Properties of Electron Tube Materials Using a Reference Cylindrical Diode

F271

Not Assigned

F272

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F273

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F274

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F275

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F276

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F277

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F278

Withdrawn 1972; Method of Test for Sublimation Characteristics of Metallic Materials in Cathode Sleeve Form by Electrical Resistance

F279

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F280

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F282

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F283

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F288-96(2014)

Specification for Tungsten Wire for Electron Devices and Lamps, **10.04**

F289-96(2014)

Specification for Molybdenum Wire and Rod for Electronic Applications, 10.04

F290-94(2010)

Specification for Round Wire for Winding Electron Tube Grid Laterals, 10.04

F291

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F298

Not Assigned

F299

Not Assigned

F300

Withdrawn 1992; Test Methods for Measuring Interface Impedance Characteristics of Electron Tube Cathodes

F301

Withdrawn 2000; Practice for Open Bottle Tap Sampling of Liquid Streams

F302-09(2015)

Practice for Field Sampling of Aerospace Fluids in Containers, **15.03**

F303-08

Practices for Sampling for Particles in Aerospace Fluids and Components, 15.03

F304

Withdrawn 1988; Method of Sampling for Particulates from Aerospace Components With Convolutes

F305

Withdrawn 1988; Method of Sampling Particulates from Reservoir-Type Pressure-Sensing Instruments by Fluid Flushing



F306

Withdrawn 2000; Practice for Sampling Particulates from Man-Accessible Storage Vessels for Aerospace Fluids by Vacuum Entrainment Technique (General Method)
F307-13

Practice for Sampling Pressurized Gas for Gas Analysis, **15.03**

F308

Withdrawn 1988; Method of Sampling Gas Blow-Down Systems and Components for Particulate Contamination by Manual Method

F309-04(2010)

Practice for Liquid Sampling of Noncryogenic Aerospace Propellants, **15.03**

F310-07(2012)

Practice for Sampling Cryogenic Aerospace Fluids, 15.03

F311-08(2013)

Practice for Processing Aerospace Liquid Samples for Particulate Contamination Analysis Using Membrane Filters, 15.03

F312-08

Test Methods for Microscopical Sizing and Counting Particles from Aerospace Fluids on Membrane Filters, 15.03

F313

Redesignated D4898

F314

Withdrawn 1991; Test Methods for Identification of Metallic and Fibrous Contaminants in Aerospace Fluids
F315

Withdrawn 1998; Test Methods of Identification of Solder and Solder Flux Contaminants in Aerospace Fluids
F316-03(2011)

Test Methods for Pore Size Characteristics of Membrane Filters by Bubble Point and Mean Flow Pore Test, **11.02**

F317

Withdrawn 1995; Test Method for Liquid Flow Rate of Membrane Filters

F318

Withdrawn 2013; Practice for Sampling Airborne Particulate Contamination in Cleanrooms for Handling Aerospace Fluids; Replaced by F25/F25M

F319-09(2014)

Practice for Polarized Light Detection of Flaws in Aerospace Transparency Heating Elements, **15.03**

F320-10

Test Method for Hail Impact Resistance of Aerospace Transparent Enclosures, 15.03

F321

Withdrawn 1983; Automatic Particle Counter Size Setting Method

F322

Withdrawn 1992; Method for Determining the Quality of Calibration Particles for Automatic Particle Counters

F323

Withdrawn 1989; Practice for Precision Classification of Particles

F324

Withdrawn 1987; Test Method for Nonvolatile Residue of Volatile Cleaning Solvents Using the Solvent Purity Meter

F325

Not Assigned

F326-96(2012)

Test Method for Electronic Measurement for Hydrogen Embrittlement From Cadmium-Electroplating Processes, **15.03**

F327-08(2015)

Practice for Sampling Gas Blow Down Systems and Components for Particulate Contamination by Automatic Particle Monitor Method, 15.03

F328

Withdrawn 2007; Practice for Calibration of an Airborne Particle Counter Using Monodisperse Spherical Particles
F329

Withdrawn 1993; Practice for Sampling and Measurement of Particulate Contamination in Liquids Using an In-Line Automatic Monitor

F330-10

Test Method for Bird Impact Testing of Aerospace Transparent Enclosures, **15.03**

F331-13

Test Method for Nonvolatile Residue of Solvent Extract from Aerospace Components (Using Flash Evaporator), 15.03

F332

Withdrawn 1982; Method of Test for Amount of Nonvolatile Residue (NVR) in Trichlorotrifluoroethane (Meseran Procedure)

F333

Withdrawn 1982; Method of Test for Amount of Lubricant on the Surface of Aluminum Foils (Meseran Procedure)

F334

Withdrawn 1990; Method for Measuring Lithium-Ion Drift Mobility in Germanium Single Crystals

F335-03(2009)

Terminology Relating to Electrostatic Imaging, **15.09**

F336-02(2009)

Practice for Design and Construction of Nonmetallic Enveloped Gaskets for Corrosive Service, 09.02

F337

Withdrawn 1982; Recommended Practice for Dimensions and Tolerances for Bone Plates; Replaced by F786

F338

Withdrawn 1982; Specification for Tipial-Type Bone Plate; Replaced by F786

F339

Withdrawn 1998; Specification for Cloverleaf Intramedullary Pins

F340

Withdrawn 1997; Specification for Pilot-Type Medical Countersinks

F341

Withdrawn 1982; Specification for Slotted Bone Plates; Replaced by F786

F342

Withdrawn 1993; Specification for Counterlocking Screws (Thornton Type)

F343

Withdrawn 1993; Specification for Counterlocking Screws (McLaughlin Type)

F344



Withdrawn 1993; Specification for Counterbored Hex-Head Bolts (Thornton Type) Made from Stainless Steel
F345

Withdrawn 1993; Specification for Counterbored Hex-Head Bolts (McLaughlin Type) Made from Stainless Steel
F346

Withdrawn 1993; Specification for Cannulated Hex-Head Bolts (Thornton Type) Made from Cobalt-Chromium Alloy
F347

Withdrawn 1993; Specification for Cannulated Hex-Head Bolts (McLaughlin Type) Made from Cobalt-Chromium Alloy
F348

Withdrawn 1993; Specification for Hex-Head Bolts (Thornton Type) Made from Cobalt-Chromium Alloy
F349

Withdrawn 1993; Specification for Hex-Head Bolts (McLaughlin Type) Made from Cobalt-Chromium Alloy
F350

Withdrawn 1993; Specification for Hex-Head Bolts (Thornton Type) and Lock Washers Made from Stainless Steel
F351

Withdrawn 1993; Specification for Hex-Head Bolts (McLaughlin Type) and Lock Washers Made from Stainless Steel
F352

Withdrawn 1993; Specification for Lock Washers Made from Stainless Steel
F353

Withdrawn 1991; Specification for Tri-Fin Nails Made from Cobalt-Chromium Alloy; Replaced by F1028
F354

Withdrawn 1991; Specification for Tri-Fin Nails Made from Stainless Steel; Replaced by F1028
F355-10a

Test Method for Impact Attenuation of Playing Surface Systems and Materials, **15.07**

F356

Withdrawn 2001; Specification for Beryllia Ceramics for Electronic and Electrical Applications
F357

Withdrawn 2008; Practice for Determining Solderability of Thick Film Conductors
F358

Withdrawn 2008; Test Method for Wavelength of Peak Photoluminescence and the Corresponding Composition of Gallium Arsenide Phosphide Wafers
F359

Withdrawn 2003; Practice for Static Immersion Testing of Unstressed Materials in Nitrogen Tetroxide (N₂O₄)
F360-82(2011)

Practice for Image Evaluation of Electrostatic Business Copies, **15.09**

F361

Withdrawn 1987; Practice for Assessment of Compatibility of Metallic Materials for Surgical Implants With Respect to Effect of Materials on Tissue; Replaced by F981
F362/F362M-91(2010)^{e1}

Test Method for Determining the Erasability of Inked Rib-

bons, **15.09**

F363-99(2011)

Test Method for Corrosion Testing of Gaskets, **09.02**

F364-96(2014)

Specification for Molybdenum Flattened Wire for Electron Tubes, **10.04**

F365

Withdrawn 1977; Recommended Practice for Electrostatic Charge Mobility on Flexible Barrier Materials
F366-10(2015)

Specification for Fixation Pins and Wires, **13.01**

F367

Withdrawn 1997; Specification for Holes and Slots for Inch Cortical Bone Screws
F367M

Withdrawn 1997; Specification for Holes and Slots with Spherical Contour for Metgric Cortical Bone Screws [Metric]
F368

F368

Withdrawn 1982; Specification for Fixation Pins—Knowles and Hagie Types; Replaced by F366
F369

Withdrawn 1982; Specification for Hip Nail—Jewett Type; Replaced by F787
F370

Withdrawn 2005; Specification for Proximal Femoral Endoprosthesis
F371

Withdrawn 2003; Test Methods for Compatibility of Materials with Liquid Oxygen (Reaction Intensity Method)
F372

Withdrawn 2009; Test Method for Water Vapor Transmission Rate of Flexible Barrier Materials Using an Infrared Detection Technique
F373-13

F373-13

Test Method for Embossed Depth of Resilient Floor Coverings, **15.04**

F374

Withdrawn 2003; Test Method for Sheet Resistance of Silicon Epitaxial, Diffused, Polysilicon, and Ion-implanted Layers Using an In-Line Four-Point Probe with the Single-Configuration Procedure
F375-89(2010)

Specification for Integrated Circuit Lead Frame Material, **10.04**

F375-89(2010)

10.04

F376/F376M

Withdrawn 1994; Test Methods for Tires for Wet Traction Performance in Cornering
F377-03(2009)

Practice for Calibration of Braking/Tractive Measuring Devices for Testing Tires, **09.02**

F378

Withdrawn 1978; Method of Test for Electrical Ignition Characteristics of Gas-Filled Flash Lamps
F379

Withdrawn 1994; Test Method for Measuring Slope Efficiency and Lasing Threshold of Ruby Laser Rods
F380

Withdrawn 1994; Test Method for Effective Fluorescent Lifetime of Neodymium-Doped Laser Materials
F381-15

Safety Specification for Components, Assembly, Use, and



Labeling of Consumer Trampolines, **15.07**

F382-14

Specification and Test Method for Metallic Bone Plates, 13.01

F383

Withdrawn 1996; Practice for Static Bend and Torsion Testing of Intramedullary Rods

F384-12

Specifications and Test Methods for Metallic Angled Orthopedic Fracture Fixation Devices, **13.01**

F385

Not Assigned

F386-11

Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces, **15.04**

F387-11

Test Method for Measuring Thickness of Resilient Floor Covering With Foam Layer, 15.04

F388

Withdrawn 1993; Method for Measurement of Oxide Thickness on Silicon Wafers and Metallization Thickness by Multiple-Beam Interference (Tolansky Method)

F389

Withdrawn 1993; Test Method for Crystallographic Perfection of Germanium by Preferential Etch Techniques

F390-11

Test Method for Sheet Resistance of Thin Metallic Films With a Collinear Four-Probe Array, **10.04**

F391

Withdrawn 2003; Test Methods for Minority Carrier Diffusion Length in Extrinsic Semiconductors by Measurement of Steady-State Surface Photovoltage

F392/F392M-11

Practice for Conditioning Flexible Barrier Materials for Flex Durability, **15.10**

F393

Withdrawn 1982; Recommended Practice for Inspection of Pneumatic Tires Prior to Retreading

F394

Withdrawn 2001; Test Method for Biaxial Flexure Strength (Modulus of Rupture) of Ceramic Substrates

F395-10

Terminology Relating to Vacuum Cleaners, **15.08**

F396

Withdrawn 2015; Practice for Comparing One-Time Noncorrectable Typewriter Ribbons

F397

Withdrawn 2003; Test Method for Resistivity of Silicon Bars Using a Two-Point Probe

F398

Withdrawn 2003; Test Method for Majority Carrier Concentration in Semiconductors by Measurement of Wavenumber or Wavelength of the Plasma Resonance Minimum

F399

Withdrawn 2003; Test Method for Thickness of Heteroepitaxial or Polysilicon Layers

F400-10

Consumer Safety Specification for Lighters, **15.11**

F401

Withdrawn 1980; Method of Test for Yield and Maintenance Factors for Gaskets

F402-05(2012)

Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings, **08.04**

F403

Withdrawn 2007; Test Method for Tires for Wet Traction in Straight-Ahead Braking, Using Highway Vehicles

F404-14a

Consumer Safety Specification for High Chairs, **15.11**

F405-13

Specification for Corrugated Polyethylene (PE) Pipe and Fittings, 08.04

F406-13

Consumer Safety Specification for Non-Full-Size Baby Cribs/Play Yards, 15.11

F407

Not Assigned

F408-99(2015)

Test Method for Tires for Wet Traction in Straight-Ahead Braking, Using a Towed Trailer, **09.02**

F409-12

Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings, 08.04

F410-08(2013)

Test Method for Wear Layer Thickness of Resilient Floor Coverings by Optical Measurement, 15.04

F411

Withdrawn 1988; Method for Service-Free Life Evaluation of Air Handling System of Household Canister, Stick, Hand-Held, and Utility Vacuum Cleaners; Replaced by F1038

F412-13

Terminology Relating to Plastic Piping Systems, **08.04**

F413

Withdrawn 2002; Practice for Preparation of an Offset Duplicator for Use in Functional Testing of Lithographic Copy Products

F414-09

Test Method for Energy Absorbed by a Tire When Deformed by Slow-Moving Plunger, **09.02**

F415-87(2010)

Test Method for Curl in Carbon Paper, 15.09

F416

Withdrawn 1998; Test Method for Detection of Oxidation Induced Defects in Polished Silicon Wafers; Replaced by F1727

F417

Withdrawn 2001; Test Method for Flexural Strength (Modulus of Rupture) of Electronic-Grade Ceramics

F418

Withdrawn 2008; Practice for Preparation of Samples of the Constant Composition Region of Epitaxial Gallium Arsenide Phosphide for Hall Effect Measurements

