

BS ISO 24409-2:2014



BSI Standards Publication

# **Ships and marine technology — Design, location and use of shipboard safety signs, safety- related signs, safety notices and safety markings**

Part 2: Catalogue

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**National foreword**

This British Standard is the UK implementation of ISO 24409-2:2014.

The UK participation in its preparation was entrusted to Technical Committee SME/32/-/1, Lifesaving and fire protection.

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**Ships and marine technology — Design,  
location and use of shipboard safety  
signs, safety-related signs, safety notices  
and safety markings —**

**Part 2:  
Catalogue**

*Navires et technologie maritime — Conception, emplacement et  
utilisation des signaux de sécurité, signaux relatifs à la sécurité, notes  
de sécurité et marquages de sécurité à bord des navires —*

*Partie 2: Catalogue*



Reference number  
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## 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.

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](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 8, *Ships and marine technology*, Subcommittee SC 1, *Lifesaving and fire protection*.

ISO 24409 consists of the following parts, under the general title *Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings*:

- *Part 1: Design principles*
- *Part 2: Catalogue*
- *Part 3: Code of practice*

## Introduction

The growth of international travel by ship has created a need to provide people travelling and working on-board ships with signs and associated systems that communicate consistent and effective safety information. This part of ISO 24409 specifies a system of safety and safety-related signs on ships and other marine installations that is generally consistent with standardized signs with which many will have gained familiarity in other applications.

As such, this part of ISO 24409 clarifies and supplements existing requirements set out in SOLAS regulations II-2/13.3.2.5.1, III/9.2.3, III/11.5, III/20.10, and ISO 17631. However, it is directly applicable to shipboard safety and safety-related signs only, and does not deal with graphical symbols to be used on shipboard plans or documentation.

This part of ISO 24409 contains a catalogue of signs developed in accordance with the general design principles specified in Part 1, for application on ships in accordance with the code of practice in Part 3.



# Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings — Part 2: Catalogue

**IMPORTANT** — The colours represented in the electronic file of this part of ISO 24409 can be neither viewed on screen nor printed as true representations. Although the copies of this part of ISO 24409 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.

For a definitive version of all ISO symbols for use in application of this part of ISO 24409, please consult the ISO Online Browsing Platform (<http://www.iso.org/obp/ui/>).

## 1 Scope

This part of ISO 24409 prescribes standardized signs and safety notices specifically for use on board ships. Each sign is categorized and indexed according to the safety message that is to be conveyed. Each sign is provided with relevant information on the preferred format of use, the context in which it is used and displayed as well as a description of the intended audience. The shape and colour required to be used for each sign, as prescribed by ISO 3864-4, are given together with the graphical symbols contained within each sign. This part of ISO 24409 specifies the sign originals that may be scaled for reproduction and application purposes. It includes signs which require supplementary text signs to be used in conjunction with them to improve comprehension. This catalogue is intended to be under continual revision as new shipboard signs and notices are added and as new requirements are identified and corresponding safety signs and notices are developed and standardised. Where an ISO 7010 reference number is given in this part of ISO 24409 it means that the sign is identical to the one in ISO 7010.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3864 (all parts), *Graphical symbols — Safety colours and safety signs*

ISO 7010, *Graphical symbols — Safety colours and safety signs — Registered safety signs*

ISO 17631, *Ships and marine technology — Shipboard plans for fire protection, life-saving appliances and means of escape*

ISO 17724, *Graphical symbols — Vocabulary*

ISO 24409-1, *Ships and marine technology — Design, location, and use of shipboard safety signs — Part 1: Design principles*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 17724, ISO 24409-1, and the following apply.

#### 3.1

##### **fire control plan signs**

signs used to identify and locate equipment shown on the fire control plan

Note 1 to entry: These signs are related to the symbols in ISO 17631; see 4.1 h) below.

#### 3.2

##### **image content**

written description of the elements of a graphical symbol or safety sign and their relative disposition

#### 3.3

##### **referent**

idea or object that a graphical symbol is intended to represent

#### 3.4

##### **safety sign original**

safety sign with which a referent, a graphical representation and a description of the application are associated

### 4 Categorization of shipboard signs

4.1 Shipboard signs are categorized according to their function as follows.

- a) **MES** is the category for means of escape signs which provide escape route identification.
- b) **EES** is the category for emergency equipment signs which provide use and location of first aid facilities and portable safety equipment.
- c) **LSS** is the category for life saving systems and appliances signs which provide use and location of life saving systems and appliances.
- d) **FES** is the category for fire-fighting equipment signs which provide use and location of fire-fighting equipment.
- e) **PSS** is the category for prohibition signs which provide prohibited actions.
- f) **WSS** is the category for hazard warning signs which provide identification of hazards to avoid.
- g) **MSS** is the category for mandatory action signs which provide mandatory notices and instructions.

NOTE The PSS, WSS and MSS categories are the same, respectively, as the P, W and M categories of ISO 7010.

- h) **SIS** is the category for safety and operating instructions for trained personnel. Most of these signs are taken from IMO Resolution A.952(23) for fire control symbols and ISO 17631.

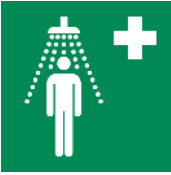
However, the following list shows symbols from A.952(23) that have been replaced by the use of safety signs meeting ISO 3864-1 and are part of the FES category:

- 1) FES012 remote release station replaces 2.13.
  - 2) FES009 Fixed fire extinguishing installation replaces 2.20.
  - 3) FES005 Fixed fire extinguishing battery replaces 2.21.
  - 4) FES010 Fixed fire extinguishing bottle replaces 2.22.
  - 5) FES013 Fire monitor replaces 2.26.
  - 6) FES002 Fire hose reel replaces 2.27.
  - 7) FES001 Fire extinguisher replaces 2.28.
  - 8) FES006 Wheeled fire extinguisher replaces 2.29.
  - 9) FES007 Portable foam replaces 2.30.
  - 10) FES003 Collection of fire fighting equipment replaces 2.31.
  - 11) FES008 Water fog applicator replaces 2.33.
  - 12) FES011 Push button for general alarm replaces 2.39.
  - 13) FES004 Fire alarm call point replaces 2.40.
- i) SMS is the category for mimic signs. Refer to SOLAS regulation II-2/13.7.2.2, and the cabin instructions referred to in SOLAS regulation III/8.4 and IMO Resolution A.752(18).

**4.2** Table 1 summarizes the standardized safety signs, with the exception of SIS and mimic signs, used in workplaces and public areas in terms of functional category, referent number, referent, graphical symbol as well as geometric shape and colour in accordance with the design principles in ISO 24409-1.

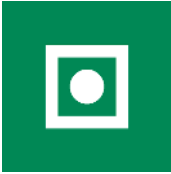
Table 1 — Summary of safety signs for shipboard use

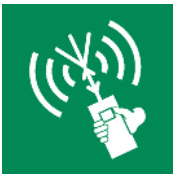
| CATEGORY                                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| MES                                                                                | EES                                                                                 | LSS                                                                                 | FES                                                                                 | PSS                                                                                  | WSS                                                                                   | MSS                                                                                   |
| Means of Escape Signs                                                              | Emergency Equipment Signs                                                           | Lifesaving Signs                                                                    | Fire-fighting Equipment Signs                                                       | Prohibition Signs                                                                    | Warning Signs                                                                         | Mandatory Signs                                                                       |
|    |    |    |    |    |    |    |
| MES001<br>(ISO 7010-E032)<br>Assembly station                                      | EES001<br>(ISO 7010-E003)<br>First Aid                                              | LSS001<br>(ISO 7010-E036)<br>Lifeboat                                               | FES001<br>(ISO 7010-F001)<br>Fire extinguisher                                      | PSS001<br>(ISO 7010-P001)<br>General prohibition                                     | WSS001<br>(ISO 7010-W001)<br>General warning                                          | MSS001<br>(ISO 7010-M001)<br>General Mandatory action                                 |
|  |  |  |  |  |  |  |
| MES002<br>(ISO 7010-E001)<br>Emergency exit (left hand)                            | EES002<br>(ISO 7010-E004)<br>Emergency telephone                                    | LSS002<br>(ISO 7010-E037)<br>Rescue boat                                            | FES002<br>(ISO 7010-F002)<br>Fire hose reel                                         | PSS002<br>(ISO 7010-P002)<br>No smoking                                              | WSS002<br>(ISO 7010-W002)<br>Warning; Explosive material                              | MSS002<br>(ISO 7010-M002)<br>Refer to instruction manual or booklet                   |

