BRADY

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:

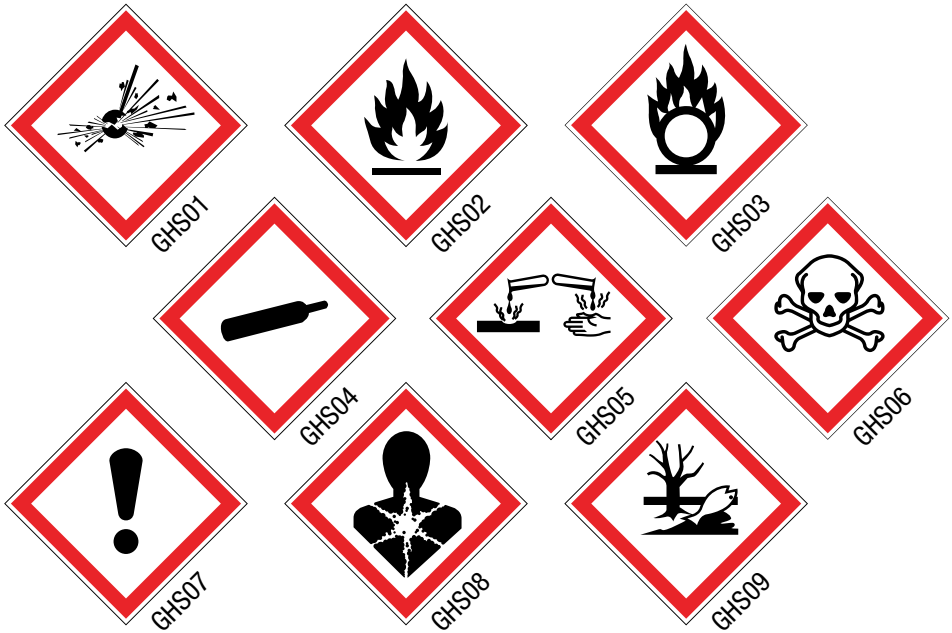
- Prohibition signs
- Mandatory signs
- Warning signs
- Fire equipment & fire action signs
- Safe condition & first aid signs

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

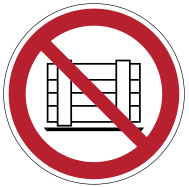
Prohibition signs

No stepping on surface
P019

Do not use lift in the event of fire
P020

No dogs
P021

No eating or drinking
P022



Do not obstruct
P023

Do not walk or stand here
P024

Do not use this incomplete scaffold
P025

Do not use this device in a bathtub, shower or water-filled reservoir
P026

Do not use this lift for people
P027

Do not wear gloves
P028

No photography
P029

Do not tie knots in rope
P030

Do not alter the state of the switch
P031

Do not use for face grinding
P032

Do not use for wet grinding
P033

Do not use with hand-held grinding machine
P034

Do not wear metal-studded footwear
P035

No children allowed
P036

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

Prohibition signs

Do not shut lid when burners are operating
P073

Child seat installation prohibited
P074

Do not stare at light source
P075

No skiing
P076

No snowboarding
P077

No tobogganing or sledding
P078

No ice skating
P079

No access for unauthorised persons
P080

Do not cover appliance
P081

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

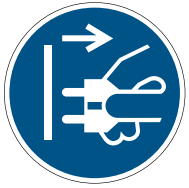
General mandatory sign
M001*

Refer to instruction manual/booklet
M002

Wear ear protection
M003

Wear eye protection
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

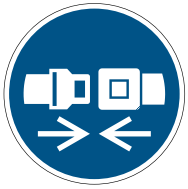
Wear respiratory protection
M017

Wear safety harness
M018

*Can only be used with an accompanying mandatory message

Mandatory signs

Wear welding mask
M019



Wear safety belts
M020

Disconnect before carrying out maintenance or repair
M021

Use barrier cream
M022

Use footbridge
M023

Use this walkway
M024

Infants must be protected with opaque eye protection
M025

Use protective apron
M026

Check guard
M027

Keep locked
M028

Sound horn
M029

Use litter bin
M030

Use table saw adjustable guard
M031

Wear anti-static footwear
M032

Close safety bar of chairlift
M033

Open safety bar of chairlift
M034

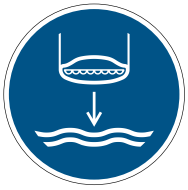
Immediately leave the tow-track in the event of falling
M035