F419

Withdrawn 2001; Test Method for Determining Carrier Density in Silicon Epitaxial Layers by Capacitance-Voltage Measurements on Fabricated Junction or Schottky Diodes

F420-04(2014)

Test Method for Access Depth Under Furniture of Vacuum Cleaners, **15.08**

F421-07(2013)^{e1}



Test Method for Measuring Groove and Void Depth in Passenger Car Tires, 09.02

F422

Not Assigned

F423

Withdrawn 2002; Specification for Polytetrafluoroethylene (PTFE) Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges

F424

Withdrawn 2006; Test Method for Tires for Wet Driving Traction in Straight-Ahead Motion Using Highway Vehicles

F425

Withdrawn 2003; Terminology Relating to Lithographic Copy Products

F426

Withdrawn 1995; Practice for Evaluating and Classifying Methods for the Analysis of Fat in Meat and Meat Products

F427

Withdrawn 1995; Practice for Sampling Meat to Determine Percent Composition in a Lot

F428-09(2014)

Test Method for Intensity of Scratches on Aerospace Glass Enclosures, 15.03

F429-10

Test Method for Shock-Attenuation Characteristics of Protective Headgear for Football, 15.07

F430-13

Specification for Paper Used for Vacuum Cleaner Filter Bags, 15.08

F431-04(2013)

Specification for Air Performance Measurement Plenum Chamber for Vacuum Cleaners, 15.08

F432-13

Specification for Roof and Rock Bolts and Accessories, 01.08

F433-02(2014)^{e1}

Practice for Evaluating Thermal Conductivity of Gasket Materials, 09.02

F434-93(2009)

Test Method for Blow-Out Testing of Preformed Gaskets, 09.02

F435

Withdrawn 1988; Method of Test for Peak Wet Traction of Tires in Cornering With Driving Torque Application, Using Highway Vehicles

F436-11

Specification for Hardened Steel Washers, 01.08

F436M-11

Specification for Hardened Steel Washers (Metric), 01.08

F437-09

Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80, 08.04

F438-09

Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40, 08.04

F439-13

Specification for Chlorinated Poly (Vinyl Chloride)

(CPVC) Plastic Pipe Fittings, Schedule 80, 08.04

F440

Not Assigned

F441/F441M-13^{e1}

Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80, 08.04

F442/F442M-13^{e1}

Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR), 08.04

F443

Withdrawn 1987; Specification for Bell-End Chlorinated Poly(Vinyl Chloride)(CPVC) Pipe, Schedule 40

F444-88(2009)

Consumer Safety Specification for Scald-Preventing Devices and Systems in Bathing Areas, 15.11

F445-88(2009)

Consumer Safety Specification for Thermal-Shock-Preventing Devices and Systems in Showering Areas, 15.11

F446-85(2009)

Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Area, 15.11

F447

Withdrawn 1982; Specification for V-Style Blade Plate; Replaced by F787

F448-11

Test Method for Measuring Steady-State Primary Photocurrent, 10.04

F449-02(2014)

Practice for Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or Water Table Control, 08.04

F450-13

Test Methods for Vacuum Cleaner Hose—Durability and Reliability (Plastic), 15.08

F451-08

Specification for Acrylic Bone Cement, 13.01

F452-76(2014)

Specification for Preformed Cranioplasty Plates, 13.01

F453

Withdrawn 1994; Specification for Hooked Intramedullary Pins; Replaced by F1264

F454

Withdrawn 1994; Specification for Intramedullary Pins; Replaced by F1264

F455

Withdrawn 1994; Specification for Solid Cross-Section Intramedullary Nails; Replaced by F1264

F456

Withdrawn 1988; Test Method for Pinhole Flex Life of Films by Axial Vibration of a Tubular Sample

F457-04(2010)

Test Method for Speed and Distance Calibration of Fifth Wheel Equipped With Either Analog or Digital Instrumentation, 09.02

F458-13

Practice for Nondestructive Pull Testing of Wire Bonds, 10.04

F459-13

Test Methods for Measuring Pull Strength of Micro-electronic Wire Bonds, 10.04

**F460**

Withdrawn 1985; Method for Laboratory Test for Relative Cornering and Aligning Stiffnesses of Passenger Car Tires

F461

Not Assigned

F462-79(2007)

Consumer Safety Specification for Slip-Resistant Bathing Facilities, **15.11**

F463

Withdrawn 1995; Test Method for Fat in Meat and Meat Products by Ether Extraction

F464

Withdrawn 1995; Test Methods for Fat in Meat and Meat Products by the Foss-Let Fat Analyzer Techniques

F465

Withdrawn 1993; Practice for Developing Precision and Accuracy Data on ASTM Method for the Analysis of Meat And Meat Products; Replaced by F691

F466

Withdrawn 1997; Test Method for Small-Signal Scattering Parameters of Low-Power Transistors in the 0.2 to 2.0-GHz Frequency Range

F467-13^{e2}

Specification for Nonferrous Nuts for General Use, **01.08**

F467M-06a(2012)

Specification for Nonferrous Nuts for General Use (Metric), 01.08

F468-13

Specification for Nonferrous Bolts, Hex Cap Screws, Socket Head Cap Screws, and Studs for General Use, 01.08

F468M-06(2012)

Specification for Nonferrous Bolts, Hex Cap Screws, and Studs for General Use (Metric), 01.08

F469

Withdrawn 1987; Practice for Assessment of Compatibility of Nonporous Polymeric Materials for Surgical Implants with Regard to Effect of Materials on Tissue

F470-89(2009)

Practice for Caking Temperature of Dry Electrostatic Toner, **15.09**

F471

Withdrawn 2011; Terminology Relating to Combination Locks

F472-11

Terminology for Geometry of Alpine Skis, **15.07**

F473-09

Specification for Binding Mounting Area Dimensions on Alpine Skis and Bindings, 15.07

F474

Withdrawn 2004 Specification for Static Screw-Retention Strength of Binding Mounting Area on Alpine Skis

F475

Withdrawn 2004; Specifications for Test Screw Used in Screw-Retention Test of Binding Mounting Area on Alpine Skis

F476-14

Test Methods for Security of Swinging Door Assemblies, **15.08**

F477-14

Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe, 08.04

F478-14a

Specification for In-Service Care of Insulating Line Hose and Covers, 10.03

F479-06(2011)

Specification for In-Service Care of Insulating Blankets, 10.03

F480-14

Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80, 08.04

F481-97(2014)

Practice for Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields, 08.04

F482-09(2014)

Practice for Corrosion of Aircraft Metals by Total Immersion in Maintenance Chemicals, 15.03

F483-09(2014)

Practice for Total Immersion Corrosion Test for Aircraft Maintenance Chemicals, 15.03

F484-08(2013)

Test Method for Stress Cracking of Acrylic Plastics in Contact with Liquid or Semi-Liquid Compounds, 15.03

F485-08(2013)

Practice for Effects of Cleaners on Unpainted Aircraft Surfaces, 15.03

F486-01(2011)

Practice for Preparation of Use and Care Booklets for Vacuum Cleaners, 15.08

F487-13

Specification for Fine Aluminum 1% Silicon Wire for Semiconductor Lead-Bonding, 10.04

F488

Withdrawn 2004; Test Method for On-Site Screening of Heterotrophic Bacteria in Water

F489

Withdrawn 2005; Test Method for Using a James Machine

F490

Withdrawn 1992; Method for Microscopical Sizing and Counting Particles on Membrane Filters Using Image Shear

F491

Withdrawn 2002; Specification for Poly(Vinylidene Fluoride) (PVDF) Plastic-Lined Ferrous Metal Pipe and Fittings

F492

Withdrawn 2004; Specification for Propylene and Polypropylene (PP) Plastic-Lined Ferrous Metal Pipe and Fittings

F493-10

Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings, **08.04**

F494-05(2011)

Test Methods for Evaluating Primary Disposable Bag Integrity for Vacuum Cleaners, 15.08

F495-99a(2011)

Test Method for Weight Loss of Gasket Materials Upon Exposure to Elevated Temperatures, 09.02

F496-14a



Specification for In-Service Care of Insulating Gloves and Sleeves, 10.03

F497

Withdrawn 2015; Practice for Use of the Electric and Electronic Typewriter as a Test Instrument

F498-12

Test Method for Center Spring Constant and Spring Constant Balance of Alpine Skis, **15.07**

F499

Withdrawn 1992; Practice for Installation of Wood Underlayment and Preparation of the Surface to Receive Resilient Flooring

F500

Withdrawn 1993; Specification for Self-Curing Acrylic Resins Used in Neurosurgery

F501

Withdrawn 1998; Test Method for Aerospace Materials Response to Flame, With Vertical Test Specimen (for Aerospace Vehicles Standard Conditions)

F502-08(2013)

Test Method for Effects of Cleaning and Chemical Maintenance Materials on Painted Aircraft Surfaces, **15.03**

F503

Withdrawn 1988; Recommended Practice for Preparing Aircraft Cleaning Compounds, Liquid-Pipe, for Storage Stability Testing; Replaced by F1104, F1105

F504-05(2012)

Test Method for Measuring the Quasi-Static Release Moments of Alpine Ski Bindings, **15.07**

F505-87(2011)

Practice for Comparative Evaluation of Imaging Properties of Liquid Electrostatic Toners, 15.09

F506

Withdrawn 2002; Practice for Assessing the Quality of Direct-Image Paper Offset Masters

F507

Withdrawn 1994; Practice for Mounting Wedged Beam-splitters to Maintain a Laser Beam Parallel to a Reference Surface

F508

Withdrawn 2008; Practice for Specifying Thick-Film Pastes

F509

Withdrawn 2015; Practice for Testing One-Time Carbonizing Tissue for Pinholes

F510/F510M-14

Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method, **15.04**

F511-11

Test Method for Quality of Cut (Joint Tightness) of Resilient Floor Tile, 15.04

F512-12

Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation, 08.04

F513-12

Specification for Eye and Face Protective Equipment for Hockey Players, 15.07

F514

Not Assigned

F515

Withdrawn 1984; Specification for Polished Monocrystalline Silicon Slices

F516

Withdrawn 1988; Method for Laboratory Test for Force and Moment Properties of Passenger Car Tires

F517

Withdrawn 1994; Practice for Aligning a Visible Beam from a Continuous-Wave Laser at a Desired Distance from a Reference Surface

F518

Withdrawn 1996; Practice for Determining Effective Adhesion of Photoresist to Hard-Surface Photomask Blanks and Semiconductor Wafers During Etching

F519-13

Test Method for Mechanical Hydrogen Embrittlement Evaluation of Plating/Coating Processes and Service Environments, **15.03**

F520-10

Test Method for Environmental Resistance of Aerospace Transparencies to Artificially Induced Exposures, 15.03

F521-83(2010)

Test Methods for Bond Integrity of Transparent Laminates, 15.03

F522

Withdrawn 1998; Test Method for Stacking Fault Density of Epitaxial Layers of Silicon by Interference-Contrast Microscopy; Replaced by F1810

F523

Withdrawn 2003; Practice for Unaided Visual Inspection of Polished Silicon Wafer Surfaces

F524

Withdrawn 2001; Tentative Test Methods for Measuring Beam Divergence of Pulsed Lasers by the Apertured-Detector Technique

F525

Withdrawn 2003; Test Method for Measuring Resistivity of Silicon Wafers Using a Spreading Resistance Probe

F526-11

Test Method for Using Calorimeters for Total Dose Measurements in Pulsed Linear Accelerator or Flash X-ray Machines, **12.02**

F527

Withdrawn 1996; Practice for Adjusting Photoresist Exposure Time

F528

Withdrawn 2011; Test Method of Measurement of Common-Emitter DC Current Gain of Junction Transistors

F529

Withdrawn 1994; Test Method for Interpretation of Interferograms of Nominally Plane Wavefronts

F530

Withdrawn 1994; Test Method for Wavefront Distortion of Laser Rods

F531

Withdrawn 1994; Test Methods for Wavefront Distortion and Face Parallelism of Laser Disks

F532

Withdrawn 1994; Test Methods for Measuring Width of Defects in Optical Surfaces, Using Nomarski Differential Microscopy

F533



Withdrawn 2003; Test Method for Thickness and Thickness Variation of Silicon Wafers

F534

Withdrawn 2003; Test Method for Bow of Silicon Slices

F535

Withdrawn 1985; Specification for Electrical Performance Characteristics of Vacuum Cleaners

F536

Withdrawn 2004; Test Method for Size of Resilient Floor Tile by Dial Gage Method

F537-01(2014)

Specification for Design, Fabrication, and Installation of Fences Constructed of Wood and Related Materials,

01.06

F538-13

Terminology Relating to the Characteristics and Performance of Tires, 09.02

F539-01(2011)

Practice for Fitting Athletic Footwear, 15.07

F540

Withdrawn 2004; Test Method for Squareness of Resilient Floor Tile by Gage Method

F541-12

Specification for Alloy Steel Eyebolts, **01.08**

F542

Withdrawn 2013; Test Method for Exothermic Temperature of Encapsulating Compounds for Electronic and Microelectronic Encapsulation

F543-13¹

Specification and Test Methods for Metallic Medical Bone Screws, **13.01**

F544

Withdrawn 1998; Reference Chart for Pictorial Cortical Bone Screw Classification

F545

Withdrawn 2001; Specification for PVC and ABS Injected Solvent Cemented Plastic Pipe Joints

F546

Withdrawn 2002; Specification for Perfluoro (Ethylene-Propylene) Copolymer (FEP) Plastic-Lined Ferrous Metal Pipe and Fittings

F547-06(2012)

Terminology of Nails for Use with Wood and Wood-Base Materials, **01.08**

F548-09(2014)

Test Method for Intensity of Scratches on Aerospace Transparent Plastics, 15.03

F549-85(2011)

Terminology Relating to Carbonless Copy Products, 15.09

F550

Withdrawn 2002; Test Method for Lithographic Properties of Imaging Materials

F551

Withdrawn 2009; Practice for Using a 67.23-in.