| CATEGORY                                                                                                                                            |                                                                                                                                           |                                                                                                                                                  |                                                                                                                                                               |                                                                                                                                                                                           |                                                                                                                                                                               |                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MES                                                                                                                                                 | EES                                                                                                                                       | LSS                                                                                                                                              | FES                                                                                                                                                           | PSS                                                                                                                                                                                       | WSS                                                                                                                                                                           | MSS                                                                                                                                                                 |
|  <p>MES003<br/>(ISO 7010-E002)<br/>Emergency exit (right hand)</p> |  <p>EES003<br/>(ISO 7010-E011)<br/>Eye wash station</p>  |  <p>LSS003<br/>(ISO 7010-E038)<br/>Liferaft</p>                 |  <p>FES003<br/>(ISO 7010-F004)<br/>Collection of fire fighting equipment</p> |  <p>PSS003<br/>(ISO 7010-P003)<br/>No open flame; fire, open ignition source and smoking prohibited</p> |  <p>WSS003<br/>(ISO 7010-W003)<br/>Warning; Radioactive material or ionizing radiation</p> |  <p>MSS003<br/>(ISO 7010-M003)<br/>Wear ear protection</p>                       |
|  <p>MES004<br/>(ISO 7010-E033)<br/>Door slides right to open</p>  |  <p>EES004<br/>(ISO 7010-E012)<br/>Emergency shower</p> |  <p>LSS004<br/>(ISO 7010-E039)<br/>Davit-launched liferaft</p> |  <p>FES004<br/>(ISO 7010-F005)<br/>Fire alarm call point</p>                |  <p>PSS004<br/>(ISO 7010-P004)<br/>No thoroughfare</p>                                                 |  <p>WSS004<br/>(ISO 7010-W004)<br/>Warning; Laser beam</p>                                |  <p>MSS004<br/>(ISO 7010-M004)<br/>Wear eye protection</p>                      |
|  <p>MES005<br/>(ISO 7010-E034)<br/>Door slides left to open</p>  |  <p>EES005<br/>(ISO 7010-E013)<br/>Stretcher</p>       |  <p>LSS005<br/>(ISO 7010-E040)<br/>Lifebuoy</p>               |  <p>FES005<br/>(ISO 7010-F008)<br/>Fixed fire extinguishing battery</p>    |  <p>PSS005<br/>(ISO 7010-P005)<br/>Not drinking water</p>                                             |  <p>WSS005<br/>(ISO 7010-W005)<br/>Warning; Non-ionizing radiation</p>                   |  <p>MSS005<br/>(ISO 7010-M005)<br/>Connect an earth terminal to the ground</p> |

| CATEGORY                                                                                                                                                          |                                                                                                                                              |                                                                                                                                                          |                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MES                                                                                                                                                               | EES                                                                                                                                          | LSS                                                                                                                                                      | FES                                                                                                                                               | PSS                                                                                                                                                                                   | WSS                                                                                                                                                      | MSS                                                                                                                                                                    |
|  <p>MES 006<br/>(ISO 7010-E018)<br/>Turn anti-clockwise to open</p>              |  <p>EES006<br/>(ISO 7010-E027)<br/>Medical grab bag</p>     |  <p>LSS006<br/>(ISO 7010-E041)<br/>Lifebuoy with line</p>               |  <p>FES006<br/>(ISO 7010-F009)<br/>Wheeled fire extinguisher</p> |  <p>PSS006<br/>(ISO 7010-P006)<br/>No access for fork lift trucks and other industrial vehicles</p> |  <p>WSS006<br/>(ISO 7010-W006)<br/>Warning; Magnetic field</p>        |  <p>MSS006<br/>(ISO 7010-M006)<br/>Disconnect mains plug from electrical outlet</p> |
|  <p>MES007<br/>(ISO 7010-E019)<br/>Turn clockwise to open</p>                   |  <p>EES007<br/>(ISO 7010-E028)<br/>Oxygen resuscitator</p> |  <p>LSS007<br/>(ISO 7010-E042)<br/>Lifebuoy with light</p>             |  <p>FES007<br/>(ISO 7010-F010)<br/>Portable foam</p>            |  <p>PSS007<br/>(ISO 7010-P007)<br/>No access for people with active implanted cardiac devices</p>  |  <p>WSS007<br/>(ISO 7010-W007)<br/>Warning; Floor level obstacle</p> |  <p>MSS007<br/>(ISO 7010-M007)<br/>Wear opaque eye protection</p>                  |
|  <p>MES008<br/>(ISO 7010-E057)<br/>Door opens by pulling on left-hand side</p> |  <p>EES008<br/>(ISO 7010-E029)<br/>EEBD</p>               |  <p>LSS008<br/>(ISO 7010-E043)<br/>Lifebuoy with line &amp; light</p> |  <p>FES008<br/>(ISO 7010-F011)<br/>Water fog applicator</p>    |  <p>PSS008<br/>(ISO 7010-P008)<br/>No metallic articles or watches</p>                            |  <p>WSS008<br/>(ISO 7010-W008)<br/>Warning; Drop (fall)</p>         |  <p>MSS008<br/>(ISO 7010-M008)<br/>Wear safety footwear</p>                       |

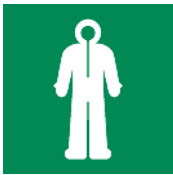
| CATEGORY                                                                                                                                                         |                                                                                                                                                                 |                                                                                                                                              |                                                                                                                                                               |                                                                                                                                                        |                                                                                                                                                                            |                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| MES                                                                                                                                                              | EES                                                                                                                                                             | LSS                                                                                                                                          | FES                                                                                                                                                           | PSS                                                                                                                                                    | WSS                                                                                                                                                                        | MSS                                                                                                                                                 |
|  <p>MES009<br/>(ISO 7010-E058)<br/>Door opens by pulling on right-hand side</p> |  <p>EES009<br/>(ISO 7010-E009)<br/>Doctor</p>                                  |  <p>LSS<br/>Lifebuoy with light and smoke</p>               |  <p>FES009<br/>(ISO 7010-F012)<br/>Fixed fire extinguishing installation</p> |  <p>PSS009<br/>(ISO 7010-P010)<br/>Do not touch</p>                  |  <p>WSS009<br/>(ISO 7010-W009)<br/>Warning; Biological hazard</p>                       |  <p>MSS009<br/>(ISO 7010-M009)<br/>Wear protective gloves</p>    |
|  <p>MES 010<br/>(ISO 7010-E023)<br/>Push door on right-hand side to open</p>   |  <p>EES010<br/>(ISO 7010-E010)<br/>Automated external heart defibrillator</p> |  <p>LSS009<br/>(ISO 7010-E044)<br/>Lifejacket</p>          |  <p>FES010<br/>(ISO 7010-F013)<br/>Fixed fire extinguishing bottle</p>      |  <p>PSS010<br/>(ISO 7010-P011)<br/>Do not extinguish with water</p> |  <p>WSS010<br/>(ISO 7010-W010)<br/>Warning; Low temperature or freezing conditions</p> |  <p>MSS010<br/>(ISO 7010-M010)<br/>Wear protective clothing</p> |
|                                                                                                                                                                  |  <p>EES011<br/>Safety Equipment</p>                                          |  <p>LSS010<br/>(ISO 7010-E045)<br/>Child's lifejacket</p> |  <p>FES011<br/>(ISO 7010-F014)<br/>Remote release station</p>              |  <p>PSS011<br/>(ISO 7010-P013)<br/>No activated mobile phones</p>  |  <p>WSS011<br/>(ISO 7010-W011)<br/>Warning; Slippery surface</p>                      |  <p>MSS011<br/>(ISO 7010-M011)<br/>Wash your hands</p>         |

