

---

---

**Graphical symbols — Safety colours and  
safety signs — Safety signs used in  
workplaces and public areas**

**AMENDMENT 4**

*Symboles graphiques — Couleurs de sécurité et signaux de sécurité —  
Signaux de sécurité utilisés sur les lieux de travail et dans les lieux  
publics*  
**(standards.iteh.ai)**  
AMENDEMENT 4

[ISO 7010:2003/Amd 4:2009](https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009)

<https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009>



**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 7010:2003/Amd 4:2009](https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009)

<https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2009

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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 4 to ISO 7010:2003 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 7010:2003/Amd 4:2009](https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009)

<https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO 7010:2003/Amd 4:2009](https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009)

<https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009>

# Graphical symbols — Safety colours and safety signs — Safety signs used in workplaces and public areas

## AMENDMENT 4

**IMPORTANT** — The electronic file of this document contains colours which are considered to be useful for the correct understanding of the document. Users should consider printing this document using a colour printer. ISO 3864-1 provides colorimetric and photometric properties together with, as a guideline, references from colour order systems.

Add the following safety signs:

— E010: Automated external heart defibrillator

— E011: Eyewash station

— E012: Safety shower

— E013: Stretcher

— M012: Use handrail

— M013: Wear face shield

— M014: Wear head protection

— M015: Wear high visibility clothing

— M016: Wear a mask

— M017: Wear respiratory protection

— M018: Wear safety harness

— M019: Wear welding mask

— M020: Wear safety belts

— M022: Use barrier cream

— M023: Use footbridge

— P020: Do not use lift in the event of fire

— P021: No dogs

— P022: No eating or drinking

— P023: Do not obstruct

— P024: Do not walk or stand here

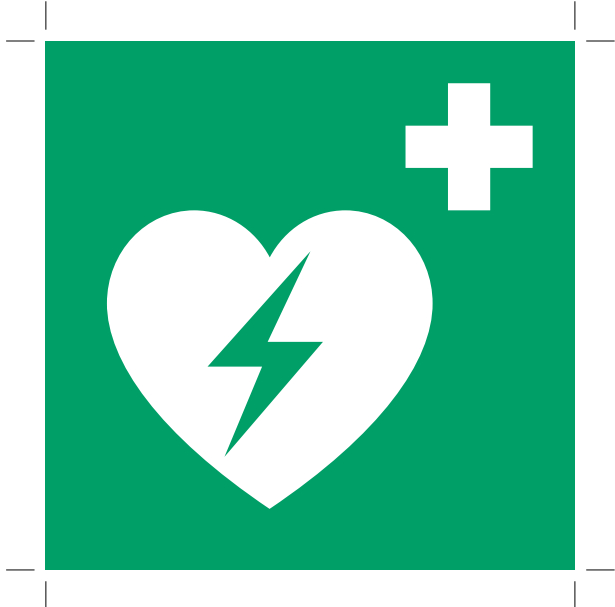
— W022: Warning; Sharp elements

**ITeH STANDARD PREVIEW**  
(standards.iteh.ai)

[ISO 7010:2003/Amd 4:2009](https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009)

<https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009>

Safety sign E010: Automated external heart defibrillator

	<b>Reference No.</b>  <p style="text-align: center;"><b>ISO 7010-E010</b></p>
	<b>Referent</b>  <p style="text-align: center;"><b>Automated external heart defibrillator</b></p>
	<b>Function</b>  To indicate the location of an automated external heart defibrillator
	<b>Image content</b>  Heart with flash in the middle, first aid cross

**Hazard**

Not being able to locate the automated external heart defibrillator which is provided to assist in the avoidance of death from a heart attack

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

Being aware of the location of an automated external heart defibrillator at the time of need

**Human behaviour that is intended to be prevented**

Not being aware of the location of an automated external heart defibrillator at the time of need

**Need**

The use of an automated external heart defibrillator can reduce the risk of death from a heart attack.

**Related referents**

E003

**Field of application**

In workplaces, in public areas, on products

**Format of application**

Safety signing, safety manuals and notices, product labelling

**Context of use**


In public facilities such as airports, railway stations and shopping areas and in workplaces where automated external heart defibrillators have been installed

**Additional information**

The first aid cross may be replaced with another element appropriate to cultural requirements of the target group.

Test data obtained according to ISO 9186-1 are available from more than one country. Findings from testing showed that the graphical symbol 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 E011: Eyewash station

	<b>Reference No.</b>  <p style="text-align: center;"><b>ISO 7010-E011</b></p>
	<b>Referent</b>  <p style="text-align: center;"><b>Eyewash station</b></p>
	<b>Function</b> <p>To indicate the location of an eyewash station</p>
	<b>Image content</b> <p>Eye above running water coming out of a shower head, first aid cross</p>

**Hazard**

Not being able to locate the eyewash station which is provided to assist in the clearance of eye contamination from substances which can lead to eye damage and loss of sight, if not cleared sufficiently quickly

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

Being aware of the location of an eyewash station sufficiently quickly at the time of need

**Human behaviour that is intended to be prevented**

Not being aware of the location of an eyewash station sufficiently quickly at the time of need

**Need**

The use of an eyewash can reduce the risk of damage to eyes and loss of sight following contamination from substances.