(1.707-m) Diameter Laboratory Test Roadwheel in Testing Tires

F551/F551M-09a

Practice for Using a 1.707-m 67.23-in. Diameter Laboratory Test Roadwheel in Testing Tires, **09.02**

F552-14

Terminology Relating to Chain Link Fencing, 01.06

F553

Withdrawn 1998; Test Method for Carbon Paper and Carbon Film Durability

F554

Withdrawn 1988; Test Method for Wet Cornering Traction of Tires Using Over-the-Road Tire Tester

F555-01(2011)

Test Method for Motor Life Evaluation of an Upright Vacuum Cleaner, **15.08**

F556-88(2011)

Test Method for Curl of Carbonless Copy Papers, 15.09

F557

Withdrawn 1986; Test Method for Relative Work for Straight-Line Movement of Cleaners While Cleaning Carpets

F558-13

Test Method for Measuring Air Performance Characteristics of Vacuum Cleaners, **15.08**

F559-05(2010)

Test Method for Measuring Length of Road Test Courses Using a Fifth Wheel, 09.02

F560-13¹

Specification for Unalloyed Tantalum for Surgical Implant Applications (UNS R05200, UNS R05400), 13.01

F561-13

Practice for Retrieval and Analysis of Medical Devices, and Associated Tissues and Fluids, 13.01

F562-13

Specification for Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), 13.01

F563

Withdrawn 2005; Specification for Wrought Cobalt-20Nickel-3.5 Molybdenum-3.5Tungsten-5Iron Alloy for Surgical Implant Applications (UNS R30563)

F564-10(2015)

Specification and Test Methods for Metallic Bone Staples, **13.01**

F565-04(2013)

Practice for Care and Handling of Orthopedic Implants and Instruments, 13.01

F566

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F567-14a

Practice for Installation of Chain-Link Fence, **01.06**

F568M

Withdrawn 2012; Specification for Carbon and Alloy Steel Externally Threaded Metric Fasteners

F569

Withdrawn 1989; Test Method for Filterability Index of Reagent-Grade Water and High-Purity Waters for Microelectronic Device Processing

F570

Withdrawn 1995; Test Methods for Transistor Collector-Emitter Saturation Voltage

F571-87(2008)

Practice for Installation of Exit Devices in Security Areas, **15.08**

F572

Withdrawn 2001; Practice for Application of Film Secu-



rity Cameras in Financial Institutions
F573

Withdrawn 1993; Specification for Residential Zinc-Coated Steel Chain-Link Fence Fabric
F574

Withdrawn 1996; Test Method for Evaluation of Polysilicon; Replaced by F1723
F575

Withdrawn 1982; Classification for Particle Concentration in Liquids
F576

Withdrawn 2003; Test Method for Measurement of Insulator Thickness and Refractive Index on Silicon Substrates by Ellipsometry
F577-03(2009)

Test Method for Particle Size Measurement of Dry Toners, **15.09**
F578

Withdrawn 1994; Test Method for Lasing Threshold and Slope Efficiency of Neodymium-Doped Laser Rods
F579

Withdrawn 1994; Test Method for Face Flatness By Optical Non-Contact Technique
F580

Withdrawn 1996; Test Method for Adhesion Strength of Bondable Films to Substrates in Ribbon-Wire Bonds
F581

Withdrawn 1996; Practice for Accelerated Aging of Photoresist
F582

Withdrawn 1996; Practice for Preparation of Photoresist for Analysis of Inorganic Contaminants
F583

Withdrawn 1996; Test Method for Photoresist Cleanliness—Filterability
F584

Withdrawn 2015; Practice for Visual Inspection of Semiconductor Lead-Bonding Wire
F585-13

Guide for Insertion of Flexible Polyethylene Pipe Into Existing Sewers, **08.04**

F586

Withdrawn 1998; Test Method for Leak Rates Versus y Stresses and m Factors for Gaskets
F587

Withdrawn 1995; Practice for Sampling Ground Meat in Blenders
F588-14

Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact, **04.12**
F589-12

Consumer Safety Specification for Non-Powder Guns, 15.11

F590-12

Consumer Safety Specification for Non-Powder Gun Projectiles and Propellants, 15.11

F591

Withdrawn 1989; Practice for Using the Computer Impact Print-Out Unit as a Test Instrument
F592-84(2012)

Terminology of Collated and Cohered Fasteners and Their Application Tools, **01.08**

F593-13a

Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs, 01.08

F594-09^{e1}

Specification for Stainless Steel Nuts, 01.08
F595

Withdrawn 2011; Test Methods for Vacuum Cleaner Hose—Durability and Reliability (All-Plastic Hose)
F596

Withdrawn 2015; Practice for Comparative Evaluation of the Imaging Properties of Dry Electrostatic Toners
F597

Withdrawn 2015; Practice for Evaluation of One-Time Carbon Paper in Carbon-Interleaved Business Forms by Use of an Electric Typewriter
F598

Withdrawn 2015; Practice for Determining the Resistance of Carbonless Papers to Capsular Damage
F599

Specification for Withdrawn 2004: Specification for Poly(Vinylidene Chloride) (PVDC) Plastic-Lined Ferrous Metal Pipe and Fittings
F600

Withdrawn 1991; Practice for Nondestructive Testing Ultrasonic Evaluation of Socket and Butt Joints of Thermoplastic Piping
F601-13

F601-13

Practice for Fluorescent Penetrant Inspection of Metallic Surgical Implants, **13.01**

F602-09(2015)

Criteria for Implantable Thermoset Epoxy Plastics, 13.01

F603-12

Specification for High-Purity Dense Aluminum Oxide for Medical Application, 13.01

F604

Withdrawn 2001; Specification for Silicone Elastomers Used in Medical Applications
F605-88(2011)

Practice for Determining Compatibility of One-Time Carbon Paper with Carbonless Copy Papers When Interleaved into the Same Manifold Set, **15.09**

F606-14

Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets, 01.08
F606M-14

Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, and Rivets (Metric), 01.08

F607-03(2014)

Test Method for Adhesion of Gasket Materials to Metal Surfaces, 09.02

F608-13

Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners, 15.08

F609-05(2013)

Test Method for Using a Horizontal Pull Slipmeter (HPS), 15.07

F610/F610M-10

Test Method for Evaluating the Quality of Molded



Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings by the Heat Reversion Technique, 08.04

F611

Withdrawn 1994; Test Method for Wavefront Distortion of Nominally Plane Optical Elements Due to Refractive Index Inhomogeneity

F612

Withdrawn 1993; Practice for Cleaning Surfaces of Polished Silicon Slices

F613

Withdrawn 2001; Test Method for Measuring Diameter of Semiconductor Wafers

F614

Withdrawn 1996; Test Method for Distortion of Optical Lenses Used in Photomask Fabrication

F615

Withdrawn 1995; Replaced by F615M

F615M-95(2013)

Practice for Determining Safe Current Pulse-Operating Regions for Metallization on Semiconductor Components (Metric), **10.04**

F616M

Withdrawn 2009; Test Method for Measuring MOSFET Drain Leakage Current [Metric]

F617

Withdrawn 2006; Test Method for Measuring MOSFET Linear Threshold Voltage

F618

Withdrawn 1985; Method for Measuring MOSFET Saturated Threshold Voltage

F619-14

Practice for Extraction of Medical Plastics, **13.01**

F620-11

Specification for Titanium Alloy Forgings for Surgical Implants in the Alpha Plus Beta Condition, 13.01

F621-12

Specification for Stainless Steel Forgings for Surgical Implants, 13.01

F622

Withdrawn 2011; Specification for Preformed Cranioplasty Plates That Can Be Altered

F623-99(2013)

Performance Specification for Foley Catheter, **13.01**

F624-09(2015)^{e1}

Guide for Evaluation of Thermoplastic Polyurethane Solids and Solutions for Biomedical Applications, 13.01

F625/F625M-94(2011)^{e2}

Practice for Classifying Water Bodies for Spill Control Systems, 11.05

F626-14

Specification for Fence Fittings, 01.06

F627

Withdrawn 2015; Practice for Testing Flake of Single-Strike Film Typewriter Ribbons

F628-12^{e1}

Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core, **08.04**

F629-11

Practice for Radiography of Cast Metallic Surgical Implants, 13.01

F630

Withdrawn 1988; Specification for Safety Consideration for Household Vacuum Cleaners

F631-99(2008)

Guide for Collecting Skimmer Performance Data in Controlled Environments, **11.05**

F632

Withdrawn 1995; Test Method for Measuring Small-Signal Common Emitter Current Gain of Transistors at High Frequencies

F633

Withdrawn 1988; Practice for Use of the High-Speed Printer as a Test Instrument for Carbon Paper; Replaced by F1175

F634

Withdrawn 1986; Practice for Measurement of the Coating Transfer Resistance of Mechanical Carbonless CB Paper

F635

Withdrawn 1996; Guide for Selection of Tests for Material Properties of Liquid Thermoset Encapsulating Compounds for Electronic and Microelectronic Encapsulation

Withdrawn 1996; Guide for Selection of Tests for Material Properties of Transfer Molding Compounds for Electronic and Microelectronic Encapsulation

F637

Withdrawn 2006; Specification for Format, Physical Properties, and Test Methods for 19 and 35 mm Testable Tape Carrier for Perimeter Tape Carrier-Bonded Semiconductor Devices

F638

Withdrawn 2006; Specification for Fine Aluminum—1 % Magnesium Wire for Semiconductor Lead-Bonding

F639-09(2015)

Specification for Polyethylene Plastics for Medical Applications, 13.01

F640-12

Test Methods for Determining Radiopacity for Medical Use, 13.01

F641-09(2014)

Specification for Implantable Epoxy Electronic Encapsulants, 13.01

F642

Withdrawn 1995; Specification for Stainless Steel Flexible Wire for Surgical Fixations for Soft Tissue

F643

Withdrawn 1993; Specification for Wrought Cobalt-Chromium Alloy Flexible Wire for Surgical Fixations for Soft Tissue; Replaced by F1091

F644

Withdrawn 1993; Specification for Wrought Cobalt-Chromium Alloy Flexible Wire for Surgical Fixations for Bone; Replaced by F1091

F645-13

Guide for Selection, Design, and Installation of Thermoplastic Water- Pressure Piping Systems, **08.04**

F646

Not Assigned

F647-94(2014)

Practice for Evaluating and Specifying Implantable Shunt Assemblies for Neurosurgical Application, **13.01**

**F648-14****Specification for Ultra-High-Molecular-Weight Polyethylene Powder and Fabricated Form for Surgical Implants, 13.01****F649***Withdrawn 2007; Practice for Secondary Calibration of Airborne Particle Counter Using Comparison Procedures**Withdrawn 1990; Practice for Determining Relative Bias of Two Particle Counters Using Comparison Procedures***F651***Withdrawn 1988; Method for Particle Counter Single-Point Calibration by the Median Method***F652***Withdrawn 1992; Methods for Measuring Mica Stampings or Substitutes Used in Electron Devices and Lamps**Withdrawn 2002; Test Method for Evaluation of Electrostatic Masters***F654-07(2012)****Specification for Residential Chain Link Fence Gates, 01.06****F655-13****Specification for Test Carpets and Pads for Vacuum Cleaner Testing, 15.08****F656-10****Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings, 08.04****F657***Withdrawn 2003; Test Method for Measuring Warp and Total Thickness Variation on Silicon Wafers by Noncontact Scanning***F658***Withdrawn 2007; Practice for Calibration of a Liquid-Borne Particle Counter Using an Optical System Based Upon Light Extinction***F659-10****Specification for Ski and Snowboard Goggles, 15.07****F660-83(2013)****Practice for Comparing Particle Size in the Use of Alternative Types of Particle Counters, 11.01****F661***Withdrawn 2000; Practice for Particle Count and Size Distribution Measurement in Batch Samples for Filter Evaluation Using an Optical Particle Counter***F662***Withdrawn 2002; Test Method for Measurement of Particle Count and Size Distribution in Batch Samples for Filter Evaluation Using an Electrical Resistance Particle Counter***F663***Withdrawn 1994; Practice for Manual Analysis of Interferometric Data by Least-Squares Fitting to a Plane Reference Surface***F664***Withdrawn 1994; Practice for Manual Analysis of Interferometric Data by Least-Squares Fitting Spherical Reference Surface & Computer-Aided Analysis by Least-Squares Fitting to Both Plane/Spherical Reference Surfaces***F665-09(2015)****Classification for Vinyl Chloride Plastics Used in Biomedical Application, 13.01****F666***Withdrawn 1993; Specification for Stainless Steel Flexible Wire for Surgical Fixation for Bone; Replaced by F1350***F667-12****Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings, 08.04****F668-11****Specification for Polyvinyl Chloride (PVC), Polyolefin and Other Polymer-Coated Steel Chain Link Fence Fabric, 01.06****F669***Withdrawn 1995; Specification for Strength Requirements of Metal Posts and Rails for Industrial Chain Link Fence; Replaced by F1043***F670-02(2012)****Specification for Tanks, 5 and 10-Gal (20 and 40-L) Lube Oil Dispensing, 01.07****F671***Withdrawn 2003; Test Method for Measuring Flat Length on Wafers of Silicon and Other Electronic Materials***F672***Withdrawn 2003; Test Method for Measuring Resistivity Profiles Perpendicular to the Surface of a Silicon Wafer Using a Spreading Resistance Probe***F673***Withdrawn 2003; Test Methods for Measuring Resistivity of Semiconductor Slices or Sheet Resistance of Semiconductor Films with a Noncontact Eddy-Current Gage***F674***Withdrawn 2003; Practice for Preparing Silicon for Spreading Resistance Measurements***F675***Withdrawn 1995; Test Method for Measuring Nonequilibrium Transient Photocurrents in p-n Junctions***F676***Withdrawn 2009; Test Method for Measuring Unsaturated TTL Sink Current***F677***Withdrawn 2013; Test Method for Fluid and Grease Resistance of Thermoset Encapsulating Compounds Used in Electronic and Microelectronic Applications***F678***Withdrawn 1989; Specification for Polyethylene Gas Pressure Pipe Tubing and Fittings; Replaced by D2513***F679-13a****Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings, 08.04****F680-80(2012)****Test Methods for Nails, 01.08****F681-82(2014)****Practice for Use of Branch Connections, 01.07****F682-82a(2014)****Specification for Wrought Carbon Steel Sleeve-Type Pipe Couplings, 01.07****F683-10****Practice for Selection and Application of Thermal Insulation for Piping and Machinery, 01.07**

