Are your safety signs ISO 7010-compliant?

ISO 7010 Safety Signs Guide Book
Why this Guide?
Safety signs are a great solution to quickly communicate important information in the workplace where it is needed. They enable companies to be compliant with legislative requirements and, more importantly, they help to save lives.

A simple safety sign can prevent costly workplace accidents if it is clearly visible, draws attention and is easy to understand. To maximise the impact of safety signs, and to make them understood on an international level, the International Standardisation Organisation set out to create the ISO 7010 norm. That is why all safety signs in this guide are compliant with ISO 7010, and why it is advisable to comply with this norm whenever new facilities become operational, or when worn and faded safety signs are replaced.

This ISO 7010 Safety Signs Guide Book offers a checklist to compare safety signs in your facilities with ISO 7010 compliant signs. It also offers a number of options and tools to apply and even create safety signs on-site.
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The importance of ISO 7010

ISO 7010 prescribes safety signs for the purposes of accident prevention, fire protection, health hazard information and emergency evacuation.

The purpose of the ISO 7010 standard is to introduce a globally recognisable range of safety pictograms. Many of these signs will be familiar, as the ISO norm builds on older, country specific norms. Some signs however are new introductions, approved by national standardisation committees in the International Standardisation Organisation (ISO).

ISO 7010 is a norm, not a law, and in general, companies are not obliged to adopt ISO 7010 safety signs in workplaces. However, national legislation can refer to the ISO 7010 norm and when it does, ISO 7010 safety signs become mandatory, as is the case in France for example.

Because of this, government bodies in several countries already advise companies to use ISO 7010 safety signs, especially

• When new facilities need to be equipped with safety signs
• When it is time to replace old, worn or faded safety signs
5 categories of ISO 7010 safety signs

5 categories of ISO 7010 compliant signs can be identified based on specific shape and colour combinations. These categories are:

- Prohibition signs
- Mandatory signs
- Warning signs
- Fire equipment & fire action signs
- Safe condition & first aid signs

All ISO 7010 compliant signs in this booklet, are presented by category according to shape and colour.
Other signs

Not all signage is covered by the ISO 7010 norm. Next to ISO 7010 safety signs, look out for regulation on specific signage, such as:

- GHS/CLP signs on pipes and containers carrying chemical substances and mixes
- Sign regulations for specific industries and contexts, including marine and water safety
- Electrical safety signage
- Lean signage, meant to increase workplace efficiency
Prohibition signs

Prohibition signs are used to instruct staff and visitors when certain behaviours or actions are not allowed.

ISO 7010 prohibition signs always include a red circle and a red diagonal on a white background with a black standardised pictogram.

Well known signs include the no-smoking sign, no photography, not drinking water and no open flame. Many more ISO 7010 compliant signs are available and even more signs are still in use that comply with older, non-international norms.

Use the following pages to compare prohibition signs in your facility with the ISO 7010 compliant prohibition signs.

Every sign is shown with a short explanation and its official ISO 7010 number.
Prohibition signs

General prohibition sign*  P001
No smoking  P002
No open flame; Fire, open ignition source and smoking prohibited  P003
No thoroughfare  P004
Not drinking water  P005
No access for fork lift trucks and other industrial vehicles  P006
No access for people with active implanted cardiac devices  P007
No metallic articles or watches  P008
No climbing  P009
Do not touch  P010
Do not extinguish with water  P011
No heavy load  P012
No activated mobile phones  P013
No access for persons with metallic implants  P014
No reaching in  P015
Do not spray with water  P016
No pushing  P017
No sitting  P018

*Can only be used with an accompanying prohibition message
Prohibition signs

- Do not leave the tow-track (P037)
- Do not swing the chair (P038)
- Hot works prohibited (P039)
- Do not set off fireworks (P040)
- No leaning against (P041)
- Not for pregnant women (P042)
- Not for people in the state of intoxication (P043)
- Use of smart glasses prohibited (P044)
- No campfire (P045)
- Do not stretch out of toboggan (P046)
- Do not ram into toboggan (P047)
- No running (P048)
- No swimming (P049)
- No snorkelling (P050)
- No sub-aqua diving (P051)
- No diving (P052)
- No sailing (P053)
- No windsurfing (P054)
Prohibition signs