| CATEGORY |                                                                                                                                   |                                                                                                                                                            |                                                                                                                                      |                                                                                                                                                                       |                                                                                                                                                                                    |                                                                                                                                                  |
|----------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| MES      | EES                                                                                                                               | LSS                                                                                                                                                        | FES                                                                                                                                  | PSS                                                                                                                                                                   | WSS                                                                                                                                                                                | MSS                                                                                                                                              |
|          |  <p>EES012<br/>General Alarm</p>                 |  <p>LSS011<br/>(ISO 7010-E046)<br/>Infant's lifejacket</p>                |  <p>FES012<br/>(ISO 7010-F015)<br/>Fire monitor</p> |  <p>PSS012<br/>(ISO 7010-P014)<br/>No access for persons with metallic implants</p> |  <p>WSS012<br/>(ISO 7010-W012)<br/>Warning; Electricity</p>                                     |  <p>MSS012<br/>(ISO 7010-M012)<br/>Use handrail</p>           |
|          |  <p>EES013<br/>Break glass to obtain access</p> |  <p>LSS012<br/>(ISO 7010-E047)<br/>Search and rescue locating device</p> |                                                                                                                                      |  <p>PSS013<br/>(ISO 7010-P015)<br/>No reaching in</p>                              |  <p>WSS013<br/>(ISO 7010-W013)<br/>Warning; Guard dog</p>                                      |  <p>MSS013<br/>(ISO 7010-M013)<br/>Wear faceshield</p>       |
|          |                                                                                                                                   |  <p>LSS013<br/>(ISO 7010-E048)<br/>Survival craft distress signals</p>  |                                                                                                                                      |  <p>PSS014<br/>(ISO 7010-P017)<br/>No pushing</p>                                 |  <p>WSS014<br/>(ISO 7010-W014)<br/>Warning; Forklift trucks and other industrial vehicles</p> |  <p>MSS014<br/>(ISO 7010-M014)<br/>Wear head protection</p> |

| CATEGORY |     |                                                                                                                                                                |     |                                                                                                                                                                 |                                                                                                                                                    |                                                                                                                                                         |
|----------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| MES      | EES | LSS                                                                                                                                                            | FES | PSS                                                                                                                                                             | WSS                                                                                                                                                | MSS                                                                                                                                                     |
|          |     |  <p>LSS014<br/>(ISO 7010-E049)<br/>Rocket parachute flares</p>                |     |  <p>PSS015<br/>(ISO 7010-P018)<br/>No sitting</p>                             |  <p>WSS015<br/>(ISO 7010-W015)<br/>Warning; Overhead load</p>   |  <p>MSS015<br/>(ISO 7010-M015)<br/>Wear high visibility clothing</p> |
|          |     |  <p>LSS015<br/>(ISO 7010-E050)<br/>Line-throwing appliances</p>              |     |  <p>PSS016<br/>(ISO 7010-P019)<br/>No stepping on surface</p>                |  <p>WSS016<br/>(ISO 7010-W016)<br/>Warning; Toxic material</p> |  <p>MSS016<br/>(ISO 7010-M016)<br/>Wear a mask</p>                  |
|          |     |  <p>LSS016<br/>(ISO 7010-E051)<br/>Two-way VHF radiotelephone apparatus</p> |     |  <p>PSS017<br/>(ISO 7010-P020)<br/>Do not use lift in the event of fire</p> |  <p>WSS017<br/>(ISO 7010-W017)<br/>Warning; Hot surface</p>   |  <p>MSS017<br/>(ISO 7010-M017)<br/>Wear respiratory protection</p> |

| CATEGORY |     |                                                                                                                                                                   |     |                                                                                                                                  |                                                                                                                                                       |                                                                                                                                               |
|----------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| MES      | EES | LSS                                                                                                                                                               | FES | PSS                                                                                                                              | WSS                                                                                                                                                   | MSS                                                                                                                                           |
|          |     |  <p>LSS017<br/>(ISO 7010-E052)<br/>Emergency Indicating Radio Beacon (EPIRB)</p> |     |  <p>PSS018<br/>(ISO 7010-P021)<br/>No dogs</p> |  <p>WSS018<br/>(ISO 7010-W018)<br/>Warning; Automatic start-up</p> |  <p>MSS018<br/>(ISO 7010-M018)<br/>Wear safety harness</p> |

|  |  |                                                                                                                                                                      |  |                                                                                                                                                |                                                                                                                                                         |                                                                                                                                               |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  <p>LSS018<br/>(ISO 7010-E053)<br/>Embarkation ladder or other approved device</p> |  |  <p>PSS019<br/>(ISO 7010-P022)<br/>No eating or drinking</p> |  <p>WSS019<br/>(ISO 7010-W019)<br/>Warning; Crushing</p>            |  <p>MSS019<br/>(ISO 7010-M019)<br/>Wear welding mask</p>  |
|  |  |  <p>LSS019<br/>(ISO 7010-E054)<br/>Marine evacuation system (slide)</p>           |  |  <p>PSS020<br/>(ISO 7010-P023)<br/>Do not obstruct</p>      |  <p>WSS020<br/>(ISO 7010-W020)<br/>Warning; Overhead obstacles</p> |  <p>MSS020<br/>(ISO 7010-M022)<br/>Use barrier cream</p> |

|  |  |                                                                                                                                                              |  |                                                                                                                                                        |                                                                                                                                                               |                                                                                                                                          |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  <p>LSS020<br/>(ISO 7010-E055)<br/>Marine evacuation system<br/>(chute)</p> |  |  <p>PSS021<br/>(ISO 7010-P024)<br/>Do not walk or<br/>stand here</p> |                                                                                                                                                               |  <p>MSS021<br/>(ISO 7010-M023)<br/>Use footbridge</p> |
|  |  |  <p>LSS021<br/>(ISO 7010-E056)<br/>Survival clothing</p>                    |  |                                                                                                                                                        |  <p>WSS021<br/>(ISO 7010-W021)<br/>Warning;<br/>Flammable<br/>material</p> |                                                                                                                                          |
|  |  |  <p>LSS022<br/>(ISO 7010-E0xx)<br/>Liferaft Knife</p>                     |  |                                                                                                                                                        |  <p>WSS022<br/>(ISO 7010-W022)<br/>Warning;<br/>Sharp element</p>        |                                                                                                                                          |

**4.3** Table 2 summarizes a subset of MSS signs adapted from IMO Assembly Resolution A.760(18) that may be displayed together to form a sequence of critical mandatory actions to safely launch a lifeboat, rescue boat, or liferaft.

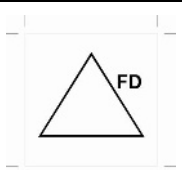
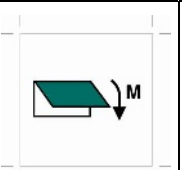
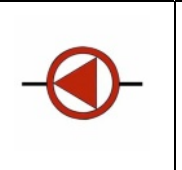
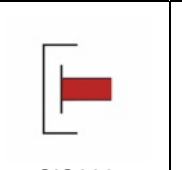
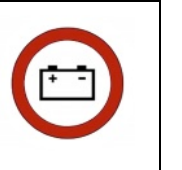
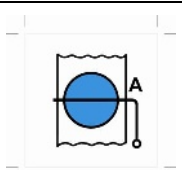
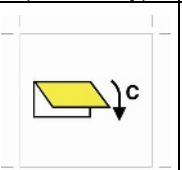
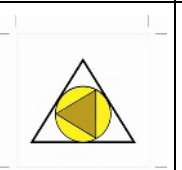
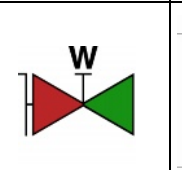
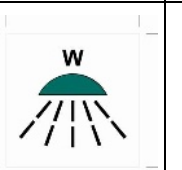
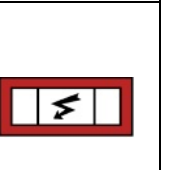
NOTE MSS022 (ISO 7010-M020) replaces the Fasten seat belts sign from Resolution A.760(18).

