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AMENDMENT 5
2014-02-15

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

AMENDMENT 5

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

AMENDEMENT 5

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

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

AMENDMENT 5

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 colourimetric and photometric properties together with, as a guideline, references from colour order systems.

Add the following safety signs:

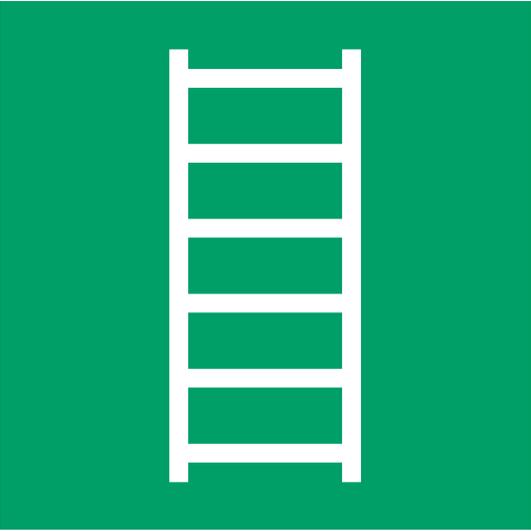
- E035: Liferaft knife
- E059: Escape ladder
- E060: Evacuation chair
- M046: Secure gas cylinders
- M047: Use self-contained breathing appliance
- M048: Use gas detector
- M049: Wear protective roller sport equipment
- P009: No climbing
- P039: Hot works prohibited
- W037: Warning; Run over by remote operator controlled machine

Safety sign E035: Liferaft knife

	Reference No. <p style="text-align: center;">ISO 7010-E035</p>
	Referent <p style="text-align: center;">Liferaft knife</p>
	Function To indicate the location of a liferaft knife
	Image content Liferaft knife (with rounded tip and drilled-out holes in blade) between sliced braided rope
Hazard Not being able to locate a liferaft knife Human behaviour that is intended to be caused after understanding the safety sign's meaning Being aware of the location of a liferaft knife Related referents — 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.	

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Safety sign E059: Escape ladder

	Reference No. <p style="text-align: center;">ISO 7010-E059</p>
	Referent <p style="text-align: center;">Escape ladder</p>
	Function To indicate the location of a permanently fixed escape ladder
	Image content Ladder (six horizontal lines between two parallel vertical lines)
Hazard Not being able to locate a fixed escape ladder and identify it as such Human behaviour that is intended to be caused after understanding the safety sign's meaning Being aware of the location of a fixed escape ladder Related referents ISO 7010-E016, ISO 7010-E053, ISO 7010-F003 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 E060: Evacuation chair

	Reference No. <p style="text-align: center;">ISO 7010-E060</p>
	Referent <p style="text-align: center;">Evacuation chair</p>
	Function To indicate the location of an evacuation chair
	Image content Human figure sitting in an evacuation chair, human figure handling the evacuation chair, staircase (all right-hand profile)
Hazard Not being able to locate an evacuation chair Human behaviour that is intended to be caused after understanding the safety sign's meaning Being aware of the location of an evacuation chair Related referents — 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.	

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Safety sign M046: Secure gas cylinders

	Reference No. <p style="text-align: center;">ISO 7010-M046</p>
	Referent <p style="text-align: center;">Secure gas cylinders</p>
	Function <p>To signify that gas cylinders must be secured</p>
	Image content <p>Upper part of gas cylinder, chain</p>
<p>Hazard Falling gas cylinder causing crush, explosion or release of gas</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning Securing gas cylinders</p> <p>Related referents ISO 7010-W029</p> <p>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.</p>	

Safety sign M047: Use self-contained breathing appliance

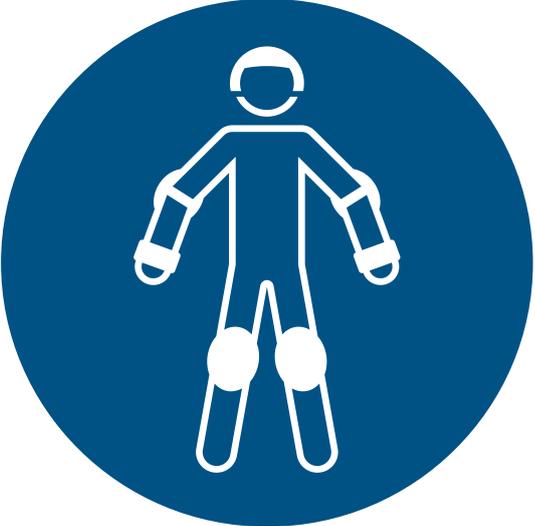
	Reference No. <p style="text-align: center;">ISO 7010-M047</p>
	Referent <p style="text-align: center;">Use self-contained breathing appliance</p>
	Function To signify that a self-contained breathing appliance must be used
	Image content Upper human figure (left-hand profile) wearing a compressed air cylinder and mask connected by a tube
Hazard Harmful gases and lack of oxygen Human behaviour that is intended to be caused after understanding the safety sign's meaning Using a self-contained breathing appliance Related referents ISO 7010-M017 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.	

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Safety sign M048: Use gas detector

	Reference No. <p style="text-align: center;">ISO 7010-M048</p>
	Referent <p style="text-align: center;">Use gas detector</p>
	Function <p>To signify that a gas detector must be used</p>
	Image content <p>Front of a block with a small cylinder on top and on the front plane a curved scale with markers and pointer; three curved arrows; three lines with several curves</p>
Hazard <p>Hazardous gases or vapours, explosive atmosphere</p>	
Human behaviour that is intended to be caused after understanding the safety sign's meaning <p>Using a gas detector</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>	

Safety sign M049: Wear protective roller sport equipment

	Reference No. <p style="text-align: center;">ISO 7010-M049</p>
	Referent <p style="text-align: center;">Wear protective roller sport equipment</p>
	Function To signify that protective roller sport equipment must be worn
	Image content Human figure wearing head, wrist, palm, knee and elbow protectors
Hazard Unprotected body and limb impacts with surfaces and obstacles Human behaviour that is intended to be caused after understanding the safety sign's meaning Wearing protective roller sport equipment when doing roller sport Related referents — 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.	

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