- No manually powered craft
  - P055
- No mechanically powered craft
  - P056
- No personal water craft
  - P057
- No towed water activity
  - P058
- No surf craft
  - P059
- No outdoor footwear
  - P060
- No jumping into water
  - P061
- No pushing into water
  - P062
- No body boarding
  - P063
- No surfing between the red-and-yellow flags
  - P064
- No kite surfing
  - P065
- No parasailing
  - P066
- No sand yachting
  - P067
- Do not expose to direct sunlight or hot surface
  - P068
- Not to be serviced by users
  - P069
- Do not put finger into the nozzle of a hydromassage
  - P070
- Do not cross barrier
  - P071
- No jumping down
  - P072
Mandatory signs

Mandatory signs are used to indicate that a particular course of action must be undertaken.

ISO 7010 mandatory signs always include a white circle on a blue background with a standardised white pictogram.

Well known signs include ‘wear eye protection’, ‘wear ear protection’, ‘wear protective gloves’ and ‘wear a mask’. Many more ISO 7010 compliant signs are available and even more signs are still in use that comply with older, non-international norms.

Use the following pages to compare mandatory signs in your facility with the ISO 7010 compliant mandatory signs.

Every sign is shown with a short explanation and its official ISO 7010 number.
Mandatory signs

- General mandatory sign (M001*)
- Refer to instruction manual/booklet (M002)
- Wear ear protection (M003)
- Wash your hands (M004)
- Connect an earth terminal to the ground (M005)
- Disconnect mains plug from electrical outlet (M006)
- Opaque eye protection must be worn (M007)
- Wear safety footwear (M008)
- Wear protective gloves (M009)
- Wear protective clothing (M010)
- Wash your hands (M011)
- Use handrail (M012)
- Wear face shield (M013)
- Wear head protection (M014)
- Wear high visibility clothing (M015)
- Wear a mask (M016)
- Wear respiratory protection (M017)
- Wear safety harness (M018)

*Can only be used with an accompanying mandatory message
Mandatory signs

- Close and secure hatches in launch sequence
  M037
- Start engine in launch sequence
  M038
- Lower lifeboat to the water in launch sequence
  M039
- Lower liferaft to the water in launch sequence
  M040
- Lower rescue boat to the water in launch sequence
  M041
- Release falls in launch sequence
  M042
- Start water spray in launch sequence
  M043
- Start air supply in launch sequence
  M044
- Release lifeboat gripes in launch sequence
  M045
- Secure gas cylinders
  M046
- Use self-contained breathing appliance
  M047
- Use gas detector
  M048
- Wear protective roll sport equipment
  M049
- Alighting from toboggan to the left
  M050
- Alighting from toboggan to the right
  M051
- Keep distances
  M052
- Wear personal flotation devices
  M053
- Keep children under supervision in the aquatic environment
  M054
Mandatory signs

Keep out of reach of children
M055
Warning signs

Warning signs are used to identify potential hazards in order to warn visitors and staff to be cautious.

ISO 7010 warning signs always include a black triangle on a yellow background with a standardised black pictogram.

Well known signs include the general warning sign, the forklift traffic warning sign, the slippery surface warning sign and the toxic material warning sign. Many more ISO 7010 compliant signs are available and even more signs are still in use that comply with older, non-international norms.

Use the following pages to compare warning signs in your facility with the ISO 7010 compliant warning signs. Every sign is shown with a short explanation and its official ISO 7010 number.
Warning signs

General sign W001
Explosive material W002
Radioactive material or ionizing radiation W003
Laser beam W004
Non-ionizing radiation W005
Magnetic field W006

Floor level obstacle W007
Drop (fall) W008
Biological hazard W009
Low temperature/freezing conditions W010
Slippery surface W011
Electricity W012

Guard dog W013
Fork lift trucks and other industrial vehicles W014
Overhead load W015
Toxic material W016
Hot surface W017
Automatic start-up W018

*Can only be used with an accompanying warning message
Warning signs

- Run over by remote operator controlled machine
- Sudden loud noise
- Falling ice
- Roof avalanche
- Asphyxiating atmosphere
- Warning Arc flash
- Warning Thin ice
- Warning Slipway
- Warning Towed water activity area
- Warning Surf craft area
- Warning: Deep water
- Warning Shallow water
- Warning Submerged objects
- Warning; Sudden drop in swimming or leisure pools
- Warning Unprotected edges
- Warning Unstable cliff edge
- Warning: Unstable cliff
- Warning Sharks
Warning signs