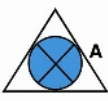
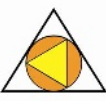
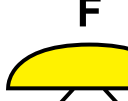
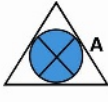
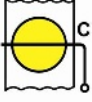
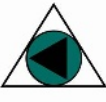
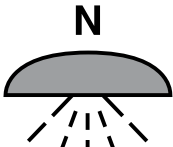
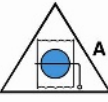
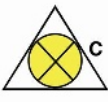
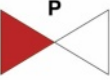
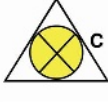
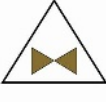
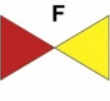
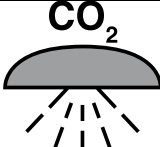
**Table 2 — Summary of related-referent mandatory action signs for launching lifesaving equipment**

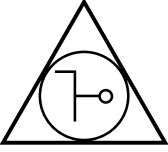
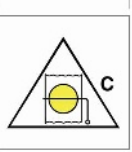
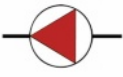
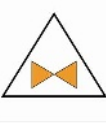
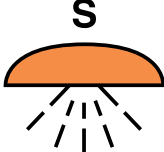
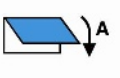
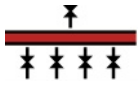
|                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
| MSS022<br>(ISO 7010-M020)<br>Fasten seat belts                                    | MSS023<br>(ISO 7010-M037)<br>Close hatches                                        | MSS024<br>(ISO 7010-M038)<br>Start engine                                         | MSS025<br>(ISO 7010-M039)<br>Lower to the water (lifeboat)                         | MSS026<br>(ISO 7010-M040)<br>Lower to the water (lifteraft)                         |
|  |  |  |  |  |
| MSS027<br>(ISO 7010-M041)<br>Lower to the water (rescue boat)                     | MSS028<br>(ISO 7010-M042)<br>Release falls                                        | MSS029<br>(ISO 7010-M043)<br>Start water spray                                    | MSS030<br>(ISO 7010-M044)<br>Start air supply                                      | MSS031<br>(ISO 7010-M045)<br>Release lifeboat gripes                                |

**4.4** Table 3 summarizes the SIS catalogue primarily adapted from IMO Resolution A.952(23) and ISO 17631 with the exception of the SIS signs listed in 4.1.

**Table 3 — Summary of shipboard fire control plan signs (SIS) for shipboard use**

|                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| SIS001<br>Fire control plan                                                        | SIS009<br>Remote control for fire doors                                             | SIS017<br>Closing device for ventilation inlet or outlet (machinery)                | SIS025<br>Emergency fire pump                                                       | SIS033<br>International shore connection                                             | SIS041<br>Intert gas installation                                                     | SIS049<br>Emergency source of electrical power (battery)                              |
|  |  |  |  |  |  |  |
| SIS002<br>Safety plan                                                              | SIS010<br>Fire damper                                                               | SIS018<br>Closing device                                                            | SIS026<br>Fuel pump(s)                                                              | SIS034<br>Fire hydrant                                                               | SIS042<br>Space or group                                                              | SIS050                                                                                |

|                                                                                                                                                                               |                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                               |                                                                                                                              |                                                                                                                                                                                            |                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                               | (accommodation and service spaces)                                                                                                                                     | for ventilation inlet or outlet (cargo spaces)                                                                                                                                         | remote shut-off                                                                                                                               |                                                                                                                              | of spaces protected by a water fire-extinguishing system                                                                                                                                   | Emergency switchboard                                                                                                                                   |
|  <p>SIS003<br/>Fire and safety plan</p>                                                      |  <p>SIS011<br/>Fire damper (machinery space)</p>                                      |  <p>SIS019<br/>Remote control for closing device for ventilation inlet and outlet (accommodation)</p> |  <p>SIS027<br/>Lube oil pump(s) remote shut-off</p>          |  <p>SIS035<br/>Main section valve</p>      |  <p>SIS043<br/>Space or group of spaces protected by a foam fire-extinguishing system</p>               |  <p>SIS051<br/>Air compressor for breathing devices</p>              |
|  <p>SIS004<br/>Ventilation remote control or shut-off (accommodation and service spaces)</p> |  <p>SIS012<br/>Fire damper (cargo space)</p>                                          |  <p>SIS020<br/>Remote control for closing device for ventilation inlet and outlet (machinery)</p>     |  <p>SIS028<br/>Remote control for bilge pump(s)</p>          |  <p>SIS036<br/>Sprinkler-section valve</p> |  <p>SIS044<br/>Space or group of spaces protected by a gas other than CO2 fire-extinguishing system</p> |  <p>SIS052<br/>Control panel for fire detection and alarm system</p> |
|  <p>SIS005<br/>Ventilation remote control or shut-off (machinery spaces)</p>               |  <p>SIS013<br/>Remote control for fire damper (accommodation or service spaces)</p> |  <p>SIS021<br/>Remote control for closing device for ventilation inlet and outlet (cargo)</p>       |  <p>SIS029<br/>Remote control for emergency bilge pump</p> |  <p>SIS037<br/>Powder-section valve</p>  |  <p>SIS045<br/>Space or group of spaces protected by a powder fire-extinguishing system</p>           |                                                                                                                                                         |
|  <p>SIS006<br/>Ventilation remote control or shut-off (cargo)</p>                          |  <p>SIS014<br/>Remote control for fire damper (machinery)</p>                       |  <p>SIS022<br/>Remote control for fire pump</p>                                                     |  <p>SIS030<br/>Remote control for fuel oil valves</p>      |  <p>SIS038<br/>Foam-section valve</p>    |  <p>SIS046<br/>Space or group of spaces protected by a CO2 fire-extinguishing system</p>              |                                                                                                                                                         |

|                                                                                                                                          |                                                                                                                                                                                                  |                                                                                                                                                                                                               |                                                                                                                                          |                                                                                                                                                 |                                                                                                                                                                                                                           |  |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <br>SIS007<br>Remote control<br>for skylight            | <br>SIS015<br>Remote control<br>for fire damper<br>(cargo space)                                                | <br>SIS023<br>Fire pump                                                                                                      | <br>SIS031<br>Remote control<br>for lube oil<br>valves  | <br>SIS039<br>High expansion<br>foam supply<br>trunk (outlet) | <br>SIS047<br>Space or group<br>of spaces<br>protected by a<br>sprinkler or<br>high-pressure<br>water fire-<br>extinguishing<br>system |  |
| <br>SIS008<br>Remote control<br>for watertight<br>doors | <br>SIS016<br>Closing device<br>for ventilation<br>inlet or outlet<br>(accommodatio<br>n and service<br>spaces) | <br>SIS024<br>emergency fire<br>pump Remote<br>control or fire<br>pump supplied<br>by the<br>emergency<br>source of<br>power | <br>SIS032<br>Remote control<br>for fire pump<br>valves | <br>SIS040<br>Water spray<br>system valves<br>2.24            | <br>SIS048<br>Emergency<br>generator                                                                                                   |  |

## 5 Standardized shipboard safety sign and fire control plan signs

**5.1** Tables 4 to 11 give safety sign and fire control plan sign originals in a uniform 70 mm size with corner marks to enable accurate enlargement and reduction scaling. The sign illustrations are shown without borders in order to allow for consistent reproduction scaling, though the use of borders is encouraged as defined by ISO 3864-1. The signs should be reproduced exactly as shown in Tables 4 to 11. However some degree of graphical modification is permitted when cultural differences or special application formats need to be considered, provided the original meaning is retained and comprehension of the safety or safety-related sign is maintained. Consistent reproduction and use of these signs will lead to a progressively improved degree of comprehension at the international level.

**5.2** In cases where the orientation of the graphical symbol is not essential to the meaning of the safety sign, the graphical symbol may be reproduced in a mirrored form. For prohibition signs, it is essential that the prohibition bar does not obscure significant details of the graphical symbol.

**NOTE** The graphical symbol is the complete image containing all the graphical symbol elements as shown in the registered safety sign.

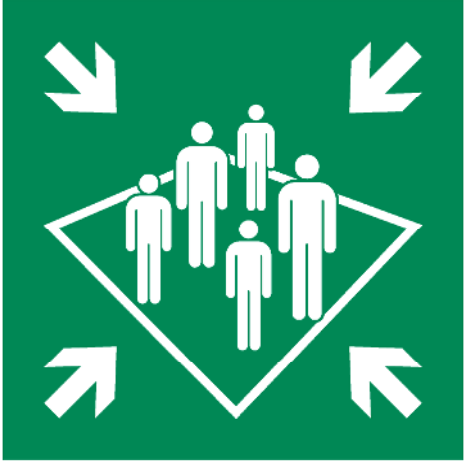
**5.3** Where a graphical symbol is not available to indicate a particular desired meaning, the meaning shall be obtained by using the appropriate general sign together with supplementary safety information.