Lift ski tips
M036

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

Ventilate before and during entering
M056

Ensure continuous ventilation
M057

Entry only with supervisor outside
M058

Wear laboratory coat
M059

Hold the trolley handle
M060

Disinfect your hands
M061

Disinfect surface
M062

Remove ski pole strap from wrist
M063

Hold two ski poles with a single hand
M064

Children must be accompanied
M065

Wear a sports helmet
M066

Wear snow goggles
M067

Lock mechanical moving parts
M068

Tools must be tethered
M069

Use lamp in luminaire with shield
M070

Use anti-tip restraints
M071

Use decontamination shower
M072

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

Crushing
W019

Overhead obstacles
W020

Risk of fire/Flammable materials
W021

Sharp elements
W022

Corrosive substance
W023

Crushing of hands
W024

Counter rotating rollers
W025

Battery charging
W026

Optical radiation
W027

Oxidizing substance
W028

Pressurised cylinder
W029

Hand crushing between press brake tool
W030

Hand crushing between press brake tool
W031

Rapid movement of workpiece in press brake
W032

Barbed wire
W033

Bull
W034

Falling objects
W035

Fragile roof
W036

Warning signs

Run over by remote operator controlled machine
W037

Sudden loud noise
W038

Falling ice
W039

Roof avalance
W040

Asphyxiating atmosphere
W041

Warning Arc flash
W042

Warning Thin ice
W043

Warning Slipway
W044

Warning Towed water activity area
W045

Warning Surf craft area
W046

Warning; Deep water
W047

Warning Shallow water
W048

Warning Submerged objects
W049

Warning; Sudden drop in swimming or leisure pools
W050

Warning Unprotected edges
W051

Warning Unstable cliff edge
W052

Warning; Unstable cliff
W053

Warning Sharks
W054

Warning signs

Warning Sewage effluent outfall
W055

Warning Tsunami hazard zone
W056

Warning Strong currents
W057

Warning Boating area
W058

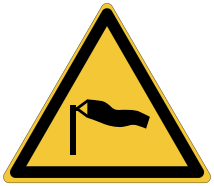
Warning Sand yachting
W059

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

Warning signs

Warning Large scale fire zone
W073

Warning Tornado zone
W074

Warning Active volcano zone
W075

Warning Debris flow zone
W076

Warning Flood zone
W077

Warning Landslide zone
W078

Warning Hot content
W079

Warning Hot steam
W080

Warning Crevasses under snow
W082

Warning Avalanche
W083

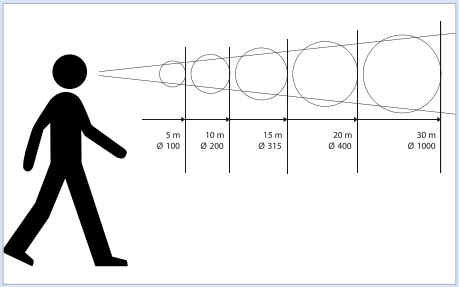
Warning Thunderstorm
W084

Warning Typhoon/ hurricane/cyclone
W085

Warning High sound volume levels
W087

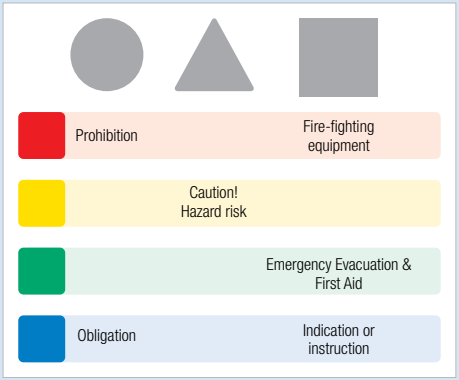
Warning Moving blades
W088

Warning Moving gears
W089



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.

Signs in photolum

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

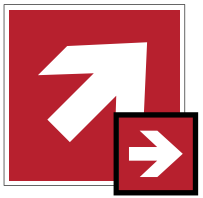
Fixed fire extinguisher installation
F012

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

Fire alarm flashing light
F018

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.

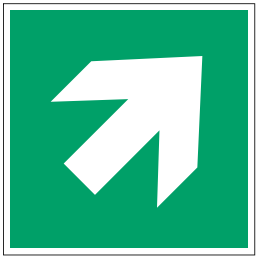
Use the following pages to compare safe condition & first aid signs in your facility with the ISO 7010 compliant safe condition & first aid signs signs.