**F684**

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F685-96(2011)

Practice for Determining Toner Usage, Efficiency, and Dusting Nonheat Fixing Copiers Using Single-Component Toner Systems, **15.09**

F686-94(2011)

Practice for Evaluation of Image Quality Produced by Carbonless Copy Paper with an Electric or Electronic Typewriter, 15.09

F687

Withdrawn 1988; Practice for On-Site Calibration of Liquid-Borne Automatic Particle Counters With Adjustable Individual Size Thresholds

F688-14

Specification for Wrought Cobalt-35Nickel-20Chromium-10Molybdenum Alloy Plate, Sheet, and Foil for Surgical Implants (UNS R30035), **13.01**

F689-97(2011)

Practice for Determination of the Temperature of Above-Ground Plastic Gas Pressure Pipe Within Metallic Casings, 08.04

F690

Withdrawn 2012; Practice for Underground Installation of Thermoplastic Pressure Piping Irrigation Systems

F691

Withdrawn 1996; Practice for Preparing Photoplates for Measuring Flatness Deviation

F692

Withdrawn 2008; Test Method for Measuring Adhesion Strength of Solderable Films to Substrates

F693-01(2012)

Practice for Sealing Seams of Resilient Sheet Flooring Products by Use of Liquid Seam Sealers, **15.04**

F694

Withdrawn 2008; Test Method for Heel-Attaching Strength of Women's Shoes; Replaced by F2232

F695-01(2009)

Practice for Ranking of Test Data Obtained for Measurement of Slip Resistance of Footwear Sole, Heel, and Related Materials, **15.07**

F696-06(2011)

Specification for Leather Protectors for Rubber Insulating Gloves and Mittens, 10.03

F697

Withdrawn 2015; Practice for Care and Use of Athletic Mouth Protectors

F698

Withdrawn 2009; Specification for Physical Information to be Provided for Amusement Rides and Devices

F699

Withdrawn 2005; Practice for Accelerated Conditioning of Polybutylene Pipe and Tubing for Subsequent Quality Control Testing

F700-93(2014)

Practice for Care and Handling of Intracranial Aneurysm Clips and Instruments, **13.01**

F701-81(2008)

Practice for Care and Handling of Neurosurgical Implants and Instruments, 13.01

F702-10

Specification for Polysulfone Resin for Medical Appli-

cations, 13.01

F703-07

Specification for Implantable Breast Prostheses, 13.01

F704-81(2014)

Practice for Selecting Bolting Lengths for Piping System Flanged Joints, 01.07

F705

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F706-96(2011)

Practice for Determination of Fusion Temperature of Dry Electrostatic Heat-Fixing Toners, **15.09**

F707/F707M-94(2011)

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F708-92(2014)

Practice for Design and Installation of Rigid Pipe Hangers, 01.07

F709

Withdrawn 1993; Specification for Gasket—Asbestos Metallic Cloth Material

F710-11

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F711-02(2013)

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F712-06(2011)

Test Methods and Specifications for Electrically Insulating Plastic Guard Equipment for Protection of Workers, 10.03

F713

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F714-13

Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter, **08.04**

F715-07(2012)

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F716-09

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F717-10

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F718-07(2011)^{e1}

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F719-81(2012)

Practice for Testing Biomaterials in Rabbits for Primary Skin Irritation, 13.01

F720-13

Practice for Testing Guinea Pigs for Contact Allergens: Guinea Pig Maximization Test, 13.01

F721-81(2014)

Specification for Gage Piping Assemblies, 01.07

F722-82(2014)

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F723

Withdrawn 2003; Practice for Conversion Between Resistivity and Dopant Density for Boron-Doped, Phosphorus-Doped, and Arsenic-Doped Silicon

F724-94a(2010)^{e1}



Test Method for Outdoor Evaluation of Tire Sidewall Component Cracking Resistance, **09.02**

F725-03(2013)

Practice for Drafting Impact Test Requirements In Thermoplastic Pipe And Fittings Standards, 08.04 F726-12

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Withdrawn 1996; Test Method for Measuring Transmittance of See-Through Photoplate

F728

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F729

Withdrawn 1992; Test Methods for Temperature Coefficient of Resistance of Film Resistors

F730

Withdrawn 1993; Test Methods for Hermeticity of Electron Devices by a Weight-Gain Test

F731

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F732-00(2011)

Test Method for Wear Testing of Polymeric Materials Used in Total Joint Prostheses, **13.01**

F733-09(2014)

Practice for Optical Distortion and Deviation of Transparent Parts Using the Double-Exposure Method, 15.03

F734-95(2011)

Test Method for Shear Strength of Fusion Bonded Polycarbonate Aerospace Glazing Material, 15.03

F735-11

Test Method for Abrasion Resistance of Transparent Plastics and Coatings Using the Oscillating Sand Method, 15.03

F736-95(2011)

Test Method for Impact Resistance of Monolithic Polycarbonate Sheet by Means of a Falling Weight, 15.03

F737

Withdrawn 2002; Performance Specification for Ice Hockey Skate Blades

F738M

Withdrawn 2014; Specification for Stainless Steel Metric Bolts, Screws, and Studs,

F739-12^{e1}

Test Method for Permeation of Liquids and Gases through Protective Clothing Materials under Conditions of Continuous Contact, 11.03

F740

Withdrawn 2002; Definition of Terms Relating to Filtration

F741

Withdrawn 1994; Test Method for Determining the Crystallographic Axes and Contrast Ratio of a Pockels Cell Electro-Optic Crystal Operating in the Longitudinal Mode

F742

Withdrawn 1994; Practice for Evaluating an Interferometer

F743

Withdrawn 1995; Test Method for Measuring Contrast Ratio of a Pair of Linear Polarizers for Visible Radiation

F744M-10

Test Method for Measuring Dose Rate Threshold for Upset of Digital Integrated Circuits (Metric), **10.04**

F745

Withdrawn 2012; Specification for 18Chromium-12.5Nickel-2.5Molybdenum Stainless Steel for Cast and Solution-Annealed Surgical Implant Applications

F746-04(2014)

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F747-06(2014)

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F748-06(2010)

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F749-13

Practice for Evaluating Material Extracts by Intracutaneous Injection in the Rabbit, 13.01

F750-87(2012)

Practice for Evaluating Material Extracts by Systemic Injection in the Mouse, 13.01

F751

Withdrawn 2003; Test Method for Measuring Particle Size of Wide-Size Range Dry Toners

F752

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F753

Withdrawn 1998; Classification of Brassieres

F754-08(2015)

Specification for Implantable Polytetrafluoroethylene (PTFE) Sheet, Tube, and Rod Shapes Fabricated from Granular Molding Powders, **13.01**

F755-99(2011)

Specification for Selection of Porous Polyethylene for Use in Surgical Implants, 13.01

F756-13

Practice for Assessment of Hemolytic Properties of Materials, 13.01

F757

Withdrawn 2006; Test Method for Determining Energy Consumption of Copier and Copier-Duplicating Equipment; Replaced by F2495

F758-95(2007)^{e1}

Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage, **08.04**

F759

Withdrawn 1995; Specification for Hot Chocolate Beverage Dispensers

F760-93(2012)

Specification for Food Service Equipment Manuals, **15.12**

F761

Withdrawn 2003; Specification for Strength Requirements of Tubular Steel Posts and Rails for Residential Chain-Link Fence

F762/F762M-08(2014)

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F763-04(2010)

Practice for Short-Term Screening of Implant Materials, 13.01

F764

Withdrawn 2003; Practice for Compatibility of Materials with High-Energy Propellants (Impact Sensitivity Threshold Technique)

F765-93(2012)^{e1}

Specification for Wildcats, Ship Anchor Chain, **01.07**

F766/F766M-82(2010)^{e1}

Test Method for Melting Point of Waxes, 15.09

F767-98(2013)

Test Method for Image Stability of Chemical Carbonless Paper to Light, 15.09

F768

Withdrawn 1994; Test Method for Specular Reflectance and Transmittance Measurements of Optically Flat-Coated and Non-Coated Specimens

F769

Withdrawn 2006; Test Method for Measuring Transistor and Diode Leakage Currents

F770-15

Practice for Ownership, Operation, Maintenance, and Inspection of Amusement Rides and Devices, **15.07**

F771

Withdrawn 2013; Specification for Polyethylene (PE) Thermoplastic High-Pressure Irrigation Pipeline Systems

F772

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F773M-10

Practice for Measuring Dose Rate Response of Linear Integrated Circuits (Metric), **10.04**

F774

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F775

Withdrawn 1991; Test Method for Wafer and Slice Flatness by Interferometric, Noncontact Technique

F776

Withdrawn 1996; Test Method for Resistance of Materials to Horizontal Flame Propagation (for Aerospace Vehicles, Standard Conditions)

F777

Withdrawn 1997; Test Method for Resistance of Electrical Wire Insulation Materials to Flame at 60°; Replaced by D3032

F778-88(2014)

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F779-12

Test Method for Torsion Characteristic of Alpine Skis, 15.07

F780-93a(2012)

Test Method for Linear Deformation and Breaking Strength of Alpine Skis, 15.07

F781

Withdrawn 2004; Specification for Perfluoro (Alkoxyalkane) Copolymer (PFA) Plastic-Lined Ferrous Metal Pipe and Fittings

F782-01(2012)

Specification for Doors, Furniture, Marine, **01.07**

F783-88(2013)

Specification for Staple, Handgrab, Handle, and Stirrup Rung, 01.07

F784

Withdrawn 1996; Test Method for Calibrating Radioisotope Hermetic Test Apparatus

F785

Withdrawn 1996; Test Method for Hermeticity of Sealed Devices by a Radioisotope Test

F786

Withdrawn 1998; Specification for Metallic Bone Plates; Replaced by F382

F787

Withdrawn 1998; Specification for Metallic Nail-Plate Appliances

F788-13

Specification for Surface Discontinuities of Bolts, Screws, and Studs, Inch and Metric Series, **01.08**

F789

Withdrawn 2004; Specification for Type PS-46 and Type PS-115 Poly(Vinyl Chloride) (PVC) Plastic Gravity Flow Sewer Pipe and Fittings

F790-08(2013)

Guide for Testing Materials for Aerospace Plastic Transparent Enclosures, **15.03**

F791-96(2013)

Test Method for Stress Cracking of Transparent Plastics, 15.03

F792-08

Practice for Evaluating the Imaging Performance of Security X-Ray Systems, 15.08

F793-10a

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F794-03(2014)

Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter, 08.04

F795

Withdrawn 2002; Practice for Determining the Performance of a Filter Medium Employing a Single-Pass, Constant-Rate, Liquid Test

F796

Withdrawn 2002; Practice for Determining the Performance of a Filter Medium Employing a Single-Pass, Constant-Pressure, Liquid Test

F797

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F798

Withdrawn 2008; Practice for Determining Gettering Rate, Sorption Capacity, and Gas Content of Nonevaporable Getters in the Molecular Flow Region

F799-11

Specification for Cobalt-28Chromium-6Molybdenum Alloy Forgings for Surgical Implants (UNS R31537, R31538, R31539), **13.01**

F800

Withdrawn 1992; Specification for Corrugated Poly(Vi-



nyl Chloride) Tubing and Compatible Fittings
F801-96(2008)
Test Method for Measuring Optical Angular Deviation of
Transparent Parts, **15.03**

F802

*Withdrawn 2012; Guide for Selection of Certain Walk-
way Surfaces When Considering Footwear Traction*
F803-14

Specification for Eye Protectors for Selected Sports,
15.07

F804

*Withdrawn 1997; Practice for Producing Spin Coating
Resist Thickness Curves*

F805

*Withdrawn 1996; Test Method for Photoplate Surface
Flatness by Interferometric Non-Contact Technique*
F806-99a(2009)

Test Method for Compressibility and Recovery of Lami-
nated Composite Gasket Materials, **09.02**

F807

*Withdrawn 2015; Practice for Determining Resolution
Capability of Office Copiers*

F808

*Withdrawn 1998; Guide for Collecting Skimmer Perfor-
mance Data in Uncontrolled Environments*
F809/F809M

*Withdrawn 2000; Specification for Large Diameter
Polybutylene Plastic Pipe*
F810-12

Specification for Smoothwall Polyethylene (PE) Pipe for
Use in Drainage and Waste Disposal Absorption Fields,
08.04

F811-02(2010)

**Practice for Accelerometer Use in Vehicles for Tire
Testing, 09.02**

F812-12

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and Metric Series, 01.08**

F813-07(2012)

**Practice for Direct Contact Cell Culture Evaluation of
Materials for Medical Devices, 13.01**

F814

*Withdrawn 1995; Test Method for Specific Optical Den-
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space Applications*

F815

*Withdrawn 1998; Test Method for Detection of Epitaxial
Spikes*

F816

*Withdrawn 2009; Test Method for Combined Fine and
Gross Leaks for Large Hybrid Microcircuit Packages*
F817

*Withdrawn 1996; Test Method for Characterization of
Film Resistor Materials and Processes*
F818-93(2009)

Terminology Relating to Spill Response Barriers, **11.05**

F819-10

**Terminology Relating to Electrical Protective Equip-
ment for Workers, 10.03**

F820-11

**Test Method for Measuring Air Performance Charac-
teristics of Central Vacuum Cleaning Systems, 15.08**

F821/F821M-01(2012)

**Specification for Domestic Use Doors and Frames,
Steel, Interior, Marine, 01.07**

F822-93(2010)

**Specification for Chest of Drawers (Chiffonier), Steel,
Marine, 01.07**

F823-93(2010)

**Specification for Desk, Log, Marine, Steel, with Cabi-
net, 01.07**

F824-93(2010)

Specification for Tables, Mess, Marine, Steel, 01.07

F825-93(2010)

