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AMENDMENT 2
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**Graphical symbols — Safety colours and
safety signs — Registered safety signs**

AMENDMENT 2:

*Symboles graphiques — Couleurs de sécurité et signaux de sécurité —
Signaux de sécurité enregistrés*

AMENDEMENT 2:



Reference number
ISO 7010:2011/Amd.2:2012(E)

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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 2 to ISO 7010:2011 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

Graphical symbols — Safety colours and safety signs — Registered safety signs


AMENDMENT 2:

IMPORTANT — The colours represented in the electronic file of this International Standard can be neither viewed on screen nor printed as true representations. Although the copies of this International Standard printed by ISO have been produced to correspond (with an acceptable tolerance as judged by the naked eye) to the requirements of ISO 3864-4, it is not intended that these printed copies be used for colour matching. Instead consult ISO 3864-4 which provides colorimetric and photometric properties together with, as a guideline, references from colour order systems.


Add the following safety signs:

- E014: Child seat presence and orientation detection system (CPOD)
- E015: Drinking water
- E020: Emergency stop button
- E022: Door opens by pushing on the left-hand side
- E023: Door opens by pushing on the right-hand side
- M027: Check guard
- P035: Do not wear metal-studded footwear
- P036: No children allowed
- W032: Warning; Rapid movement of workpiece in press brake
- W036: Warning; Fragile roof
- W038: Warning; Sudden loud noise

Safety sign E014: Child seat presence and orientation detection system (CPOD)

	Reference No. <p style="text-align: center;">ISO 7010-E014</p>
	Referent <p style="text-align: center;">Child seat presence and orientation de- tection system (CPOD)</p>
	Function <p>To indicate that a CPOD-equipped child seat can safely be used on a CPOD-equipped passenger seat protected by a frontal airbag</p>
	Image content <p>Vehicle passenger seat, child in rear-facing child seat, dot, three curved lines of increasing size radiating from the dot, filled semi-circle</p>
Hazard <p>Without a CPOD system, a fully powered vehicle airbag can injure a child in a child seat when the airbag is deployed.</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Installing a CPOD-equipped child seat on a passenger seat protected by a frontal airbag in a vehicle that recognizes the CPOD child seat</p> <p>Related referents</p> <p>—</p> <p>Additional information</p> <p>This safety sign will be used along with a supplementary sign as part of a label for CPOD-equipped child seats or for vehicles equipped with the CPOD sensing system. These two signs are part of ISO/TS 22239-3.</p> <p>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p>	

Safety sign E015: Drinking water

	Reference No. <p style="text-align: center;">ISO 7010-E015</p>
	Referent <p style="text-align: center;">Drinking water</p>
	Function To indicate the location of drinking water
	Image content Tap above glass, two wavy lines

Hazard

Not being able to locate drinking water

Human behaviour that is intended to be caused after understanding the safety sign's meaning

Being aware of the location of a water supply that is suitable for drinking

Related referents

ISO 7010-P005

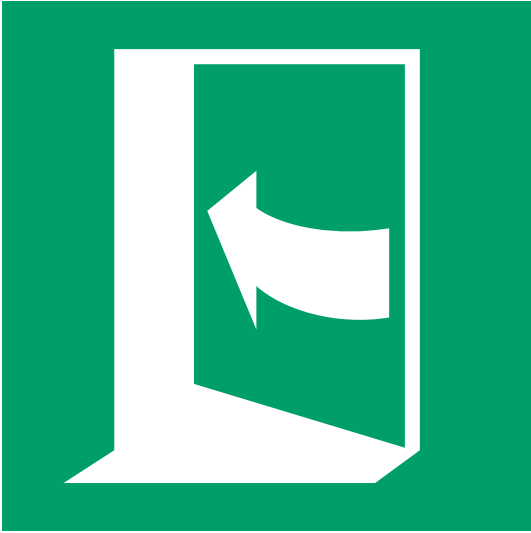
Additional information

Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.

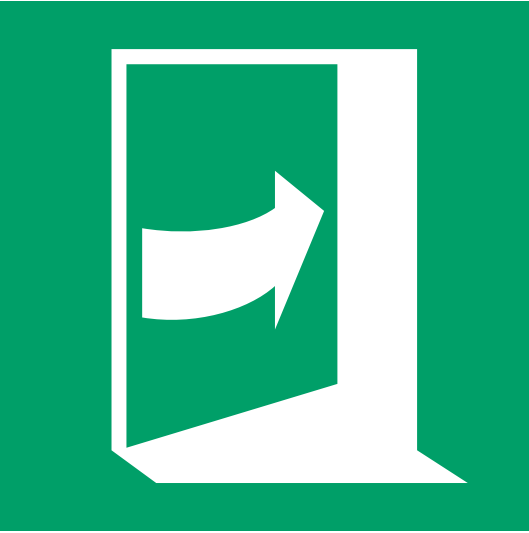
Safety sign E020: Emergency stop button

	Reference No. <p style="text-align: center;">ISO 7010-E020</p>
	Referent <p style="text-align: center;">Emergency stop button</p>
	Function To indicate the location of an emergency stop button
	Image content Hand over button shape, two lines
Hazard Not being able to locate an emergency stop button Human behaviour that is intended to be caused after understanding the safety sign's meaning Being aware of the location of an emergency stop button Related referents — Additional information The actuator of the emergency stop device itself is likely to be coloured red (see e.g. ISO 13850, IEC 60601-1). Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.	