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

Safe condition & first aid signs

Emergency exit (left)
E001

Emergency exit (right)
E002



Direction arrow 45°, top right corner
A045*

Direction arrow 90°, to the right
A090*

Emergency exit (left)
A0/E001

Emergency exit (left)
A180/E001

Emergency exit (left)
A225/E001

Emergency exit (left)
A270/E001

Evacuation assembly point
A270/E007

Emergency exit (left)
A315/E001

Emergency exit (right)
E002/A0

Emergency exit (right)
E002/A135

Emergency exit (right)
E002/A180

Emergency exit (right)
E002/A45

Emergency exit (right)
E002/A90

*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

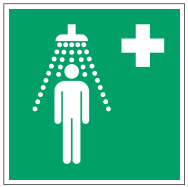
Evacuation assembly point
E007

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 dectection 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

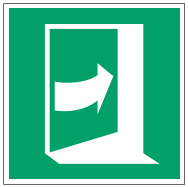
Emergency stop button
E020

*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

Emergency exit for people unable to walk or with walking impairment (left)
A270/E026

Emergency exit for people unable to walk or with walking impairment (left)
A225/E026

Emergency exit for people unable to walk or with walking impairment (left)
A315/E026

Emergency exit for people unable to walk or with walking impairment (left)
A0/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

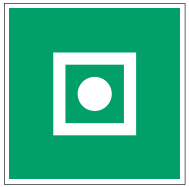
Emergency exit for people unable to walk or with walking impairment (right)
E030/A090

Emergency exit for people unable to walk or with walking impairment (right)
E030/A135

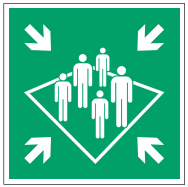
Emergency exit for people unable to walk or with walking impairment (right)
E030/A045

Emergency exit for people unable to walk or with walking impairment (right)
E030/A180

Safe condition & first aid signs

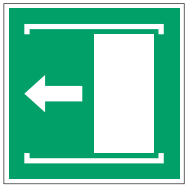


Shipboard general alarm
E031



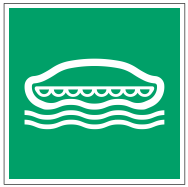
Shipboard assembly station
E032

Door slides right to open
E033



Door slides left to open
E034

Liferaft knife
E035



Lifeboat
E036

Rescue boat
E037

Liferaft
E038

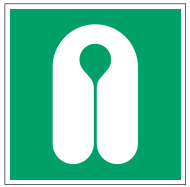
Davit-launched liferaft
E039

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

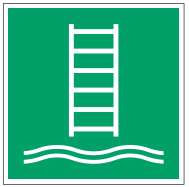
Safe condition & first aid signs

Rocket parachute flare
E049

Line-throwing appliance
E050

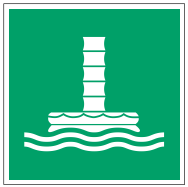
Two-way VHF radiotelephone apparatus
E051

Emergency position indicating radio beacon
E052



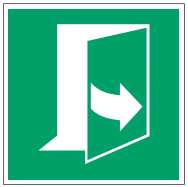
Embarkation ladder
E053

Marine evacuation slide
E054

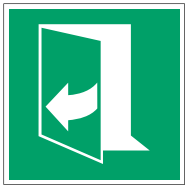


Marine evacuation chute
E055

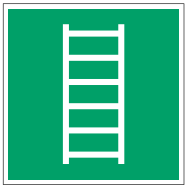
Survival clothing
E056



Door opens by pulling on the left-hand side
E057

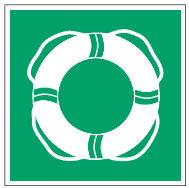


Door opens by pulling on the right-hand side
E058



Escape ladder
E059

Evacuation chair
E060



Water life-saving equipment
E061

Tsunami evacuation area
E062

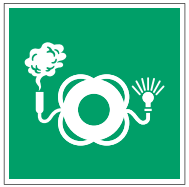
Tsunami evacuation building
E063

First aid responder
E064

Natural disaster outdoor refuge area
E065

Evacuation mattress
E067

Safe condition & first aid signs

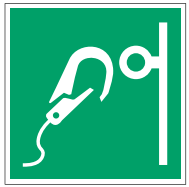


Lifebuoy with light and smoke
E068

Person overboard call point
E069

Evacuation lift for people unable to use stairs
E070

Rescue toboggan
E071



Safe anchorage point
E072

Emergency descend device
E073

Emergency rations
E074

Lifeguard
E075

Emergency equipment
E076

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.