**Specification for Drawers, Furniture, Marine, Steel,
01.07**

F826-94(2010)

Specification for Tops, Furniture, Marine, Steel, 01.07

F827

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F828

*Withdrawn 1995; Test Method for Radiant Heat Resis-
tance of Aircraft Inflatable Evacuation Slide/Slide Raft
Materials*

F829

*Withdrawn 1991; Test Method for Determining Protein
Efficiency Ratio for Meat and Meat Products*

F830

*Withdrawn 1991; Practice for Preparation of Meat, Vari-
ety Meats, Meat Byproducts and Meat Food Products for
Determination of Either Protein Efficiency Ratio or Net
Protein Ratio (Rat Feeding Tests)*

F831

*Withdrawn 1991; Test Method for Determining Net Pro-
tein Ratio for Meat and Meat Products*

F832-90(2008)

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F833-13b

**Consumer Safety Performance Specification for Car-
riages and Strollers, 15.11**

F834-84(2008)

Consumer Safety Specification for Toy Chests, 15.11

F835-13

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Countersunk Head Cap Screws, 01.08**

F835M-11

**Specification for Alloy Steel Socket Button and Flat
Countersunk Head Cap Screws (Metric), 01.08**

F836M-02(2010)

**Specification for Style 1 Stainless Steel Metric Nuts
(Metric), 01.08**

F837-13¹

**Specification for Stainless Steel Socket Head Cap
Screws, 01.08**

F837M-02a(2010)

**Specification for Stainless Steel Socket Head Cap
Screws Metric, 01.08**

F838-05(2013)

**Test Method for Determining Bacterial Retention of
Membrane Filters Utilized for Liquid Filtration, 14.02**
F839

*Withdrawn 2015; Specification for Cautionary Labeling
of Portable Gasoline Containers for Consumer Use*

F840



Withdrawn 2008; Specification for Ladders, Fixed, Vertical, Steel, Ship's; Replaced by F1166
F841-84(2011)

Specification for Thrusters, Tunnel, Permanently Installed in Marine Vessels, **01.07**

F842-14

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F843

Withdrawn 2015; Test Method for Assessing the Color Strength and Dispersibility of Alkali Blue Pigment in Hot Melt Carbon Copy Paper Ink

F844-07a(2013)

Specification for Washers, Steel, Plain (Flat), Unhardened for General Use, **01.08**

F845

Withdrawn 2003; Specification for Plastic Insert Fittings for Polybutylene (PB) Tubing

F846

Withdrawn 2013; Guide for Testing Performance of Amusement Rides and Devices

F847

Withdrawn 2003; Test Methods for Measuring Crystallographic Orientation of Flats on Single Crystal Silicon Wafers by X-Ray Techniques

F848

Withdrawn 1992; Test Method for Determining the Lattice Constant of Single Crystal Gadolinium Gallium Garnet

F849

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F850

Withdrawn 1992; Test Method for Crystallographic Perfection of Gadolinium Gallium Garnet by Preferential Etch Techniques

F851-87(2013)

Test Method for Self-Rising Seat Mechanisms, **15.11**

F852-08

Specification for Portable Gasoline Containers for Consumer Use, 15.11

F853

Withdrawn 2014; Practice for Maintenance Procedures for Amusement Rides and Devices

F854

Withdrawn 2015; Test Method for Cleanliness of Carbon Paper

F855-14

Specifications for Temporary Protective Grounds to Be Used on De-energized Electric Power Lines and Equipment, **10.03**

F856-97(2014)

Practice for Mechanical Symbols, Shipboard—Heating, Ventilation, and Air Conditioning (HVAC), 01.07

F857-12

Specification for Hot Water and Chemical Sanitizing Commercial Dishwashing Machines, Stationary Rack Type, 15.12

F858-07(2013)^{e1}

Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type, 15.12

F859-09

Specification for Heat-Sanitizing Commercial Dishwashing Machines, Multiple Tank, Conveyor Rack Type, 15.12

F860-07(2013)

Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Multiple Tank, Rackless Conveyor Type, 15.12

F861-14a

Specification for Commercial Dishwashing Racks, 15.12

F862-11

Practice for pH and Chloride-ion Concentration of Aerospace Hydraulic Fluids, 15.03

F863

Withdrawn 1996; Practice for Detection of Defects in Spin-Coated Resist

F864

Withdrawn 1996; Practice for Inspection of Hardsurface Glass Photoplates

F865

Withdrawn 2001; Test Method for Gross Camber of Ceramic Substrates for Thick Film Applications

F866

Withdrawn 1996; Test Method for Measuring the Package Attenuation Coefficient of a Sealed Device for Radioisotope Hermetic Test

F867M

Withdrawn 1998; Guide for Ionizing Radiation Effects (Total Dose Testing of Semiconductor Devices [Metric]); Replaced by F1893

F868-02(2009)

Classification for Laminated Composite Gasket Materials, **09.02**

F869

Withdrawn 2013; Terminology Relating to Athletic Shoes and Biomechanics

F870-94(2010)

Practice for Tread Footprints of Passenger Car Tires Groove Area Fraction and Dimensional Measurements, **09.02**

F871M

Withdrawn 2001; Specification for Electrodeposited Coatings on Threaded Components [Metric]; Replaced by F1941M

F872

Withdrawn 2002; Specification for Filter Units, Air Conditioning: Viscous-Impingement Type, Cleanable

F873

Withdrawn 2010; Guide for Incinerating Oil Spill Wastes at Temporary Field Locations

F874-98(2014)

Test Method for Temperature Measurement and Profiling for Microwave Susceptors, **15.10**

F875-09

Test Method for Evaluation of Large Area Density and Background on Office Copiers, 15.09

F876-13a

Specification for Crosslinked Polyethylene (PEX) Tub-



ing, 08.04

F877-11a

Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems, 08.04

F878

Withdrawn 2000; Specification for Polybutylene (PB) Thermoplastic Thin-Wall Drip Irrigation Tubing

F879-12

Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws, 01.08

F879M-02a(2008)

Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws (Metric), 01.08

F880-12

Specification for Stainless Steel Socket, Square Head, and Slotted Headless-Set Screws, 01.08

F880M-02(2008)

Specification for Stainless Steel Socket Set Screws (Metric), 01.08

F881-94(2014)

Specification for Silicone Elastomer Facial Implants, 13.01

F882

Withdrawn 2011; Performance and Safety Specification for Cryosurgical Medical Instruments

F883-13

Performance Specification for Padlocks, 15.08

F884-01(2011)

Test Method for Motor Life Evaluation of a Built-In (Central Vacuum) Vacuum Cleaner, 15.08

F885-84(2011)

Specification for Envelope Dimensions for Bronze Globe Valves NPS, 01.07

F886

Withdrawn 1995; Test Method for Apparent Nitrogen Digestibility for Meat and Meat Products

F887-13

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F888-06(2011)

Test Method for Measuring Maximum Function Volume of the Primary Dirt, 15.08

F889

Withdrawn 1996; Test Method for Characterizing a Combination of Planar Surfaces to a Technical Level by a Vacuum Hold-Down Technique

F890

Withdrawn 1996; Practice for Determining Pinhole Density in Photoresist Films Used in Microelectronic Device Processing

F891-10

Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core, 08.04

F892

Withdrawn 2001; Specification for Polyethylene (PE) Corrugated Pipe with a Smooth Interior and Fitting

F893

Withdrawn 2013; Guide for Auditing Amusement Rides and Devices; Replaced by F2974

F894-13

Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe, 08.04

F895-11

Test Method for Agar Diffusion Cell Culture Screening for Cytotoxicity, 13.01

F896

Withdrawn 2001; Specification for Flexible Fiberoptic Bronchoscopes; Replaced by ISO 8600-1:1997

F897-02(2013)

Test Method for Measuring Fretting Corrosion of Osteosynthesis Plates and Screws, 13.01

F898

Withdrawn 1992; Practice for Permanent Marking of Orthopedic Implant Components

F899-12b

Specification for Wrought Stainless Steels for Surgical Instruments, 13.01

F900-11

Specification for Industrial and Commercial Steel Swing Gates, 01.06

F901-01(2012)

Specification for Aluminum Transmission Tower Bolts and Nuts, 01.08

F902

Withdrawn 2000; Practice for Calculating the Average Circular-Capillary-Equivalent Pore Diameter in Filter Media from Measurements of Porosity and Permeability

F903-10

Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Liquids, 11.03

F904-98(2008)

Test Method for Comparison of Bond Strength or Ply Adhesion of Similar Laminates Made from Flexible Materials, 15.10

F905-04(2011)

Practice for Qualification of Polyethylene Saddle-Fused Joints, 08.04

F906-85(2014)

Specification for Letters and Numerals for Ships, 01.07

F907

Withdrawn 1997; Test Method for Measurement of Rotational Acceleration of a Wafer for Photoresist Spin Coating

F908

Withdrawn 1996; Practice for Evaluating Safelights for Photoresists Modules to Hail by Impact with Propelled Ice Balls

F909-94a(2011)

Terminology Relating to Printers, 15.09

F910-04(2015)

Specification for Face Guards for Youth Baseball, 15.07

F911

Withdrawn 2002; Test Method for Flexibility of Running Shoes

F912-11

Specification for Alloy Steel Socket Set Screws, 01.08

F912M-11

Specification for Alloy Steel Socket Set Screws (Metric), 01.08

F913-02(2014)

Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining, 08.04

F914/F914M-14



Test Method for Acoustic Emission for Aerial Personnel Devices Without Supplemental Load Handling Attachments, 10.03

F915

Withdrawn 1995; Specification for Bitts, Ship Mooring, Cast Steel (Double Barrel)

F916

Withdrawn 2002; Specification for Elevators, Shipboard, Electromechanical Passenger, and Stores

F917-14

Specification for Commercial Food Waste Disposers, **15.12**

F918-15

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F919-15

Specification for Slicing Machines, Food, Electric, 15.12

F920

Withdrawn 2007; Specification for Minimum Performance and Safety Requirements for Resuscitators Intended for Use With Humans

F921-10(2011)

Terminology Relating to Hemostatic Forceps, **13.01**

F922-01(2011)

Test Method for Motor Life Evaluation of an Electric Motorized Nozzle, 15.08

F923

Withdrawn 2006; Guide to Properties of High Visibility Materials Used to Improve Individual Safety

F924-90(2015)

Test Method for Resistance to Puncture of Cushioned Resilient Floor Coverings, **15.04**

F925-13

Test Method for Resistance to Chemicals of Resilient Flooring, 15.04

F926

Withdrawn 2014; Specification for Cautionary Labeling of Portable Kerosine and Diesel Containers for Consumer Use; Replaced by F839

F927

Withdrawn 1999; Specification for Pediatric Tracheostomy Tubes; Replaced by F1627

F928

Withdrawn 2003; Test Methods for Edge Contour of Circular Semiconductor Wafers and Rigid Disk Substrates

F929

Withdrawn 2002; Guide for Ecological Considerations for the Use of Chemical Dispersants in Oil Spill Response—Marine Mammals

F930

Withdrawn 2001; Guide for Ecological Considerations for the Use of Chemical Dispersants in Oil Spill Response—Rocky Shores

F931

Withdrawn 2002; Guide for Ecological Considerations for the Use of Chemical Dispersants in Oil Spill Response—Seagrasses

F932

Withdrawn 2002; Guide for Ecological Considerations for the Use of Chemical Dispersants in Oil Spill

Response—Coral Reefs

F933

Withdrawn 2001; Guide for Evaluation of Oil Water Separation Systems for Spilled Oil Recovery Applications

F934-96(2013)

Specification for Standard Colors for Polymer-Coated

Chain Link Fence Materials, **01.06**

F935

Withdrawn 2015; Test Method for Comparing Cover-Up Correction Media

F936

Withdrawn 1997; Specification for Chocks, Panama, Mooring Cast Steel

F937

Withdrawn 1997; Specification for Chocks, Ship Mooring, Cast Steel

F938

Withdrawn 1995; Specification for Bitts, Ship Mooring, Welded Steel (Double Barrel)

F939-12

Practice for Selection of Release Torque Values for

Alpine Ski Bindings, **15.07**

F940-99(2013)

Practice for Quality Control Receipt Inspection Procedures for Protective Coatings (Paint), Used in Marine Construction and Shipbuilding, 01.07

F941-99(2013)

Practice for Inspection of Marine Surface Preparation and Coating Application, 01.07

F942-02(2013)

Guide for Selection of Test Methods for Interlayer Materials for Aerospace Transparent Enclosures, 15.03

F943

Withdrawn 1997; Test Method for Measuring Halation of Transparent Parts

F944

Withdrawn 2004; Specification for Properties of Adult Alpine Ski Boots

F945-12

Test Method for Stress-Corrosion of Titanium Alloys by Aircraft Engine Cleaning Materials, **15.03**

F946-85(2010)

Guide for Establishing Security Seal Control and Accountability Procedures, 15.08

F947

Withdrawn 2005; Test Method for Determining Low-Level X-Radiation Sensitivity of Photographic Films

F948-94(2011)

Test Method for Time-to-Failure of Plastic Piping Systems and Components Under Constant Internal Pressure With Flow, **08.04**

F949-10

Specification for Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe With a Smooth Interior and Fittings, 08.04

F950

Withdrawn 2003; Test Method for Measuring the Depth of Crystal Damage of a Mechanically Worked Silicon Slice Surface by Angle Polishing and Defect Etching

F951

Withdrawn 2003; Test Method for Determination of



Radial Interstitial Oxygen Variation in Silicon Wafers
F952-12

Specification for Mixing Machines, Food, Electric, **15.12**
F953-14

Specification for Commercial Dishwashing Machines
(Stationary Rack, Dump Type) Chemical Sanitizing,
15.12
F954

Withdrawn 1996; Specification for Respiratory Home
Care
F955-15

Test Method for Evaluating Heat Transfer through Materi-
als for Protective Clothing Upon Contact with Molten
Substances, **11.03**

F956-91(2012)

Specification for Bell, Cast, Sound Signalling, 01.07
F957-91(2012)

