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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



Reference number
ISO 7010:2011/Amd.5:2014(E)

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Foreword

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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*.

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

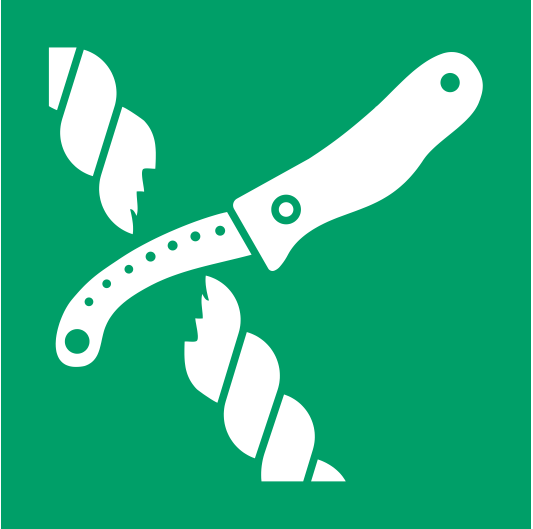
AMENDMENT 5

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.

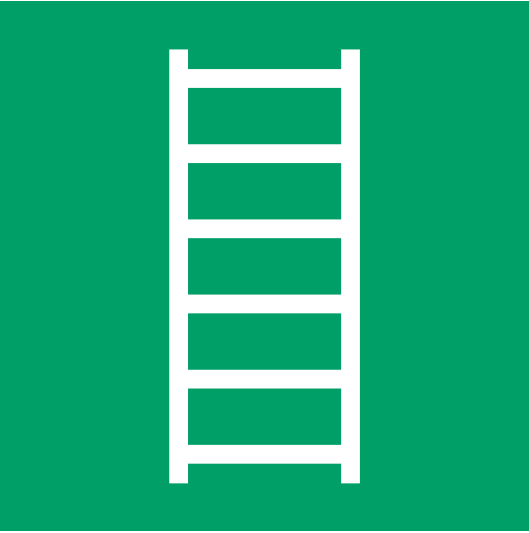
Add the following safety signs:

- 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

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

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

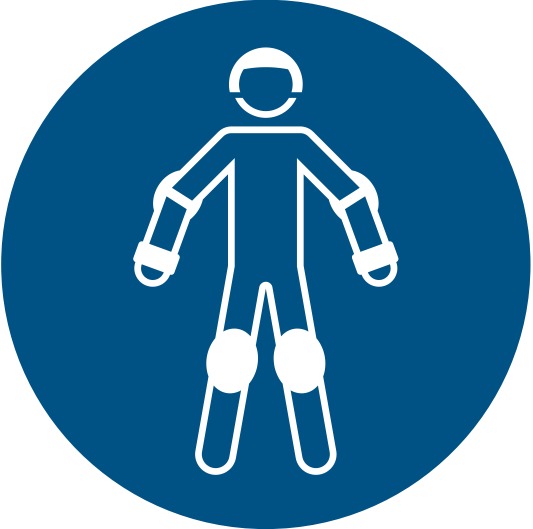
Safety sign M047: Use self-contained breathing appliance

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|--|--|
|  | <p>Reference No.</p> <p style="text-align: center;">ISO 7010-M047</p> |
| | <p>Referent</p> <p style="text-align: center;">Use self-contained breathing appliance</p> |
| | <p>Function</p> <p>To signify that a self-contained breathing appliance must be used</p> |
| | <p>Image content</p> <p>Upper human figure (left-hand profile) wearing a compressed air cylinder and mask connected by a tube</p> |
| <p>Hazard</p> <p>Harmful gases and lack of oxygen</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Using a self-contained breathing appliance</p> <p>Related referents</p> <p>ISO 7010-M017</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 M048: Use gas detector

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|--|---|
|  | <p>Reference No.</p> <p style="text-align: center;">ISO 7010-M048</p> |
| | <p>Referent</p> <p style="text-align: center;">Use gas detector</p> |
| | <p>Function</p> <p>To signify that a gas detector must be used</p> |
| | <p>Image content</p> <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> |
| <p>Hazard</p> <p>Hazardous gases or vapours, explosive atmosphere</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Using a gas detector</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 M049: Wear protective roller sport equipment

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|--|---|
|  | <p>Reference No.</p> <p style="text-align: center;">ISO 7010-M049</p> |
| | <p>Referent</p> <p style="text-align: center;">Wear protective roller sport equipment</p> |
| | <p>Function</p> <p>To signify that protective roller sport equipment must be worn</p> |
| | <p>Image content</p> <p>Human figure wearing head, wrist, palm, knee and elbow protectors</p> |
| <p>Hazard</p> <p>Unprotected body and limb impacts with surfaces and obstacles</p> <p>Human behaviour that is intended to be caused after understanding the safety sign's meaning</p> <p>Wearing protective roller sport equipment when doing roller sport</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 P009: No climbing

| | |
|--|---|
|  | Reference No. <p style="text-align: center;">ISO 7010-P009</p> |
| | Referent <p style="text-align: center;">No climbing</p> |
| | Function To prohibit climbing |
| | Image content Human figure (rear view), 6 horizontal lines between two vertical lines |
| Hazard Object unsafe to climb on and hazardous location/area Human behaviour that is intended to be caused after understanding the safety sign's meaning Not climbing 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. | |

Safety sign P039: Hot works prohibited

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|--|--|
|  | Reference No. <p style="text-align: center;">ISO 7010-P039</p> |
| | Referent <p style="text-align: center;">Hot works prohibited</p> |
| | Function <p>To prohibit hot works</p> |
| | Image content <p>Hand holding a tool, four lines of different lengths, each with a star at the end, 5th star, three parallel wavy lines</p> |
| Hazard <p>Fire, explosion</p> | |
| Human behaviour that is intended to be caused after understanding the safety sign's meaning <p>Not doing hot works</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 W037: Warning; Run over by remote operator controlled machine

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|--|--|
|  | Reference No. <p style="text-align: center;">ISO 7010-W037</p> |
| | Referent <p style="text-align: center;">Warning; Run over by remote operator controlled machine</p> |
| | Function <p>To warn of a run over hazard by a remote operator controlled machine</p> |
| | Image content <p>Human figure being run over by wheeled machine with antenna, three curved lines</p> |
| Hazard <p>Moving remote operator controlled machine</p> | |
| Human behaviour that is intended to be caused after understanding the safety sign's meaning <p>Taking care when in the vicinity of a remote operator controlled machine</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> | |