Safety sign E022: Door opens by pushing on the left-hand side

	<p>Reference No.</p> <p style="text-align: center;">ISO 7010-E022</p>
	<p>Referent</p> <p style="text-align: center;">Door opens by pushing on the left-hand side</p>
	<p>Function</p> <p>To indicate that the door opens by pushing on the left-hand side</p>
	<p>Image content</p> <p>Doorway with door opening outwards, curved arrow pointing to the left</p>
<p>Hazard</p> <p>Not being able to open the door</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Being aware that the door opens by pushing on the left-hand side</p> <p>Related referents</p> <p>ISO 7010-E023, ISO 7010-E033, ISO 7010-E034, ISO 7010-E057, ISO 7010-E058</p> <p>Additional information</p> <p>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p>	

Safety sign E023: Door opens by pushing on the right-hand side

	<p>Reference No.</p> <p style="text-align: center;">ISO 7010-E023</p>
	<p>Referent</p> <p style="text-align: center;">Door opens by pushing on the right-hand side</p>
	<p>Function</p> <p>To indicate that the door opens by pushing on the right-hand side</p>
	<p>Image content</p> <p>Doorway with door opening outwards, curved arrow pointing to the right</p>
<p>Hazard</p> <p>Not being able to open the door</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Being aware that the door opens by pushing on the right-hand side</p> <p>Related referents</p> <p>ISO 7010-E022, ISO 7010-E033, ISO 7010-E034, ISO 7010-E057, ISO 7010-E058</p> <p>Additional information</p> <p>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p>	


Safety sign M027: Check guard

	<p>Reference No.</p> <p style="text-align: center;">ISO 7010-M027</p>
	<p>Referent</p> <p style="text-align: center;">Check guard</p>
	<p>Function</p> <p>To signify that checks must be conducted to ensure that guards are in place or used</p>
	<p>Image content</p> <p>Series of horizontal and vertical lines and two interlocking illustrations of cog wheels</p>
<p>Hazard</p> <p>Moving machinery</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Ensuring that guards are in place before operating the machinery</p> <p>Related referents</p> <p>—</p> <p>Additional information</p> <p>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p>	

Safety sign P035: Do not wear metal-studded footwear

	Reference No. <p style="text-align: center;">ISO 7010-P035</p>
	Referent <p style="text-align: center;">Do not wear metal-studded footwear</p>
	Function To prohibit the use of metal-studded footwear
	Image content End of leg, shoe with circles on sole
Hazard Lack of grip between metal-studded footwear and certain floor surfaces Human behaviour that is intended to be caused after understanding the safety sign's meaning Not wearing metal-studded footwear Related referents ISO 7010-M032 Additional information Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.	


Safety sign P036: No children allowed

	Reference No. <p style="text-align: center;">ISO 7010-P036</p>
	Referent <p style="text-align: center;">No children allowed</p>
	Function To prohibit children from entering a dangerous area
	Image content Small boy and larger girl
Hazard Areas dangerous to children Human behaviour that is intended to be caused after understanding the safety sign's meaning Children not entering a dangerous area Related referents — Additional information Test data obtained according to ISO 9186-1:2007 are not available from more than one country. Findings from national testing, however, showed that in one country the safety sign did not reach the criteria of acceptability. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.	


Safety sign W032: Warning; Rapid movement of workpiece in press brake

	<p>Reference No.</p> <p style="text-align: center;">ISO 7010-W032</p>
	<p>Referent</p> <p style="text-align: center;">Warning; Rapid movement of workpiece in press brake</p>
	<p>Function</p> <p>To warn of possible movement/deflection of a workpiece when operating a press brake</p>
	<p>Image content</p> <p>Protruding workpiece, press brake tool (punch and die), bending press brake operator with damaged head and shoulder, two curved arrows</p>
<p>Hazard</p> <p>Movement/deflection of a protruding workpiece in a press brake</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Taking care to avoid a protruding workpiece in a press brake</p> <p>Related referents</p> <p>ISO 7010-W030, ISO 7010-W031</p> <p>Additional information</p> <p>This safety sign is a specific warning sign for press brakes.</p> <p>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p>	

Safety sign W036: Warning; Fragile roof

	Reference No. <p style="text-align: center;">ISO 7010-W036</p>
	Referent <p style="text-align: center;">Warning; Fragile roof</p>
	Function To warn of a fragile roof
	Image content Human figure, roof, pattern radiating from one foot
Hazard Fragile roof Human behaviour that is intended to be caused after understanding the safety sign's meaning Taking care when on a fragile roof Related referents — Additional information Test data obtained according to ISO 9186-1:2007 are not available from more than one country. Findings from national testing, however, showed that in one country the safety sign did not reach the criteria of acceptability. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.	

Safety sign W038: Warning; Sudden loud noise

	Reference No. <p style="text-align: center;">ISO 7010-W038</p>
	Referent <p style="text-align: center;">Warning; Sudden loud noise</p>
	Function <p>To warn of sudden loud noise</p>
	Image content <p>Human head (front view), hand, three curved lines</p>
Hazard <p>Sudden loud noise</p>	
Human behaviour that is intended to be caused after understanding the safety sign's meaning <p>Taking care in areas where there can be sudden loud noise</p>	
Related referents <p>—</p>	
Additional information <p>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p>	