Specification for Gong, Sound Signaling, 01.07
F958

Withdrawn 1993; Practice for Developing Guides for
Using Consumer Products
F959-13

Specification for Compressible-Washer-Type Direct Ten-
sion Indicators for Use with Structural Fasteners, **01.08**
F959M-13

Specification for Compressible-Washer-Type Direct
Tension Indicators for Use With Structural Fasteners
(Metric), 01.08
F960

Withdrawn 2003; Specification for Medical and Surgical
Suction and Drainage Systems; Replaced by F2221,
F2222, F2265
F961-14

Specification for 35Cobalt-35Nickel-20Chromium-
10Molybdenum Alloy Forgings for Surgical Implants (UNS
R30035), **13.01**

F962-04(2010)

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F963-11

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F964-13

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F965

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F966

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F967-03(2011)

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F968

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F969-11

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F970-07(2011)

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F971

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F972

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F973

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F974-06(2011)^{e1}

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F975

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F976-08

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F977-12

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F978

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F979

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F980-10^{e1}

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F981-04(2010)

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rials for Surgical Implants with Respect to Effect of
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F982-86(2008)

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gically Implanted Clamps for Carotid Occlusion, 13.01
F983-86(2013)

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F984

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F985-00(2012)

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F986-86(2014)

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F987-04(2010)

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F988

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ethylene for Medical Devices
F989

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F990

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F991M

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F992-86(2011)

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F993-86(2011)

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F994-86(2011)

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F995-09

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F996-11

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F997-10

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F998-12

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F999

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F1000-13

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F1001-12

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F1002-15

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F1003-02(2012)^{e1}

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F1004-15a

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F1005-91(2013)

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F1006-86(2014)^{e1}

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F1007-86(2014)

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F1008

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F1009

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F1010

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F1012

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F1013

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F1014-02(2012)^{e1}

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F1015-03(2009)

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F1016-07(2013)^{e1}

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F1017

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F1018-87a(2010)

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F1019M-00(2012)

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F1020-86(2011)

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F1021-95(2013)

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F1022

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F1023-12

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F1024

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F1025-94(2011)

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F1026-86(2014)

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F1027-86(2012)



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F1028

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F1029

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F1030-86(2014)^{e1}

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F1031-13

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F1032

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F1033-00(2010)

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F1034

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F1035-03(2008)

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F1036

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F1037-10

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F1038-02(2011)

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F1039

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F1040

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F1041-02(2008)

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F1042

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F1043-14

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F1044-05(2011)^{e1}

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F1045-15

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F1046-01(2015)

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F1047-10
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F1048

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F1049

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F1050/F1050M-87(2010)^{e1}

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F1051

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F1052-14

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F1053/F1053M

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F1054

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F1055-13

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F1056-04(2011)

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F1057-10

Practice for Estimating the Quality of Extruded Poly (Vinyl Chloride) (PVC) Pipe by the Heat Reversion Technique, 08.04

F1058-08

Specification for Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), 13.01

F1059

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F1060-08

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F1061-08(2013)

Specification for Ski Binding Test Devices, 15.07

F1062-97(2013)

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F1063-09(2014)

Practice for Functional Inspections and Adjustments of Alpine Ski/Binding/Boot Systems, 15.07

F1064-11

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F1065

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F1066-04(2014)^{e1}

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F1068-90(2012)

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F1069-87(2012)

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F1070-87(2012)

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F1071-94(2012)

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F1072-94(2012)

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F1073-87(2012)

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F1074-87(2012)

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F1075-97(2014)

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F1076-87(2010)

Practice for Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube, 01.07

F1077

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F1078-10(2011)

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F1079-87(2014)

Specification for Inserted and Noninserted Surgical Scissors, 13.01

F1080-93(2013)

Test Method for Determining the Consistency of Viscous Liquids Using a Consistometer, 15.03

F1081-09(2015)

Specification for Competition Wrestling Mats, 15.07 F1082

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F1083-13

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F1084-08(2013)

Guide for Sampling Oil/Water Mixtures for Oil Spill Recovery Equipment, 11.05

F1085-14

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F1086-94(2008)

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F1088-04a(2010)

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F1089-10

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F1090-15

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F1091-12

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F1092-14

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F1093-99(2012)

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F1094-87(2012)

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F1096

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F1097-91(2012)

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F1098-87(2010)

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F1099M-98(2011)

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F1101

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F1102

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F1103

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F1104-02(2013)

Test Method for Preparing Aircraft Cleaning Compounds, Liquid Type, Water Base, for Storage Stability Testing, 15.03



F1105-09(2014)

Practice for Preparing Aircraft Cleaning Compounds, Liquid-Type, Temperature-Sensitive, or Solvent-Based, for Storage Stability Testing, 15.03

F1106-87(2012)

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F1107-04(2015)

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F1108-14

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F1109

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F1110-09(2014)

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F1111-08b(2013)

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F1112-06a(2010)

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F1113-87(2011)

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F1115-95(2008)^{c1}

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F1116-14a

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F1117-03(2013)

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F1118

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F1119

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F1120-87(2010)

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F1121-87(2010)

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F1122-04(2010)

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F1123-87(2010)

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F1124

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F1125-87(2011)

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F1126-12

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F1127-07(2013)

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F1128

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F1129/F1129M-12

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F1130-99(2014)

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F1131

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F1133

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F1134-12

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F1135

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F1136M

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F1136/F1136M-11

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F1137-11^{c1}

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F1138-98(2014)

Specification for Spray Shields for Mechanical Joints, 01.07

F1139-88(2010)

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F1140/F1140M-13

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F1142-98(2012)

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F1143-98(2012)

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F1144-98(2012)

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F1145-05(2011)

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F1146

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F1147-05(2011)

Test Method for Tension Testing of Calcium Phosphate and Metallic Coatings, 13.01

F1148-12

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F1149-93(2013)

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F1150-11

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F1151

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F1152

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F1153

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F1154-11

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F1155-10

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F1156

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F1157-04(2015)

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F1158-94(2015)

Guide for Inspection and Evaluation of Tampering of Security Seals, 15.08

F1159-15a

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F1160-14

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F1161

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F1162

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F1162/F1162M-12

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F1163-13

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F1164-97(2014)

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F1165-10

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F1166-07(2013)

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F1167

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F1168

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F1169-13

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F1170

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F1171

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F1172-88(2010)

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F1173-01(2012)

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F1174-12

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F1175-88(2011)

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F1176

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F1177-02(2009)

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F1178-11

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F1179-88(2014)

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F1180



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F1181-09(2014)

Test Method for Measuring Binocular Disparity in Transparent Parts, **15.03**

F1182-07(2013)

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F1183-96(2011)

Specification for Aluminum Alloy Chain Link Fence Fabric, 01.06

F1184-05(2010)

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F1185-03(2014)

Specification for Composition of Hydroxylapatite for Surgical Implants, 13.01

F1186-03(2013)

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F1187

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F1188

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F1189

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F1190-11

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F1191

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F1192-11

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F1193-14

Practice for Quality, Manufacture, and Construction of Amusement Rides and Devices, 15.07

F1194-99(2010)

Guide for Documenting the Results of Chemical Permeation Testing of Materials Used in Protective Clothing, 11.03

F1195

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F1196-00(2013)

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F1197-00(2012)

Specification for Sliding Watertight Door Control Systems, 01.07

F1198-92(2012)^{e1}

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F1199-88(2010)

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F1200-88(2010)

Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150°F), 01.07

F1201-88(2010)

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F1202-11

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F1203-11

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F1204

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F1205

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F1206-94(2011)^{e1}

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F1207M-12

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F1208

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F1209-14

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F1210-14

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F1211

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F1212

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F1250-13

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F1491

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F1502-05(2010)

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F1508-96(2010)

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F1528

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F1529

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F1530

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F1531

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F1532

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F1659

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F1660

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F1723

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F1727

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F1729-96(2014)

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Withdrawn 1987; Proposed Test Method for Determining the Fire Performance of Public Ground Transportation Seat Assemblies (E-5 Proposal)

P110

Withdrawn 1988; Proposed Guide to Assist in the Defining, Procuring, Installing, and Implementing of a Computerized Hospital Pharmacy System (E-31 Proposal)

P111

Withdrawn 1988; Proposed Test Method for Determination of Pseudomonas Aeruginosa in Water by Membrane Filtration (D-19 Proposal)

P112

Withdrawn 1987; Proposed Test Method for Interstitial Oxygen Content of Silicon Slices by Computer-Assisted Infrared Spectrophotometry (F-1 Proposal)

P113

Withdrawn 1985; Proposed Test Method for Thallium in Water by Voltammetry (D-19 Proposal)

P114

Withdrawn 1985; Proposed Test Method for Copper in Water by Voltammetry (D-19 Proposal)

P115

Not Assigned

P116

Withdrawn 1986; Proposed Test Method for Cyclohexylamine (D-19 Proposal)

P117

Withdrawn 1985; Proposed Test Method for Nickel and Vanadium in Waterborne Oils (D-19 Proposal)

P118

Not Assigned

P119

Withdrawn 1984; Proposed Test Method for Tarnish Resistance of Electrical Contacts to "Flowers of Sulfur" Atmospheres (B-4 Proposal)

P120

Withdrawn 1985; Proposed Method for Determination of Ethylene Oxide in Workplace Atmospheres (Charcoal Tube Methodology) (D-22 Proposal); Redesignated D4413

P121

Withdrawn 1984; Proposed Method for Optical Emission Spectrometric Analysis of Refined Copper (E-2 Proposal)

P122

Withdrawn 1985; Proposed Test Method for Moisture and Noncombustibles of RDF-3 Macrosamples (E-38 Proposal)

P123

Withdrawn 1985; Proposed Test Method for Total Moisture in RDF-3 Samples (E-38 Proposal)

P124

Withdrawn 1984; Proposed Specification for Pine Oil Disinfectant (D-12 Proposal)

P125

Withdrawn 1987; Proposed Test Method for Static and Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by the Horizontal Slip Tester (D-21 Proposal)



P126

Withdrawn 1987; Proposed Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by NBS-Brungraber Articulated Arm Tester (D-21 Proposal)

P127

Withdrawn 1987; Proposed Test Method for Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by NBS-Sigler Pendulum Impact Tester (D-21 Proposal)

P128

Withdrawn 1987; Proposed Test Method for Static and Dynamic Coefficient of Friction of Polish-Coated Floor Surfaces, as Measured by the Topaka Slip Tester (D-21 Proposal)

P129

Withdrawn 1984; Proposed Specification for Concrete Cleaner, Flush-Off Type (D-12 Proposal)

P130

Withdrawn 1986; Proposed Practice for Selection of Release Torque Value for Ski Bindings; Replaced by F939 (F-8 Proposal)

P131

Withdrawn 1987; Proposed Method for Selection of Release Torque Values of Ski Bindings (F-8 Proposal)

P138

Redesignated E1065; Proposed Practice for Evaluating the Characteristics of Ultrasonic Search Units (E-7 Proposal)

P139

Withdrawn 1985; Proposed Method for Chemical Analysis of Magnesium—Analysis for Manganese and Zinc (E-3 Proposal)

P140

Withdrawn 1985; Proposed Method of Testing Flat Disposable (Consumable) Hot Top Boards and Risers for Metallic Ingots and Castings (C-8 Proposal)

P141

Withdrawn 1983; Proposed Test Method for Organic Halides in Water by Carbon Adsorption-Microcoulometric Detection (D-19 Proposal)

P142

Withdrawn 1986; Proposed Practice for Calculating Heat Losses Through Furnace Walls (C-8 Proposal)

P143

Withdrawn 1985; Proposed Methods of Testing Exothermic Refractory Covering Powders for Metallic Ingots and Castings (C-8 Proposal)

P144

Withdrawn 1986; Proposed Method for Eye Irritation in Albino Rabbits (E-5 Proposal)

P145

Withdrawn 1986; Proposed Practice for Detection and Evaluation of Discontinuities by the Immersed Pulse-Echo Ultrasonic Method Using Longitudinal Waves (E-7 Proposal)

P146

Withdrawn 1986; Proposed Practice for Evaluating the Electronic Characteristics of Sections of Pulse-Echo Ultrasonic Inspection Instruments (E-7 Proposal)

P147

Withdrawn 1986; Proposed Room Fire Test of Wall and

Ceiling Materials and Assemblies (E-5 Proposal)

P148

Withdrawn 1987; Proposed Test Method for Fluorides in Workplace Atmospheres (D-22 Proposal)

P149

Withdrawn 1986; Proposed Test Method for Phosphate Esters in Water (D-19 Proposal)

P150

Redesignated E997; Proposed Method for Structural Performance of Glass in Exterior Windows, Curtain Walls, and Doors Under the Influence of Uniform Static Loads, by Destructive Method (E-6 Proposal)

P152

Withdrawn 1987; Proposed Operational Guide for Direct Current Plasma Emission Spectrometry Analysis (E-3 Proposal); Replaced by E1097

P153

Redesignated C1026; Proposed Method for Measuring Frost Resistance of Ceramic Tile (C-21 Proposal)

P154

Redesignated C1027; Proposed Test Method to Determine Visible Abrasion Resistance of Glazed Ceramic Tile (C-21 Proposal)

P155

Redesignated C1028; Proposed Method for Evaluating the Static Coefficient of Friction of Ceramic Tile, Terrazo, and Other Like Surfaces, by the Dynamometer Pull Meter Method (C-21 Proposal)

P156

Withdrawn 1989; Proposed Guide for Shredder Explosion Protection (E-38 Proposal)

P159

Withdrawn 1986; Proposed Method for Rheological Measurements of Bitumens by Vacuum Capillary Viscometer (D-4 Proposal)

P160

Withdrawn 1986; Proposed Test Method for Viscosity of Asphalt Emulsion Residues and Non-Newtonian Bitumens by Vacuum Capillary Viscometer ((D-4 Proposal)

P161

Withdrawn 1986; Proposed Test Method for Benzidine and 3,3' Bidichlorobenzidine in Water by High Performance Liquid Chromatography (D-19 Proposal)