Warning Sewage effluent outfall
W055

Warning Tsunami hazard zone
W056

Warning Strong currents
W057

Warning Boating area
W058

Warning Sand yachting
W059

Warning Incoming tides
W060

Warning Quicksand or mud/deep mud or silt
W061

Warning Kite surfing
W062

Warning Parasailing
W063

Warning Strong winds
W064

Warning High surf or large breaking waves
W065

Warning Deep shelving beach
W066

Warning Crocodiles, alligators or caymans
W067

Warning; Falling into water when stepping on or off a floating surface
W068

Warning; Jellyfish
W069

Warning; Step down
W070

Warning; Substance or mixture presenting a health hazard
W071

Warning; Substance or mixture that can cause an environmental hazard
W072
Safety sign reading distance

How large a safety sign should be, depends on the distance people should be able to see it from. The diagram opposite shows potential pictogram dimensions to meet European Directives as closely as possible. Photoluminescent signs must be used where natural lighting is inadequate, especially to mark exits and emergency exits.

Safety colours and shapes

Colour and geometric coding are extremely important for signage and safety. Specific colours warn about immediate danger to trigger a reflex to avoid it. Combining a colour and a shape conveys a message, for example, the red circle is used for prohibition, the yellow triangle for hazards and a green square is an emergency route or a first aid instrument. The red square indicates a fire-fighting tool and a blue circular sign is used to communicate an obligation.
Brady also offers all ISO 7010 safety signs in photoluminescent ‘glow-in-the-dark’ materials. That means all signs in your facility will light up when everything else goes dark, in the event of a fire for example.
Fire equipment & fire action signs

Fire equipment & fire action signs are used to quickly identify fire exits and fire equipment.

ISO 7010 fire equipment & fire action signs always include a white square on a red background with a standardised white pictogram and an additional standardised ‘flame’ pictogram.

Well known signs include the fire extinguisher sign, the fire alarm call point sign and the fire ladder sign. Many more ISO 7010 compliant signs are available and even more signs are still in use that comply with older, non-international norms.

Use the following pages to compare fire equipment & fire action signs in your facility with the ISO 7010 compliant fire equipment & fire action signs.

Every sign is shown with a short explanation and its official ISO 7010 number.
Fire equipment & fire action signs

- Fire extinguisher (F001)
- Fire hose reel (F002)
- Fire ladder (F003)
- Collection of fire-fighting equipment (F004)
- Collection of fire-fighting equipment (F004B*)
- Fire alarm call point (F005)
- Fire emergency telephone (F006)
- Fire protection door (F007)
- Fixed fire extinguishing battery (F008)
- Wheeled fire extinguisher (F009)
- Portable foam applicator unit (F010)
- Water fog applicator (F011)
- Fixed fire extinguisher installation (F012)
- Fixed fire extinguisher bottle (F013)
- Remote release station (F014)
- Fire monitor (F015)
- Fire blanket (F016)
- Direction arrow 45°/90°, to the right (A045R*/A090R*)

*This sign is an official counterpart to F004 and shows a fire fighting helmet more common in France.

*Both A045R and A090R arrows are not official ISO 7010 signs, but can be used in combination with an ISO 7010 fire equipment & fire action sign.
Fire equipment & fire action signs

Firefighters’ lift
F017

Unconnected fire hose
F019
Safe condition & first aid signs

Safe condition & first aid signs are used to indicate where emergency exits and safety & health equipment can be found.

ISO 7010 safe condition & first aid signs always include a white square on a green background with a standardised white pictogram.

Well known signs include the heart defibrillator sign, the eyewash station sign, the evacuation assembly point sign and emergency exit signs. Many more ISO 7010 compliant signs are available and even more signs are still in use that comply with older, non-international norms.

Use the following pages to compare safe condition & first aid signs in your facility with the ISO 7010 compliant safe condition & first aid signs signs.