**5.4** Tables 4 to 11 present the safety sign and fire control plan sign originals according to their category as follows:

- MES - Means of escape see Table 4
- EES - Emergency equipment signs see Table 5
- LSS - Life saving systems and appliances see Table 6

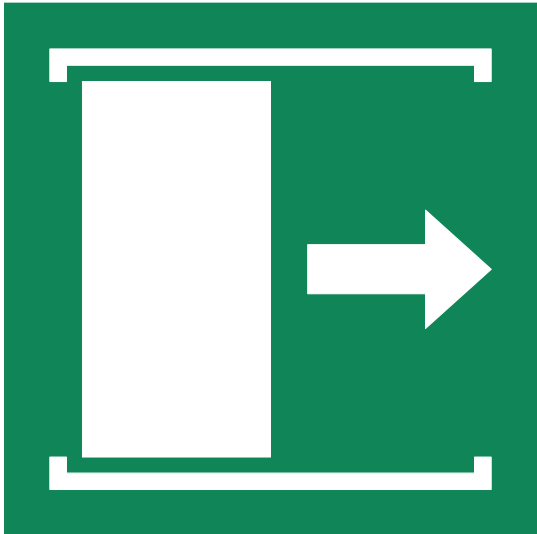
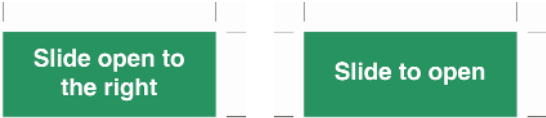
|                                                       |          |
|-------------------------------------------------------|----------|
| — FES - Fire-fighting equipment see                   | Table 7  |
| — PSS - Prohibition signs see                         | Table 8  |
| — WSS - Warning signs see                             | Table 9  |
| — MSS - Mandatory action signs see                    | Table 10 |
| — SIS - Fire control plan signs for trained personnel | Table 11 |

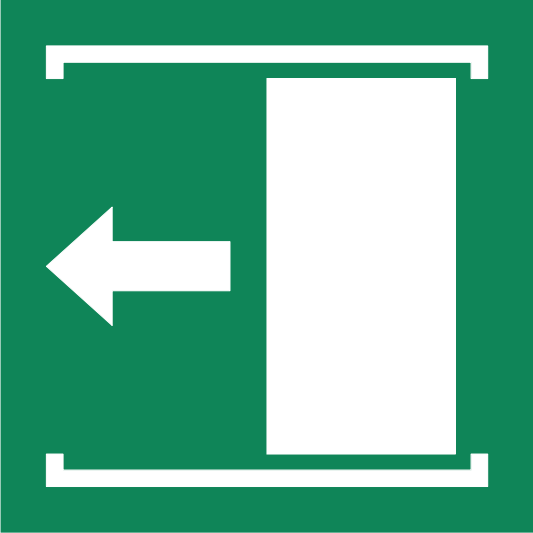
Table 4 — Means of escape signs (MES)

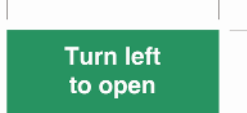
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Reference No.                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MES001 (ISO 7010 E032)                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Referent                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Assembly Station                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Function                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | To indicate the location of an assembly station on board ship                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Image content                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Five human figures in different sizes standing on a square, four arrows coming from the corners pointing to them |
| <b>Hazard</b><br>Not being able to locate an assembly station on board ship<br><br><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br>Being aware of the location of an assembly station on board ship<br><br><b>Related referents</b><br>ISO 7010-E007<br><br><b>Additional information.</b><br>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.<br><br>Supplementary arrow sign (type D of ISO 3864-3) in white on green to be used to give directional information. Management information panel supplementary sign with a reference number or letter may be used to indicate a specific assembly station to aid in distinguishing between multiple assembly stations. |                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  |

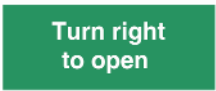
|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                      | <b>Reference No.</b><br><br><b>MES002 (ISO 7010-E001)</b>                               |
|                                                                                                                                                                                                                                                                                                                                                                                       | <b>Referent</b><br><br><b>Emergency Exit (left hand)</b>                                |
|                                                                                                                                                                                                                                                                                                                                                                                       | <b>Function</b><br>To locate means of escape and/or escape routes to a place of safety. |
|                                                                                                                                                                                                                                                                                                                                                                                       | <b>Image content</b><br>Human figure moving to left through doorway                     |
| <b>Hazard</b><br>Not being able to locate means of escape and/or escape routes to a place of safety which is provided for evacuation in the event of an emergency                                                                                                                                                                                                                     |                                                                                         |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br>Being aware of the location of an escape route to a place of safety in the event of an emergency                                                                                                                                                                               |                                                                                         |
| <b>Related referents</b><br>ISO 7010-E001, ISO 7010-E002, MES003                                                                                                                                                                                                                                                                                                                      |                                                                                         |
| <b>Additional information</b><br>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.<br><br>Supplementary arrow sign (type D of ISO 3864-3) in white on green to be used to give directional information: |                                                                                         |
|                                                                                                                                                                                                                                                                                                   |                                                                                         |

|                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                      | <b>Reference No.</b><br><br><b>MES003 (ISO 7010-E002)</b>                              |
|                                                                                                                                                                                                                                                                                                                                                                                       | <b>Referent</b><br><br><b>Emergency Exit (right hand)</b>                              |
|                                                                                                                                                                                                                                                                                                                                                                                       | <b>Function</b><br>To locate means of escape and/or escape routes to a place of safety |
|                                                                                                                                                                                                                                                                                                                                                                                       | <b>Image content</b><br>Human figure moving to right through doorway                   |
| <b>Hazard</b><br>Not being able to locate means of escape and/or escape routes to a place of safety which is provided for evacuation in the event of an emergency                                                                                                                                                                                                                     |                                                                                        |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br>Being aware of the location of an escape route to a place of safety in the event of an emergency                                                                                                                                                                               |                                                                                        |
| <b>Related referents</b><br>ISO 7010-E001, ISO 7010-E002, MES002                                                                                                                                                                                                                                                                                                                      |                                                                                        |
| <b>Additional information</b><br>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.<br><br>Supplementary arrow sign (type D of ISO 3864-3) in white on green to be used to give directional information: |                                                                                        |
|                                                                                                                                                                                                                                                                                                   |                                                                                        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Reference No.</b><br><br>MES004 (ISO 7010 E033)                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Referent</b><br><br>Door slides right to open                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Function</b><br><br>To indicate the direction in which a sliding door opens             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Image content</b><br><br>Rectangle bordered top and bottom, arrow pointing to the right |
| <p><b>Hazard</b></p> <p>Not being able to determine the direction of movement of a sliding door</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b></p> <p>Being able to discern a sliding door which opens to the right.</p> <p><b>Related referents</b></p> <p>ISO 7010-E022, ISO 7010-E023, ISO 7010-E034, ISO 7010-E057, ISO 7010-E058</p> <p><b>Additional information</b></p> <p>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <div data-bbox="236 1420 783 1536">  </div> |                                                                                            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Reference No.</b><br><br>MES005 (ISO 7010-E034)                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Referent</b><br><br>Door slides left to open                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Function</b><br>To indicate the direction in which a sliding door will open.             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Image content</b><br>White rectangle bordered top and bottom with arrow pointing to left |
| <p><b>Hazard</b><br/>Not being able to determine the direction of travel of a sliding door in order to open it</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>Being able to discern a sliding door which opens to the left.</p> <p><b>Related referents</b><br/>MES004, ISO 7010-W019</p> <p><b>Additional information</b><br/>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <div data-bbox="159 1355 375 1444"> <p>Slide open to the left</p> </div> <div data-bbox="462 1355 678 1444"> <p>Slide to open</p> </div> |                                                                                             |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Referent</b><br><br><b>Turn anticlockwise to open</b>                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Function</b><br>To indicate that a counter clockwise rotation is needed to turn a knob to open a door. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Image content</b><br>Knob and portion of a door in perspective with arrow curving counter clockwise    |
| <p><b>Hazard</b><br/>         Not being able to determine the correct rotation to turn a knob in order to open a door</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>         Being able to discern that counter clockwise is the correct way to turn a knob to open a door.</p> <p><b>Related referents</b><br/>         ISO 7010 E018, ISO 7010 E019, MES007</p> <p><b>Additional information</b><br/>         Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <div data-bbox="247 1243 494 1355">  </div> |                                                                                                           |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Referent</b><br><br><b>Turn clockwise to open</b>                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Function</b><br>To indicate that a clockwise rotation is needed to turn a knob to open a door. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Image content</b><br>Knob and portion of a door in perspective with arrow curving clockwise    |
| <p><b>Hazard</b><br/>         Not being able to determine the correct rotation to turn a knob in order to open a door [especially in the event of an emergency]</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>         Being able to discern that clockwise is the correct way to turn a knob to open a door.</p> <p><b>Related referents</b><br/>         ISO 7010 E018, ISO 7010 E019, MES006</p> <p><b>Additional information</b><br/>         Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <div data-bbox="167 1303 383 1393">  </div> |                                                                                                   |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Referent</b><br><br><b>Door opens by pulling on left-hand side</b>                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Function</b><br>To indicate that the door opens by pulling on the left-hand side.      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Image content</b><br>Doorway with door opening inwards, curved arrow pointing to right |
| <p><b>Hazard</b><br/>         Not being able to determine that a door handle must be pulled on left-hand side in order to open a door</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>         Being aware that pulling on the left-hand side is the correct way to open a door.</p> <p><b>Related referents</b><br/>         MES009</p> <p><b>Additional information</b><br/>         Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <div data-bbox="252 1240 496 1357">  </div> |                                                                                           |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Referent</b><br><br><b>Door opens by pulling on right-hand side</b>                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Function</b><br>To indicate that the door opens by pulling on the right-hand side.    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Image content</b><br>Doorway with door opening inwards, curved arrow pointing to left |
| <p><b>Hazard</b><br/>         Not being able to determine that a door handle must be pulled on right-hand side in order to open a door</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>         Being aware that pulling on the right-hand side is the correct way to open a door.</p> <p><b>Related referents</b><br/>         MES008</p> <p><b>Additional information</b><br/>         Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <div data-bbox="129 1240 405 1361">  </div> |                                                                                          |