P162

Withdrawn 1986; Proposed Method of Quantification for Petroleum Oil in Water (D-19 Proposal)

P163

Withdrawn 1986; Proposed Test Method for Hydrocarbons in Tissue Samples (D-19 Proposal)

P164

Withdrawn 1985; Proposed Test Method for Simultaneous Detection and Enumeration of Total and Respiring Bacteria in Aquatic Systems Using Acridine Orange in Formazan Reduction Technique (D-19 Proposal)

P165

Withdrawn 1985; Proposed Test Method for Enumeration of Aquatic Bacteria by the Use of Acridine Orange Epifluorescence Direct Microscopic Counting (D-19 Proposal)

P166

Withdrawn 1987; Proposed Practice for Sampling and Inspection of Complete Alpine Boot Binding Systems in



Rental Applications (F-27 Proposal)

P167

Withdrawn 1987; Proposed Test Method for Boiling Range Distribution of Crude Petroleum by Gas Chromatography (D-2 Proposal)

P168

Withdrawn 1988; Proposed Guide for Estimating the Incompatibility of Selected Hazardous Wastes Based on Binary Chemical Reactions (D-34 Proposal)

P169

Withdrawn 1989; Proposed Test Method for Determining a Correction Factor for Bitumen Retained by Aggregate Following a Bitumen Extraction Test (D-4 Proposal)

P170

Withdrawn 1988; Proposed Specification for Denatured Fuel Ethanol to be Blended With Gasolines for Use as an Automotive Spark-Ignition Engine Fuel (D-2 Proposal)

P171

Withdrawn 1988; Proposed Guide for Preparation of Biological Samples for Inorganic Chemical Analysis (D-19 Proposal)

P172

Withdrawn 1989; Proposed Specification for Electronic Grade Water (D-19 Proposal)

P173

Withdrawn 1988; Proposed Method for Comparison of Waterborne Petroleum Oils by Silhouette Profile Fluorescence Spectroscopy (D-19 Proposal)

P174

Withdrawn 1988; Proposed Test Method for Nitrite-Nitrate in Water (D-19 Proposal)

P175

Not Assigned

P176

Withdrawn 1988; Proposed Specification for Automotive Spark-Ignition Engine Fuel (D-2 Proposal)

P177

Withdrawn 1990; Proposed Test Method for On-Line Monitoring of Electrical Conductivity to Determine Anions and Carbon Dioxide in High-Purity Water (D-19 Proposal); Replaced by D4519

P178

Withdrawn 1988; Proposed Test Method for Measurement of Yield Stress and Apparent Viscosity of Engine Oils at Low Temperature (D-2 Proposal)

P179

Withdrawn 1988; Proposed Method for Comparison of Waterborne Petroleum Oils by Low-Temperature Luminescence (D-19 Proposal)

P180

Withdrawn 1988; Proposed Test Method for Heating Performance and Emissions of Residential Wood-Fired Closed Combustion-Chamber Heating Appliances (D-22 Proposal)

P181

Withdrawn 1988; Proposed Test Method for Chlorine in Workplace Atmospheres (D-22 Proposal)

P182

Withdrawn 1988; Proposed Method for Determination of Benzene Soluble Particulate Matter in Workplace Atmospheres (D-22 Proposal)

P183

Withdrawn 1988; Proposed Test Method for Determination of 2,4-Toluene Diisocyanate (2,4-TD) in Workplace Atmospheres (D-22 Proposal)

P184

Withdrawn 1988; Proposed Method for Chemical Analysis of Ferrosilicon and Silicon Metal (E-3 Proposal)

Withdrawn 1988; Proposed Test Method for Determination of the Ignition Resistance of Stacking Chairs (E-5 Proposal)

P186

Withdrawn 1989; Proposed Method for Random Vibration Testing of Shipping Containers (D-10 Proposal)

P187

Withdrawn 1988; Proposed Method for Determination of Oxygen in Steel and in Iron, Nickel, and Cobalt Alloys (E-3 Proposal)

P188

Withdrawn 1988; Proposed Method of Test for Short Rod Fracture Toughness of Cemented Carbides (B-9 Proposal)

P189

Withdrawn 1988; Proposed Specification for Encapsulants for Friable Asbestos-Containing Building Materials (E-6 Proposal)

P190

Withdrawn 1988; Proposed Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (E-5 Proposal)

P191

Withdrawn 1988; Proposed Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (E-5 Proposal)

P192

Withdrawn 1988; Proposed Test Method for Degradation of Fine Aggregate Due to Attrition (C-9 Proposal)

P193

Withdrawn 1988; Proposed Specification for Ski Binding Test Devices (F-27 Proposal)

P194

Withdrawn 1988; Proposed Method of Verification of Ski Binding Test Devices (F-27 Proposal)

P195

Withdrawn 1989; Proposed Method for Chemical Analysis of Copper-Bismuth/Antimony/Arsenic/Tellurium/Lead/Iron/Selenium by Lanthanum Collection and Direct Current Argon Plasma Optical Emission Spectroscopy (E-1 Proposal)

P196

Withdrawn 1989; Proposed Method for Distillation of Heavy Oils and Crudes (Vacuum Potstill Method) (D-2 Proposal)

P197

Withdrawn 1988; Proposed Test Method for Interstitial Oxygen Content of Silicon Slices Polished on Both Sides by Computer-Assisted Infrared Spectrophotometry (E-1 Proposal)

P198

Withdrawn 1989; Proposed Test Method for Evaluating the Effectiveness of Materials for Curing Concrete (C-9 Proposal)



P199

Withdrawn 1990; Proposed Terminology for Nondestructive Examinations (E-7 Proposal); Redesignated E1316

P200

Withdrawn 1990; Proposed Test Method for Compression Testing of Cemented Carbides (B-9 Proposal)

P201

Withdrawn 1990; Proposed Test Method for Light Scattering Determination of Particle Size of Sediments in Aqueous Suspension (D-19 Proposal)

P202

Withdrawn 1990; Proposed Test Method for Iodide in Water (D-19 Proposal)

P203

Withdrawn 1990; Proposed Methods for Determination of Selenium in Refined Copper by Direct Current Argon Plasma Spectroscopy (E-3 Proposal)

P204

Withdrawn 1990; Proposed Methods for Determination of Iron, Lead, Nickel, Silver, and Tin in Refined Copper by Direct Current Argon Plasma Optical Emission Spectroscopy (E-1 Proposal)

P205

Withdrawn 1990; Proposed Classification for Energy Conserving Engine Oils (D-2 Proposal)

P206

Withdrawn 1989; Proposed Test Method for Determination of Tungsten in Ferrotungsten by the Cinchonine Gravimetric Method (E-1 Proposal)

P207

Withdrawn 1989; Proposed Guide for Precision and Bias Statements in Test Method Standards (C-26 Proposal)

P208

Withdrawn 1989; Proposed Test Method for Workplace Sampling and Analysis of Welding Fumes for Chromium (D-22 Proposal)

P209

Withdrawn 1989; Proposed Test Method for Sampling and Analysis of Nitrogen Dioxide Content of the Atmosphere (Diffusion Tube Methodology) (D-22 Proposal)

P210

Withdrawn 1991; Proposed Test Method for Evaluating Energy Conserving Gear Oils in Passenger Car and Light Truck Service (D-2 Proposal)

P211

Withdrawn 1990; Proposed Terminology Relating to Biomass Fuels (E-48 Proposal)

P212

Withdrawn 1992; Proposed Test Method for Sequence VE Test Procedure (D-2 Proposal)

P213

Withdrawn 1991; Proposed Test Method for Photoluminescence Analysis of Single Crystal Silicon for III-V Impurities; Replaced by F1392 (F-1 Proposal)

P214

Withdrawn 1992; Proposed Test Method for Accelerated Detection of Potentially Deleterious Expansion of Mortar Bars Due to Alkali-Silicon Reaction (C-9 Proposal)

P215

Withdrawn 1993; Proposed Test Method for Polychlori-

nated Biphenyls (PCBs) in Water by Gas Chromatography/Mass Spectrometry (D-19 Proposal)

P216

Withdrawn 1993; Proposed Test Method for Formaldehyde in Water (D-19 Proposal)

P217

Withdrawn 1993; Proposed Test Method for Total Tetra Through Octachloro Dibenzo-p-Dioxins and Dibenzo-furans in Water (D-19 Proposal)

P218

Withdrawn 1993; Proposed Test Method for the Determination of Semi-Volatile Organic Compounds in Water by Gas Chromatography/Mass Spectrometry (D-19 Proposal)

P219

Withdrawn 1993; Proposed Test Method for 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and 2,3,7,8-Tetrachlorodibenzofurans (TCDF) in Water (D-19 Proposal)

P220

Withdrawn 1992; Proposed Test Method for Determination of Ethylene Oxide in Workplace Atmospheres (HBr Derivatization Method (D-22 Proposal)

P221

Withdrawn 1993; Proposed Specification for Colored Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (D-20 Proposal)

P222

Withdrawn 1993; Proposed Test Method for Sulfur Dioxide in Workplace Atmospheres (D-22 Proposal)

P223

Withdrawn 1993; Proposed Specification for Colored Rigid Poly(Vinyl Chloride)(PVC) Siding (D-20 Proposal)

P224

Withdrawn 1992; Proposed Test Method for Determining the Net Carrier Density on Bulk and Epitaxial Silicon Wafers by Using a Mercury Probe F-1 Proposal)

P225

Withdrawn 1992; Proposed Test Method for Substitutional Atomic Carbon Content of Silicon by Infrared Absorption; Replaced by F1391 (F-1 Proposal)

P226

Withdrawn 1993; Proposed Test Methods for Bituminous Materials in Tension (D-4 Proposal)

P227

Withdrawn 1993; Proposed Practice for Evaluation Criteria of Hydraulic Cement Testing Laboratories (C-1 Proposal); Replaced by C1222

P228

Withdrawn 1994; Proposed Test Methods for pH Measurement of Water of Low Conductivity; Replaced by D5464 (D-19 Proposal)

P229

Withdrawn 1994; Proposed Test Method for Giardia Cysts and Cryptosporidium Oocysts in Low-Turbidity Water by a Fluorescent Antibody Procedure (D-19 Proposal)

P230

Withdrawn 1994; Proposed Test Method for Measurement of Occupational Exposure to Formaldehyde (Passive Sampler Methodology) (D-22 Proposal)



P231

Withdrawn 1993; Proposed Test Method for N-Methylcarbamoyloximes/N-Methylcarbamates in Water by Direct Aqueous Injection Liquid Chromatography (HPLC) with Post Column Derivatization; Replaced by D5315 (D-19 Proposal)

P232

Withdrawn 1995; Proposed Specification for Fuel Methanol (M85) for Automotive Spark-Ignition Engines (D-2 Proposal)

P233

Withdrawn 1995; Proposed Test Method for Compaction and Strength Properties of Graded Aggregate Using the Gyrotory Testing Machine (GTM) (D-4 Proposal)

P235

Withdrawn 1995; Proposed Test Method for Fluorometric Determination of Toxicity-Induced Enzymatic Inhibition in Daphnia Magna

P236

Withdrawn 1995; Proposed Test Method for Asbestos-Containing Materials by Polarized Light Microscopy

P241

Withdrawn 1995; Proposed Test Method for Determination of Semi-Volatile Organic Compounds in Water by Gas Chromatography/Mass Spectrometry (GC/MS) (D-19 Proposal)

P242

Withdrawn 1995; Proposed Test Method for Adherent Fines Test; Replaced by D5711 (D-4 Proposal)

P243

Withdrawn 1995; Proposed Test Method for Toughness and Tenacity of Bituminous Materials; Replaced by D5801 (D-4 Proposal)

P244

Withdrawn 1995; Proposed Practice for Rheological Measurements of Bitumens Using Dynamic Shear Rheometers (D-4 Proposal)

P245

Withdrawn 1996; Proposed Test Method for Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (D-4 Proposal)

P246

Withdrawn 1996; Proposed Test Method for Determining the Rheological Properties of Asphalt Binder for Specification Purposes Using a Dynamic Shear Rheometer (DSR) (D-4 Proposal)

P248

Withdrawn 1997; Proposed Specification for Performance Graded Asphalt Binder (D-4 Proposal)

P249

Withdrawn 1997; Proposed Practice for Grading or Verifying the Performance Grade of an Asphalt Binder (D-4 Proposal)

P252

Withdrawn 1997; Proposed Test Method for Determining the Fracture Properties of Asphalt Binder in Direct Tension (DT) (D-4 Proposal)

PS. PROVISIONAL STANDARDS

PS1

Withdrawn 1997; Provisional Specification for Poly(Vinyl Chloride)(PVC) Sewer and Drain Pipe Containing Recycled PVC Material; Replaced by F1732

PS2

Withdrawn 1996; Provisional Standard Specification for Molding Plastics, Electrical, Thermoplastic

PS3

Withdrawn 1998; Provisional Guide for Accelerated Site Characterization for Confirmed or Suspected Petroleum Releases; Replaced by E1912

PS5

Withdrawn 1996; Provisional Standard Test Method for Static and Dynamic Spinal Implants Assembly in a Corpectomy Model

PS6

Withdrawn 1997; Provisional Standard Practice for Establishing Secured Creditor Exemption Under CERCLA

PS7

Withdrawn 1996; Provisional Standard Specification for Iodotrifluoromethane, CF₃

PS8

Withdrawn 1998; Provisional Standard Specification for Poly(Vinyl Chloride)(PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content; Replaced by F1760

PS9

Withdrawn 1996; Provisional Standard Test Method for Determination of Free Formaldehyde in Emulsion Polymers by Liquid Chromatography; Replaced by D5910

PS10

Withdrawn 2004; Provisional Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tubs; Replaced by F2387

PS11

Withdrawn 1998; Provisional Practice for Environmental Regulatory Compliance Audits

PS12

Withdrawn 1998; Provisional Guide for Study and Evaluation of an Organization's Environmental Management Systems

PS13

Withdrawn 1997; Provisional Test Method for Performance Testing of Excess Flow Devices; Replaced by F1802

