INTERNATIONAL STANDARD

ISO 15500-19

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AMENDMENT 1
2016-04-01

Road vehicles — Compressed natural gas (CNG) fuel system components —

Part 19: **Fittings**

AMENDMENT 1

Véhicules routiers — Composants des systèmes de combustible gaz naturel comprimé (GNC) —

Partie 19: Raccords

AMENDEMENT 1

Reference number
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Amendment 1 to ISO 15500-19:2012 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 41, *Specific aspects for gaseous fuels*.

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Road vehicles — Compressed natural gas (CNG) fuel system components —

Part 19: Fittings

AMENDMENT 1

Page 2, Clause 5

Replace Clause 5 with the following:

5 Construction and assembly

5.1 The fitting shall comply with the applicable provisions of ISO 15500-1 and ISO 15500-2, and with the tests specified in Clause 6. Tolerances should follow the specifications of ISO 15500-2.

5.2 The fitting shall be compatible with the rigid fuel line.

5.3 Stainless steel lines shall only be fitted with stainless steel fittings.

5.4 Galvanic corrosion shall be prevented.

Page 2, Table 1

Replace Table 1 with the following:

Table 1 — Applicable tests

Test	Applicable	Test procedure as required by ISO 15500-2	Specific test requirements of this part of ISO 15500
Hydrostatic strength	X	X	X (see 6.2)
Leakage	X	X	
Excess torque resistance	X	X	
Bending moment	X	X	
Continued operation	X	X	X (see 6.3)
Corrosion resistance	X	X	
Oxygen ageing	X	X	
Ozone ageing	X	X	
Heat ageing	X	X	
Automotive fluids	X	X	
Electrical over-voltages			
Non-metallic material immersion	X	X	
Vibration resistance	X		X (see 6.4)
Pull-off	X		X (see 6.5)
Brass material compatibility	X	X	

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