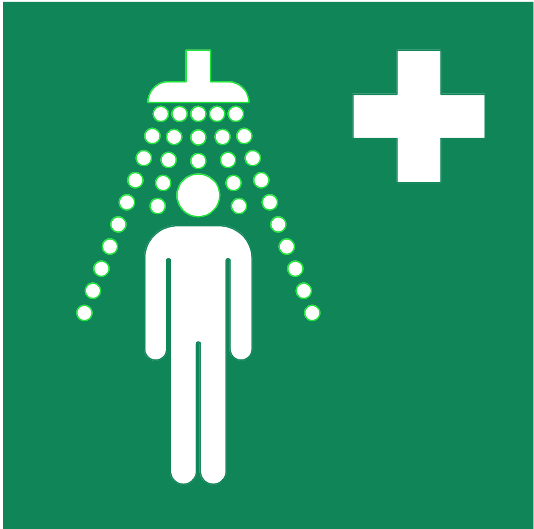
|                                                                                                                                                                                                                                                                  |                                                              |
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|                                                                                                                                                                                 | Reference No.                                                |
|                                                                                                                                                                                                                                                                  | MES009                                                       |
|                                                                                                                                                                                                                                                                  | Referent                                                     |
|                                                                                                                                                                                                                                                                  | Push                                                         |
|                                                                                                                                                                                                                                                                  | Function                                                     |
|                                                                                                                                                                                                                                                                  | To indicate that a pushing force is needed [to open a door]. |
|                                                                                                                                                                                                                                                                  | Image content                                                |
|                                                                                                                                                                                                                                                                  | A white arrow in perspective pointing in and to the right    |
| <b>Hazard</b><br>Not being able to determine that a door handle must be pushed in order to open a door                                                                                                                                                           |                                                              |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br>Being able to discern that pushing is the correct way to open a door.                                                                                     |                                                              |
| <b>Related referents</b><br>MES008                                                                                                                                                                                                                               |                                                              |
| <b>Additional information</b><br>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training. |                                                              |
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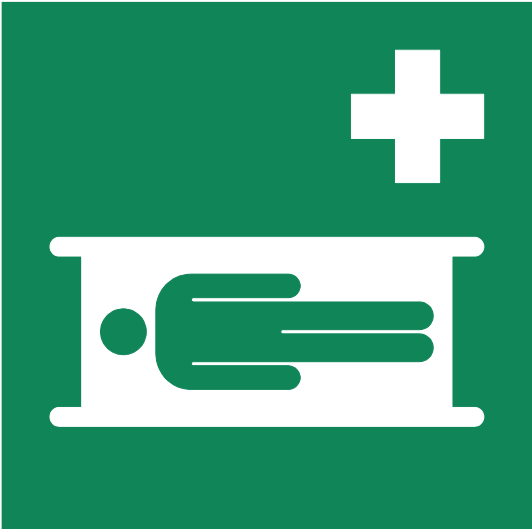
Table 5 — Emergency equipment signs (EES)

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EES001 (ISO 7010-E003)                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Referent                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | First aid                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Function                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | To indicate the location of first aid equipment or facilities or staff. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Image content                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | First aid cross                                                         |
| <p><b>Hazard</b><br/>Not being able to locate first aid equipment or facilities or staff in the event of injury or emergency</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b><br/>Being aware of the location of first aid equipment or facilities or staff.</p> <p><b>Related referents</b><br/>ISO 7010-E003, ISO 7010-E004, ISO 7010-E009, ISO 7010-E010, ISO 7010-E011, ISO 7010-E012, ISO 7010-E013</p> <p><b>Additional information</b><br/>The first aid cross may be replaced with another element appropriate to cultural requirements.<br/>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> |                                                                         |
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|                                                                                                                                                                                                                                                                                        | <b>Reference No.</b>                                |
|                                                                                                                                                                                                                                                                                                                                                                         | <b>EES002 (ISO 7010-E004)</b>                       |
|                                                                                                                                                                                                                                                                                                                                                                         | <b>Referent</b>                                     |
|                                                                                                                                                                                                                                                                                                                                                                         | <b>Emergency telephone</b>                          |
|                                                                                                                                                                                                                                                                                                                                                                         | <b>Function</b>                                     |
|                                                                                                                                                                                                                                                                                                                                                                         | To indicate the location of an emergency telephone. |
|                                                                                                                                                                                                                                                                                                                                                                         | <b>Image content</b>                                |
|                                                                                                                                                                                                                                                                                                                                                                         | Telephone receiver (profile), first aid cross       |
| <b>Hazard</b><br>Not being able to locate a telephone which is provided for use in the event of an emergency                                                                                                                                                                                                                                                            |                                                     |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b><br>Being aware of the location of an emergency telephone                                                                                                                                                                                                             |                                                     |
| <b>Related referents</b><br>ISO 7010-E003, ISO 7010-E004, ISO 7010-E009, ISO 7010-E010, ISO 7010-E011, ISO 7010-E012, ISO 7010-E013, ISO 7010-F006                                                                                                                                                                                                                      |                                                     |
| <b>Additional information</b><br>The first aid cross may be replaced with another element appropriate to cultural requirements.<br>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. |                                                     |
| <div>Emergency telephone</div>                                                                                                                                                                                                                                                                                                                                          |                                                     |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Referent</b><br><br>Eye wash station                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Function</b><br>To indicate the location of an eyewash station.                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Image content</b><br>Eye above running water coming out of a shower head, first aid cross |
| <p><b>Hazard</b></p> <p>Not being able to locate an 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</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b></p> <p>Being aware of the location of an eyewash station</p> <p><b>Related referents</b></p> <p>ISO 7010-E003, ISO 7010-E011, ISO 7010-E012</p> <p><b>Additional information</b></p> <p>The first aid cross may be replaced with another element appropriate to cultural requirements of the target group. Test data obtained according to ISO 9186-1:2007 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> <div data-bbox="145 1581 384 1671"> <p>Eye wash station</p> </div> |                                                                                              |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Referent</b><br><br>Safety shower                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Function</b><br>To indicate the location of a safety shower.                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Image content</b><br>Human figure under running water coming out of a shower head, first aid cross |
| <p><b>Hazard</b></p> <p>Not being able to locate a 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</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b></p> <p>Being aware of the location of a safety shower</p> <p><b>Related referents</b></p> <p>ISO 7010-E003, ISO 7010-E011, ISO 7010-E012</p> <p><b>Additional information</b></p> <p>The first aid cross may be replaced with another element appropriate to cultural requirements of the target group.</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> <div data-bbox="236 1675 475 1765"> <p><b>Safety shower</b></p> </div> |                                                                                                       |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Referent</b><br><br>Stretcher                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Function</b><br>To indicate the location of a stretcher.                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Image content</b><br>Human figure outlined on a white stretcher, first aid cross |
| <p><b>Hazard</b></p> <p>Not being able to locate a stretcher which is provided to assist in the transport of people with injury or illness to a place where medical care will be available</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b></p> <p>Being aware of the location of a stretcher</p> <p><b>Related referents</b></p> <p>ISO 7010-E003, ISO 7010-E013</p> <p><b>Additional information</b></p> <p>The first aid cross may be replaced with another element appropriate to cultural requirements of the target group. Test data obtained according to ISO 9186-1:2007 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> <div data-bbox="145 1615 384 1704"> <p><b>Stretcher</b></p> </div> |                                                                                     |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Reference No.</b><br><br>EES006 (ISO 7010 E027)                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Referent</b><br><br>Medical grab bag                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Function</b><br><br>To indicate the location of a medical grab bag.   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Image content</b><br><br>Bag (outlined) with handles, first aid cross |
| <p><b>Hazard</b></p> <p>Not being able to locate a medical grab bag.</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b></p> <p>Being aware of the location of a medical grab bag.</p> <p><b>Related referents</b></p> <p>ISO 7010-E003, ISO 7010-E004, ISO 7010-E009, ISO 7010-E010, ISO 7010-E011, ISO 7010-E012, ISO 7010-E013, ISO 7010-E028, ISO 7010-E029</p> <p><b>Additional information</b></p> <p>The first aid cross may be replaced with another element appropriate to cultural requirements of the target group. Test data obtained according to ISO 9186-1:2007 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> <div data-bbox="236 1738 477 1827"> <p>Medical grab bag</p> </div> |                                                                          |