PS14

Withdrawn 1998; Provisional Practice for Life Cycle Costing for Pollution Prevention

PS15

Withdrawn 1996; Provisional Standard Specification for Molding Compounds, Thermosetting; Replaced by D5948

PS16

Withdrawn 1996; Provisional Standard Specification for Liquid Coating Encapsulation Products for Lead Paint in Buildings; Replaced by F1795

PS18

Withdrawn 1995; Practice for Use of Qualitative Chemical Spot Test Kits for Detection of Lead in Dry Paint Films; Replaced by E1753

PS20

Withdrawn 1998; Provisional Specification for Corrugated Polyethylene (PE) Pipe and Fittings Made with Recycled (PE) Materials

PS23

Withdrawn 1997; Provisional Guide for Use of Coal



Combustion Fly Ash in Structural Fills; Replaced by E1861

PS26

Withdrawn 1998; Provisional Guide for Development and Implementation of a Source Reduction Program

Withdrawn 1997; Provisional Standard Specification for Engineering and Design Criteria for Rigid Wall Relocatable Structures; Replaced by E1925

PS28

Withdrawn 1997; Provisional Test Method for Flow Consistency of Controlled Low Strength Material; Replaced by D6103

PS29

Withdrawn 1996; Provisional Test Method for Unit Weight, Yield, and Air Content (Gravimetric) of Controlled Low Strength Material; Replaced by D6023

PS30

Withdrawn 1996; Provisional Standard Practice for Sampling Freshly Mixed Controlled Low Strength Material; Replaced by D5971

PS31

Withdrawn 1997; Provisional Test Method for Ball Drop on Controlled Low Strength Material to Determine Suitability for Load Application; Replaced by D 6024

PS33

Withdrawn 1996; Provisional Guide for Selection and Use of Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by E1796

PS34

Withdrawn 1996; Provisional Specification for Molded Polyethylene Shipping and Storage Drums; Replaced by D5998

PS35

Withdrawn 1997; Provisional Practice for Sampling Plans and Tables for Inspection by Attributes

PS36

Withdrawn 1998; Provisional Standard Practice for Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel (PAV); Replaced by D6521

PS37

Withdrawn 1996; Provisional Practice for Conducting Environmental Baseline Surveys; Replaced by D6008

PS38

Withdrawn 1997; Provisional Consumer Safety Specification for Toddler Beds; Replaced by F1821

PS39

Withdrawn 1996; Test Method for Determination of Volatile Organic Compound (VOC) Content of Electric Insulating Varnishes; Replaced by D6053

PS40

Withdrawn 1996; Provisional Guide for Using Indoor Carbon Dioxide Concentrations to Evaluate Indoor Air Quality and Ventilation; Replaced by D6245

PS41

Withdrawn 1996; Provisional Specification for Reinforced Liquid Coating Encapsulation Products for Leaded Paint in Buildings; Replaced by E1797

PS42

Withdrawn 1999; Provisional Test Method for Metal Removal Fluid Aerosol in Workplace Atmospheres; Replaced by D6649

PS43

Withdrawn 1998; Provisional Guide for Safer Use of Movable Soccer Goals; Replaced by F1938

PS45

Withdrawn 1997; Evaluating Quality Systems of Organizations Engaged in Conducting Hazard Assessments to Determine the Presence/Extent of Lead in Paint/Dust/Airborne Particulate, and Soil in Buildings/Related Structures; Replaced by E1864

PS46

Withdrawn 1998; Provisional Practice for Collection of Surface Dust by Air Sampling Pump Vacuum Technique for Subsequent Lead Determination; Replaced by E1973

PS47

Withdrawn 1997; Provisional Test Method for Screening, Quantification, and Characterization of Total Polychlorinated Biphenyls by Room Temperature Phosphorescence

PS48

Withdrawn 1997; Provisional Test method for Oil and Grease (Solvent Extractable Substances) by Gravimetric Determination

PS49

Withdrawn 1999; Provisional Practice for Application of Class PB Exterior Insulation and Finish Systems; Replaced by C1397

PS50

Withdrawn 1998; Provisional Specification for Molded and Cast Nylon (PA) Rod, Tubes, Sheets, and Parts

PS52

Withdrawn 1998; Provisional Test Methods for Determination of Trace Elements in Coal, Coke and Combustion Residues From Coal Utilization Processes by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Plasma Mass Spectrometry, and Graphite Furnace Atomic Absorption Spectrometry; Replaced by D6357

PS53

Withdrawn 1999; Provisional Guide for Identification and Management of Lead Hazards in Facilities; Replaced by E2052

PS54

Withdrawn 1998; Provisional Performance Requirements for Child's Plastic Chairs for Outdoor Use; Replaced by F1838

PS55

Withdrawn 1998; Provisional Performance Requirements for Multipositional Plastic Chairs, with Adjustable Backs or Reclining Mechanisms, for Outdoor Use; Replaced by F1858

PS56

Withdrawn 2000; Provisional Test Method for Sealability of Gasket Materials

PS57

Withdrawn 1999; Provisional Test Method for Determining Ignitability of Clothing by the Electric Arc Exposure Method Using a Mannequin; Replaced by F1958

PS58

Withdrawn 1999; Provisional Test Method for Determining Arc Thermal Performance (Value) of Textile Materials for Clothing by Electric Arc Exposure Method Using Instrumented Sensor Panels; Replaced by F1959



PS59

Withdrawn 2005; Provisional Specification for Fire Safety for Candles

PS60

Withdrawn 1998; Provisional Specification for Drawstrings on Children's Upper Outerwear; Replaced by F1816

PS61

Withdrawn 1998; Provisional Guide for Prevention and Control of Lead-Based Paint Hazards in Rental Housing

PS62

Withdrawn 1999; Provisional Specification for Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers

PS63

Withdrawn 1998; Provisional Test Method for Tires, Pneumatic, Vehicular, Highway; Replaced by F1922

PS64

Withdrawn 1998; Provisional Guide for Developing Appropriate Statistical Approaches for Ground-Water Detection Monitoring Programs; Replaced by D6312

PS65

Withdrawn 1998; Provisional Specification for Shelter, Electrical Equipment S-250/G; Replaced by E1974

PS66

Withdrawn 1998; Provisional Specification for Shelter, Electrical, Equipment S-280/G; Replaced by E1975

PS67

Withdrawn 1998; Provisional Specification for Shelter, Tactical, Nonexpandable; Replaced by E1976

PS68

Withdrawn 1998; Provisional Specification for Shelter, Tactical, Expandable, One-Side; Replaced by E1977

PS69

Withdrawn 1998; Provisional Specification for Shelter, Tactical, Expandable, Two-Side; Replaced by E1978

PS70

Withdrawn 2000; Provisional Test Method for Determination of Fracture Toughness of Advanced Ceramics at Ambient Temperatures; Replaced by C1421

PS72

Withdrawn 2001; Provisional Test Method for Evaluating the Tensile-Adhesion Performance of an Exterior Insulation and Finish System (EIFS); Replaced by E2134

PS74

Withdrawn 2000; Provisional Test Method for Oil and Grease (Solvent Extractable Substances) in Water by Gravimetric Determination

PS75

Withdrawn 2000; Provisional Standard Safety and Performance Specification for Soccer Goals; Replaced by F2056

PS77

Withdrawn 1998; Provisional Test Method for Human Repeat Insult Patch Testing of Medical Gloves; Replaced by D6355

PS78

Withdrawn 2000; Provisional Guide for Selecting Surface Geophysical Methods; Replaced by D6429

PS79

Withdrawn 1998; Provisional Test Method for Holding Strength of Prong-Ring Attached Snap Fasteners

PS80

Withdrawn 2000; Provisional Performance Specification for Fun Karts; Replaced by F2011

PS81

Withdrawn 2001; Provisional Test Method for Length Change of Mortar Bars Caused by Reaction Between Hydraulic Cement and Alkali-Reactive Aggregate

PS83

Withdrawn 1999; Provisional Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment; Replaced by F1951

PS84

Withdrawn 1998; Provisional Specification for Bean Bag Chairs; Replaced by F1912

PS85

Withdrawn 1998; Provisional Guide for Expedited Site Characterization of Hazardous Waste Contaminated Sites; Replaced by D6235

PS86

Withdrawn 1998; Provisional Test Method for Tires, Pneumatic, Low Speed, Off Highway; Replaced by F1923

PS87

Withdrawn 1998; Provisional Practice for Ultrasonic Extraction of Paint, Dust, Soil, and Air Samples for Subsequent Determination of Lead; Replaced by E1979

PS88

Withdrawn 1999; Provisional Practice for Determination of Lead in Paint, Settled Dust, Soil and Air Particulate by Field-Portable Electroanalysis; Replaced by E2051

PS90

Withdrawn 1998; Provisional Test Methods for Asphalt Content of Hot Mix Asphalt by the Ignition Method; Replaced by D6307

PS91

Withdrawn 2003; Provisional Specification for Portable Gasoline and Kerosine Spill-Resistant Fueling Systems for Consumer Use; Replaced by F2234

PS93

Withdrawn 2001; Provisional Specification for Fabricated Shapes and Finished Parts Fabricated From Polyimide Resins

PS94

Withdrawn 2001; Provisional Practice for Personal Sampling and Analysis of Endotoxin in Metal Removal Fluid Aerosols in Workplace Atmospheres; Replaced by E2144

PS95

Withdrawn 2000; Provisional Practice for Quality Systems for Conducting In Situ Measurements of Lead Content in Paint or Other Coatings Using Field-Portable X-Ray Fluorescence (XRF) Devices; Replaced by E2119

PS96

Withdrawn 1999; Provisional Performance Requirements for Plastic Chaise Lounges, With or Without Moving Arms, With Adjustable Backs, for Outdoor Use; Replaced by F1988

PS97

Withdrawn 1998; Provisional Guide for Consumer Recreational Use of Fun Karts; Replaced by F1928

PS100

Withdrawn 2000; Provisional Specification for Authentication of Healthcare Information Using Digital Signatures;



Replaced by E2084

PS101

Withdrawn 2000; Provisional Guide on Security Framework for Healthcare Information; Replaced by E2085

PS102

Withdrawn 2000; Provisional Guide for Internet and Intranet Healthcare Security; Replaced by E2086

PS103

Withdrawn 1998; Provisional Guide for User Authentication and Authorization; Replaced by E1985

PS104

Withdrawn 2000; Provisional Guide for Risk Based Corrective Action; Replaced by E2081

PS105

Withdrawn 2003; Provisional Specification for Dedicated Short-Range Communication (DSRC) Data Link Layer

PS106

Withdrawn 2005; Provisional Standard Specification for Rods and Tubes of Polyethylene (PE)

PS107

Withdrawn 1998; Provisional Guide for Information Access Privileges to Health Information; Replaced by E1986

PS108

Withdrawn 1998; Provisional Guide for Individual Rights Regarding Health Information; Replaced by E1987

PS109

Withdrawn 1998; Provisional Guide for Training of Persons Who Have Access to Health Information; Replaced by E1988

PS110

Withdrawn 2000; Provisional Safety Specification for Chests, Door Chests, and Dressers; Replaced by F2057

PS111

Withdrawn 2000; Provisional Specification for Dedicated Short Range Communication (DSRC) Physical Layer Using Microwave in the 902 to 928 MHz Band; Replaced by E 2158

PS112

Withdrawn 2000; Provisional Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape Egress and Rescue Ingress Windows; Replaced by F2006

PS114

Withdrawn 1999; Provisional Specification for Fire Suppression Towels; Replaced by F1989

PS115

Withdrawn 2001; Provisional Specification for Audit and Disclosure Logs for Use in Health Information Systems; Replaced by E2147

PS116

Withdrawn 2001; Provisional Practice for Performance Evaluation of the Portable X-Ray Fluorescence Spectrometer for the Measurement of Lead in Paint Films; Replaced by E2120

PS117

Withdrawn 2001; Provisional Specification for Portable Escape Ladder for Residential Use; Replaced by F2175

PS118

Withdrawn 2002; Provisional Test Method for Water-Extractable Chloride in Aggregate (Soxhlet Method);

Replaced by C1524

PS119

Withdrawn 2003; Provisional Specification for Child-Resistant Portable Gasoline Containers for Consumer Use

PS120

Withdrawn 2001; Provisional Specification for Window Fall Prevention Devices With Emergency Escape (Egress) Release Mechanisms; Replaced by F2090

PS121

Withdrawn 2002; Provisional Specification for Biodiesel Fuel (B100) Blend Stock for Distillate Fuels; Replaced by D6751

PS124

Withdrawn 2002; Provisional Test Method for Measuring Maximum Spontaneous Heating Temperature of Art Materials; Replaced by D6801

PS125

Withdrawn 2003; Provisional Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use

PS127

Withdrawn 2003; Provisional Test Method for Evaluating the Ignition Sensitivity and Fault Tolerance of Oxygen Regulators Used for Medical and Emergency Applications; Replaced by G175

PS128

Withdrawn 2003; Provisional Specifications for Pool Alarms; Replaced by F2208

PS129

Withdrawn; Provisional Test Method for Measurement of Permeability of Bituminous Paving Mixtures Using a Flexible Wall Permeameter

PS130

Withdrawn 2003; Provisional Consumer Safety Specification for Non-Powered Scooters; Replaced by F2264

PS131

Withdrawn 2003; Provisional Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method; Replaced by D6752

PS132

Withdrawn 2003; Provisional Test Method for Maximum Specific Gravity and Density of Bituminous Paving Mixtures Using Automatic Vacuum Sealing Method; Replaced by D6857

PS135

Withdrawn 2004; Provisional Specification for Labeling for Upright Brooms for Consumer and Institutional Use; Replaced by F2367

PS136-02

Withdrawn 2003; Provisional Test Method for Quantitative Extraction and Recovery of Asphalt Binder from Asphalt Mixtures; Replaced by D6857

PS137

Withdrawn 2004; Provisional Specification for Labeling for Wet Mops for Consumer and Institutional Use; Replaced by F2368

PS138

Withdrawn 2004; Provisional Specification for Shelter, Electrical Equipment, Lightweight; Replaced by E2377