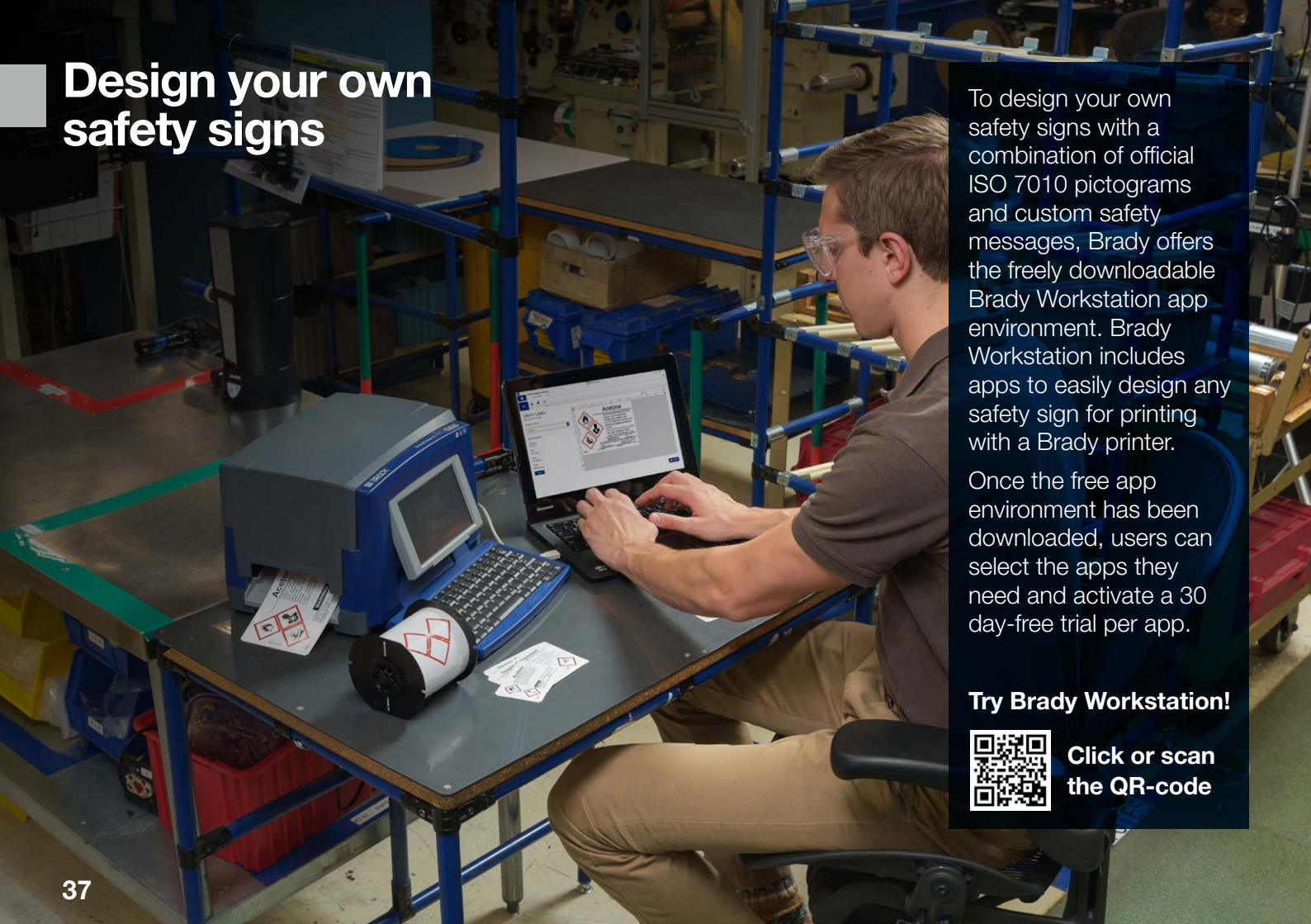
On top of this, Brady offers all ISO 7010 safety signs in various sizes and formats, including:

- 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!

Click or scan the QR-code

BBP85 Label Printer

S3700 Label Printer

BradyJet J4000 Colour Label Printer

BradyJet J7300 Colour Label Printer

S3100 Label Printer

i4311 Label Printer

i3300 Label Printer

M710 Label Printer

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