Every sign is shown with a short explanation and its official ISO 7010 number.
Safe condition & first aid signs

Emergency exit (left)
A0/E001
A180/E001
A225/E001

Emergency exit (right)
E002
E002/A0
E002/A135
E002/A180
E002/A45
E002/A90

Direction arrow 45°, top right corner
A045°

Direction arrow 90°, to the right
A090°

Evacuation assembly point
A270/E007

*Both A045 and A090 arrows are not official ISO 7010 signs, but can be used in combination with an ISO 7010 safe condition & first aid sign
Safe condition & first aid signs

- First aid: E003
- Emergency telephone: E004
- Evacuation assembly point: E007
- Break to obtain access: E008
- Doctor: E009
- Automated external heart defibrillator: E010
- Eyewash station: E011
- Safety shower: E012
- Stretcher: E013
- Child seat presence and orientation detection system (CPOD): E014
- Drinking water: E015
- Emergency window with escape ladder (left): E016
- Emergency window with escape ladder (right): E016B
- Emergency window: E016C
- Rescue window: E017
- Turn anticlockwise to open: E018
- Turn clockwise to open: E019
- Emergency stop button: E020

*E016B & C are not officially in the ISO-norm, but are a practical adaptation from E016.*
Safe condition & first aid signs

- Protection Shelter (E021)
- Door opens by pushing on the left-hand side (E022)
- Door opens by pushing on the right-hand side (E023)
- Evacuation temporary refuge (E024)
- Emergency Hammer (E025)
- Emergency exit for people unable to walk or with walking impairment (left) (E026)
- Medical grab bag (E027)
- Oxygen resuscitator (E028)
- Emergency escape breathing device (E029)
- Emergency exit for people unable to walk or with walking impairment (right) (E030)
- Shipboard general alarm (E031)
- Shipboard assembly station (E032)
- Door slides right to open (E033)
- Door slides left to open (E034)
- Lifer raft knife (E035)
- Lifeboat (E036)
- Rescue boat (E037)
- Lifer raft (E038)
Safe condition & first aid signs

- Davit-launched liferaft
  - E039

- Lifebuoy
  - E040

- Lifebuoy with line
  - E041

- Lifebuoy with light
  - E042

- Lifebuoy with line and light
  - E043

- Lifejacket
  - E044

- Child’s lifejacket
  - E045

- Infant’s lifejacket
  - E046

- Search and rescue transponder
  - E047

- Survival craft distress signal
  - E048

- Rocket parachute flare
  - E049

- Line-throwing appliance
  - E050

- Two-way VHF radiotelephone apparatus
  - E051

- Emergency position indicating radio beacon
  - E052

- Embarkation ladder
  - E053

- Marine evacuation slide
  - E054

- Marine evacuation chute
  - E055

- Survival clothing
  - E056
Safe condition & first aid signs

- Door opens by pulling on the left-hand side
  - E057
- Door opens by pulling on the right-hand side
  - E058
- Escape ladder
  - E059
- Evacuation chair
  - E060
- Water life-saving equipment
  - E061
- Tsunami evacuation area
  - E062
- Tsunami evacuation building
  - E063
- First aid responder
  - E064
- Evacuation mattress
  - E067
- Lifebuoy with light and smoke
  - E068
- Person overboard call point
  - E069
Durable sign materials

Brady offers all ISO 7010 compliant safety signs on a wide range of durable materials that can endure challenging industrial environments.

Sign materials include vinyl, laminated polyester, polypropylene, rigid PVC, aluminium and photoluminescent ‘glow-in-the-dark’ materials for optimal durability indoor and outdoor, in washdown, high heat or chemical environments and for off-shore applications.

On top of this, Brady offers all ISO 7010 safety signs in various sizes and formats, including:

- self-adhesive signs
- non-adhesive signs
- combined with rigid PVC boards to easily apply adhesive signs
- combined with rigid safety sign slider boards to easily apply adhesive signs and switch out signs when necessary

Discover all our safety signs!

Click or scan the QR-code
Design your own safety signs

To design your own safety signs with a combination of official ISO 7010 pictograms and custom safety messages, Brady offers the freely downloadable Brady Workstation app environment. Brady Workstation includes apps to easily design any safety sign for printing with a Brady printer.

Once the free app environment has been downloaded, users can select the apps they need and activate a 30 day-free trial per app.

Try Brady Workstation!

Click or scan the QR-code
Print your own labels, tags & signs

Safety printers enable you to print durable safety signs, pipe markers and even safe work procedures on-site and on demand. On-site identification printing capabilities eliminate the need to store various safety signs for future use. With a few consumables, you can print any sign you need, when you need it.

Brady offers specialised thermal transfer and inkjet printers to create mono- , multi and full colour safety signs and pipe markers in various sizes with durable materials for both in- and outdoor use.

Discover our safety printers!

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