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|  | Reference No.          |
|                                                                                   | EES007 (ISO 7010 E028) |
|                                                                                   | Referent               |
|                                                                                   | Oxygen resuscitator    |
|                                                                                   | Function               |
| To indicate the location of an oxygen resuscitator.                               |                        |
| Image content                                                                     |                        |
| Oxygen cylinder with manual control, hose line and mask, first aid cross.         |                        |

|                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Hazard</b>                                                                                                                                                                                                                                                                                                                                           |
| Not being able to locate an oxygen resuscitator                                                                                                                                                                                                                                                                                                         |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b>                                                                                                                                                                                                                                                      |
| Being aware of the location of a oxygen resuscitator                                                                                                                                                                                                                                                                                                    |
| <b>Related referents</b>                                                                                                                                                                                                                                                                                                                                |
| ISO 7010-E003, ISO 7010-E004, ISO 7010-E009, ISO 7010-E010, ISO 7010-E011, ISO 7010-E012, ISO 7010-E013, ISO 7010-E027, ISO 7010-E029                                                                                                                                                                                                                   |
| <b>Additional information</b>                                                                                                                                                                                                                                                                                                                           |
| The first aid cross may be replaced with another element appropriate to cultural requirements of the target group. Test data obtained according to ISO 9186-1:2007 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. |

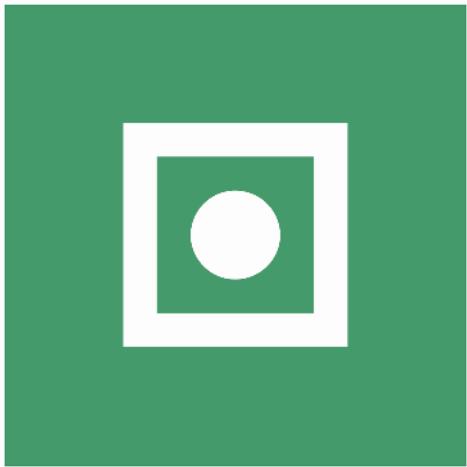
Oxygen  
resuscitator

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Reference No.</b><br><br>EES008 (ISO 7010 E029)                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Referent</b><br><br>Emergency escape breathing device                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Function</b><br><br>To indicate the location of an emergency escape breathing device (EEBD) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Image content</b><br><br>Full-face mask with regulator (front view), first aid cross        |
| <p><b>Hazard</b></p> <p>Not being able to locate an EEBD</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b></p> <p>Being aware of the location of an EEBD</p> <p><b>Related referents</b></p> <p>ISO 7010-E003, ISO 7010-E004, ISO 7010-E009, ISO 7010-E010, ISO 7010-E011, ISO 7010-E012, ISO 7010-E013, ISO 7010-E027, ISO 7010-E028</p> <p><b>Additional information</b></p> <p>The first aid cross may be replaced with another element appropriate to cultural requirements.</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> <div data-bbox="236 1639 475 1729"> <p>Emergency escape breathing device<br/>(E.E.B.D.)</p> </div> |                                                                                                |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Referent</b><br><br>Doctor                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Function</b><br>To indicate the location of a doctor, infirmary, or medical assistance. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Image content</b><br>Upper human figure with stethoscope, first aid cross               |
| <p><b>Hazard</b></p> <p>Not being able to locate a doctor, infirmary, or similar medical assistance</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b></p> <p>Being aware of the location of medical assistance.</p> <p><b>Related referents</b></p> <p>ISO 7010-E003, ISO 7010-E004, ISO 7010-E010, ISO 7010-E011, ISO 7010-E012, ISO 7010-E013</p> <p><b>Additional information</b></p> <p>The first aid cross may be replaced with another element appropriate to cultural requirements.</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> <div data-bbox="145 1563 384 1653"> <p><b>Doctor</b></p> </div> |                                                                                            |

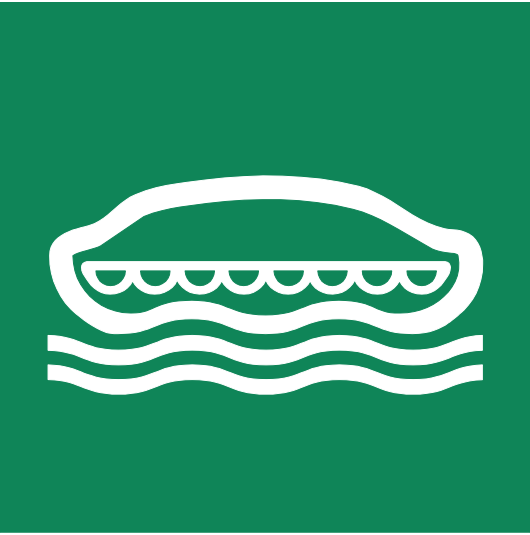
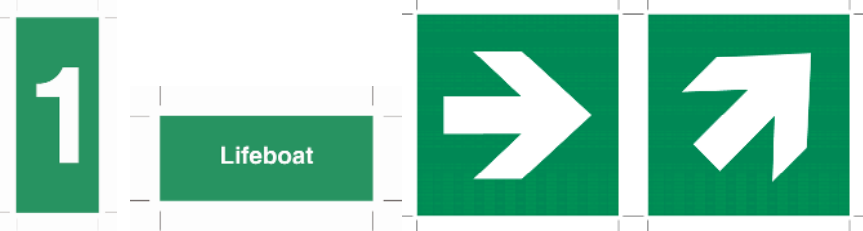
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                           |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Reference No.</b><br><br>EES010 (ISO 7010-E010)                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Referent</b><br><br>Automated external heart defibrillator                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Function</b><br>To indicate the location of an automated external heart defibrillator. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Image content</b><br>Heart with flash in the middle, first aid cross                   |
| <p><b>Hazard</b></p> <p>Not being able to locate an automated external heart defibrillator which is provided to assist in the avoidance of death from a heart attack</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b></p> <p>Being aware of the location of an automated external heart defibrillator</p> <p><b>Related referents</b></p> <p>ISO 7010-E003, ISO 7010-E010,</p> <p><b>Additional information</b></p> <p>The first aid cross may be replaced with another element appropriate to cultural requirements of the target group. Test data obtained according to ISO 9186-1:2007 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.</p> <div data-bbox="236 1742 475 1832"> Automated external heart defibrillator </div> |                                                                                           |