**Related referents**

E003, E012

**Field of application**

In workplaces

**Format of application**

Safety signing, safety manuals and notices

**Context of use**

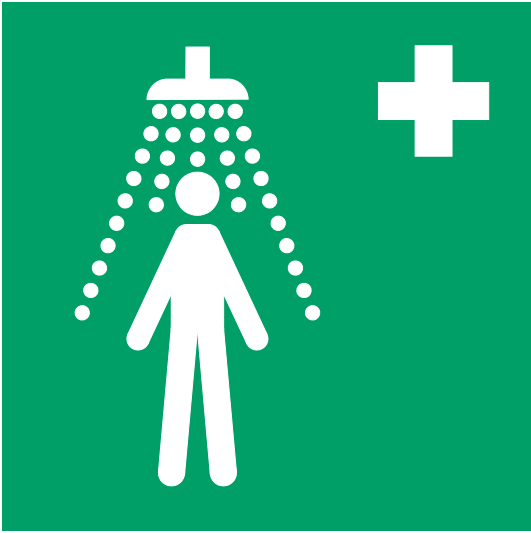
In areas where eye contamination can take place and eyewash stations are provided

**Additional information**

The first aid cross may be replaced with another element appropriate to cultural requirements of the target group.

Test data obtained according to ISO 9186-1 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 E012: Safety shower

	<b>Reference No.</b>  <p style="text-align: center;"><b>ISO 7010-E012</b></p>
	<b>Referent</b>  <p style="text-align: center;"><b>Safety shower</b></p>
	<b>Function</b> <p>To indicate the location of a safety shower</p>
	<b>Image content</b> <p>Human figure under running water coming out of a shower head, first aid cross</p>

**Hazard**

Not being able to locate the safety shower which is provided to assist in the clearance of contamination from substances which can lead to death, injury or illness, if not cleared sufficiently quickly

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

Being aware of the location of a safety shower sufficiently quickly at the time of need

**Human behaviour that is intended to be prevented**

Not being aware of the location of a safety shower sufficiently quickly at the time of need

**Need**

The use of a safety shower can reduce the risk of death, injury and illness following contamination from substances.

**Related referents**

E003, E011

**Field of application**

In workplaces

**Format of application**

Safety signing, safety manuals and notices

**Context of use**

In areas where contamination of people from substances can take place and safety showers are provided


**Additional information**

The first aid cross may be replaced with another element appropriate to cultural requirements of the target group.

Test data obtained according to ISO 9186-1 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 E013: Stretcher

	<b>Reference No.</b>  <p style="text-align: center;"><b>ISO 7010-E013</b></p>
	<b>Referent</b>  <p style="text-align: center;"><b>Stretcher</b></p>
	<b>Function</b> To indicate the location of a stretcher
	<b>Image content</b> Human figure outlined on a white stretcher, first aid cross

**Hazard**

Not being able to locate the stretcher which is provided to assist in the transport of people with injury or illness to a place where medical care will be available

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

Being aware of the location of a stretcher sufficiently quickly at the time of need

**Human behaviour that is intended to be prevented**

Not being aware of the location of a stretcher sufficiently quickly at the time of need

**Need**

The use of a stretcher to transport people to a place where medical care will be available can reduce the risk of death and the aggravation of injuries or illness.

**Related referents**

E003

**Field of application**

In workplaces, in public areas

**Format of application**

Safety signing, safety manuals and notices

**Context of use**


In areas where stretchers are provided to take people who are injured or ill to receive medical care

**Additional information**

The first aid cross may be replaced with another element appropriate to cultural requirements of the target group.

Test data obtained according to ISO 9186-1 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 M012: Use handrail

	<b>Reference No.</b>  <p style="text-align: center;"><b>ISO 7010-M012</b></p>
	<b>Referent</b>  <p style="text-align: center;"><b>Use handrail</b></p>
	<b>Function</b> To signify that the handrail must be used
	<b>Image content</b> Upper human figure with left arm touching diagonal line

**Hazard**

Being unable to prevent a fall from slipping or tripping when using stairs, escalators or moving walkways

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

Holding the handrail

**Human behaviour that is intended to be prevented**

Not holding the handrail

**Need**

People can slip or trip when using stairs, escalators and moving walkways and having a hand on a handrail can help prevent falling leading to injury.

**Related referents**

—

**Field of application**

In workplaces, in public areas, on products

**Format of application**

Safety signing, safety manuals and notices, product labelling

**Context of use**

Near stairs, escalators and moving walkways


**Additional information**

Test data obtained according to ISO 9186-1 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.

iTech STANDARD PREVIEW  
(standards.iteh.ai)

ISO 7010:2003/Amd 4:2009  
<https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009>

Safety sign M013: Wear face shield

	<b>Reference No.</b>  <p style="text-align: center;"><b>ISO 7010-M013</b></p>
	<b>Referent</b>  <p style="text-align: center;"><b>Wear face shield</b></p>
	<b>Function</b> <p>To signify that a face shield must be worn</p>
	<b>Image content</b> <p>Human head (left hand profile) wearing a face shield</p>

**Hazard**

Flying objects/particles

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

Wearing face shield

**Human behaviour that is intended to be prevented**

Not wearing face shield

**Need**

People can be injured in the face by flying objects or particles.

**Related referents**

M004, M007, M016, M019

**Field of application**

In workplaces

**Format of application**

Safety signing, safety manuals and notices

**Context of use**

In areas of construction and other industrial activity

**Additional information**

Test data obtained according to ISO 9186-1 are not available from more than one country. Findings from national testing, however, showed that the graphical symbol 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.

iTeh STANDARD PREVIEW

(standards.iteh.ai)

ISO 7010:2003/Amd 4:2009  
<https://standards.iteh.ai/catalog/standards/sist/d2bbb436-9eee-4cb1-8756-6cbbafefc871/iso-7010-2003-amd-4-2009>