|                                                                                                                                                                                                                                      |                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                     | <b>Reference No.</b><br><br><b>EES011</b> (This sign was not approved for inclusion in ISO 7010 graphical symbols.) |
|                                                                                                                                                                                                                                      | <b>Referent</b><br><br><b>Safety equipment</b>                                                                      |
|                                                                                                                                                                                                                                      | <b>Function</b><br><br>To indicate the location of safety equipment [or a safety equipment locker].                 |
|                                                                                                                                                                                                                                      | <b>Image content</b><br><br>White checkmark                                                                         |
| <b>Hazard</b>                                                                                                                                                                                                                        |                                                                                                                     |
| Not being able to locate shipboard safety equipment [or a safety equipment locker]                                                                                                                                                   |                                                                                                                     |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b>                                                                                                                                   |                                                                                                                     |
| Crew being aware of the location of shipboard safety equipment                                                                                                                                                                       |                                                                                                                     |
| <b>Related referents</b>                                                                                                                                                                                                             |                                                                                                                     |
| EES004, EES005, EES006, EES007, EES009, EES010                                                                                                                                                                                       |                                                                                                                     |
| <b>Additional information</b>                                                                                                                                                                                                        |                                                                                                                     |
| 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. |                                                                                                                     |
|                                                                                                                                                   |                                                                                                                     |

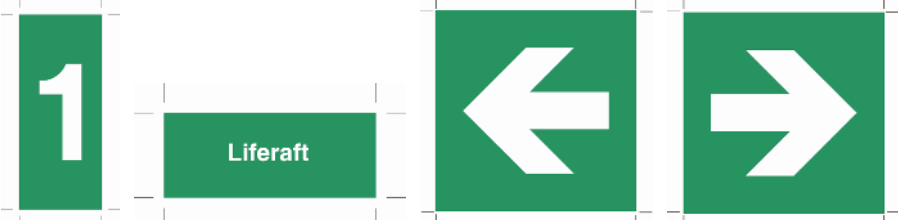
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Reference No.</b><br><br><b>EES012 (ISO 7010 E031)</b>                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Referent</b><br><br><b>Shipboard general alarm</b>                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Function</b><br><br>To indicate the location of a general alarm button on board ship. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Image content</b><br><br>Circle in a square (outlined)                                |
| <b>Hazard</b><br><br>Not being able to locate a general alarm button on board ship<br><br><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b><br><br>Crew being aware of the location of the general alarm button<br><br><b>Related referents</b><br><br>ISO 7010-F005<br><br><b>Additional information</b><br><br>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary text sign (i.e. "General alarm" or "General alarm call point") shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training. |                                                                                          |
| <div> <div>General alarm</div> <div>General alarm call point</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          |

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|                                                                                                                                                                                                                                                                                                                      | <b>Reference No.</b>                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                       | <b>EES013 (ISO 7010 E008)</b>                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Referent</b>                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Break to obtain access</b>                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Function</b>                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                       | To indicate a cover which requires breaking to obtain access to an emergency exit device. For everyday use in workplaces and public areas |
|                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Image content</b>                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                       | Human fist and lower arm (outlined) holding a bar, uneven star shape                                                                      |
| <b>Hazard</b>                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                           |
| Not being able to open an emergency exit device which is provided for evacuation in the event of an emergency                                                                                                                                                                                                                                                                                         |                                                                                                                                           |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning</b>                                                                                                                                                                                                                                                                                                    |                                                                                                                                           |
| Breaking the cover to gain access to the device that operates an emergency exit in the event of an emergency                                                                                                                                                                                                                                                                                          |                                                                                                                                           |
| <b>Related referents</b>                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                           |
| ---                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                           |
| <b>Additional information</b>                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                           |
| 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 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. |                                                                                                                                           |
| <div style="background-color: green; color: white; padding: 5px; display: inline-block;"> <b>Break to<br/>obtain access</b> </div>                                                                                                                                                                                                                                                                    |                                                                                                                                           |

Table 6 — Life saving systems and appliances signs (LSS)

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Referent</b><br><br>Lifeboat                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Function</b><br>To indicate the location of, or route to, a lifeboat.                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Image content</b><br>White silhouette lifeboat with eight becketed lifelines atop a wave pattern |
| <p><b>Hazard</b><br/>Not being able to locate the lifeboat in the event of an evacuation.</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>Being aware of the location of, or route to, a lifeboat.</p> <p><b>Related referents</b><br/>---</p> <p><b>Additional information.</b><br/>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <p>Supplementary arrow sign (type D of ISO 3864-3) in white on green to be used to give directional information. Management information panel supplementary sign with a reference letter may be used to indicate a specific lifeboat to aid in distinguishing between multiple lifeboats.</p> <div data-bbox="199 1579 1066 1809">  </div> |                                                                                                     |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Reference No.</b><br><br>LSS002 (ISO 7010 E037)                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Referent</b><br><br>Rescue boat                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Function</b><br>To indicate the location of, or route to, a rescue boat.                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Image content</b><br>Rescue boat with enclosed cabin in profile with human figure pulling another figure from water with wave pattern |
| <p><b>Hazard</b><br/>Not being able to locate the rescue boat.</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>Being aware of the location of, or route to, a rescue boat.</p> <p><b>Related referents</b><br/>---</p> <p><b>Additional information.</b><br/>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <p>Supplementary arrow sign (type D of ISO 3864-3) in white on green to be used to give directional information. Management information panel supplementary sign with a reference number may be used to indicate a specific rescue boat to aid in distinguishing between multiple rescue boats.</p> <div data-bbox="97 1547 1007 1774">  </div> |                                                                                                                                          |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Reference No.</b><br><br>LSS003 (ISO 7010 E038)                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Referent</b><br><br>Liferaft                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Function</b><br>To indicate the location of, or route to, a liferaft. |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Image content</b><br>Liferaft over wave pattern                       |
| <p><b>Hazard</b><br/>Not being able to locate a liferaft.</p> <p><b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br/>Being aware of the location of, or route to, a liferaft.</p> <p><b>Related referents</b><br/>---</p> <p><b>Additional information.</b><br/>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.</p> <p>Supplementary arrow sign (type D of ISO 3864-3) in white on green to be used to give directional information. Management information panel supplementary sign with a reference number or letter may be used to indicate a specific liferaft to aid in distinguishing between multiple liferafts..</p> <div data-bbox="196 1552 1098 1771">  </div> |                                                                          |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                | <b>Reference No.</b><br><br>LSS004 (ISO 7010 E039)                                      |
|                                                                                                                                                                                                                                                                                                                 | <b>Referent</b><br><br>Davit-launched-liferaft                                          |
|                                                                                                                                                                                                                                                                                                                 | <b>Function</b><br>To indicate the location of, or route to, a davit launched liferaft. |
|                                                                                                                                                                                                                                                                                                                 | <b>Image content</b><br>Liferaft suspended from single point davit                      |
| <b>Hazard</b><br>Not being able to locate a davit-launched liferaft.                                                                                                                                                                                                                                            |                                                                                         |
| <b>Human behaviour that is intended to be caused after understanding the safety sign's meaning:</b><br>Being aware of the location of, or route to, a davit-launched liferaft.                                                                                                                                  |                                                                                         |
| <b>Related referents</b><br>---                                                                                                                                                                                                                                                                                 |                                                                                         |
| <b>Additional information.</b><br>Test data obtained according to ISO 9186-1:2007 are not available. Consequently, a supplementary sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.                                               |                                                                                         |
| Supplementary arrow sign (type D of ISO 3864-3) in white on green to be used to give directional information. Management information panel supplementary sign with a reference number or letter may be used to indicate a specific davit-launched liferaft to aid in distinguishing between multiple liferafts. |                                                                                         |
|                                                                                                                                                                                                                              |                                                                                         |