



**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.



**NO SMOKING
NO FLAMES
NO SPARKS**

**PERSONAL PROTECTIVE
EQUIPMENT REQUIRED
IN COKING UNITS**



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

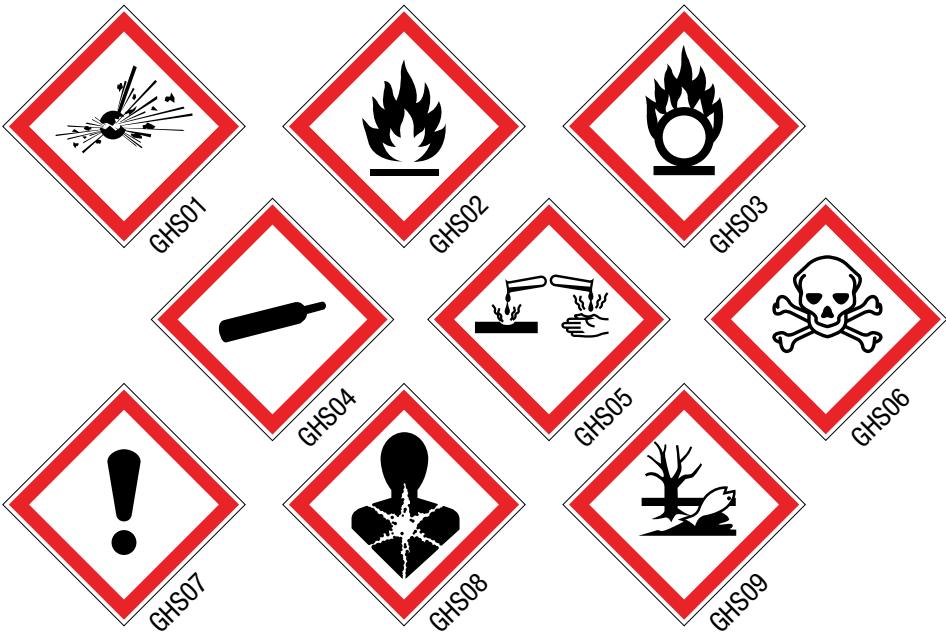
All ISO 7010 compliant signs in this booklet, are presented by category according to shape and colour.



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

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*



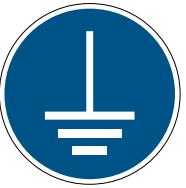
Refer to instruction
manual/booklet
M002



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

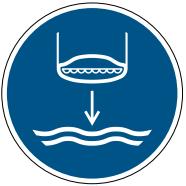
Mandatory signs



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

Warning signs

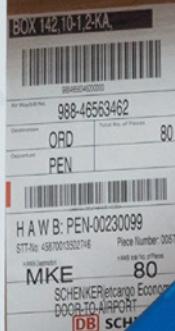
Warning signs are used to identify potential hazards in order to warn visitors and staff to be cautious.

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



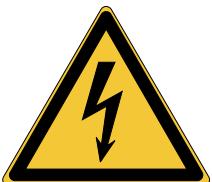
Biological hazard
W009



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 avalanche
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



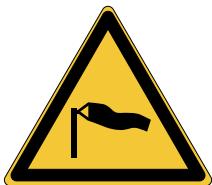
Warning Quicksand or
mud/deep mud or silt
W061



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



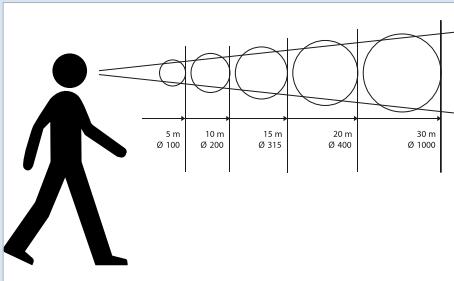
Warning; Step down
W070



Warning; Substance or
mixture presenting a health
hazard
W071

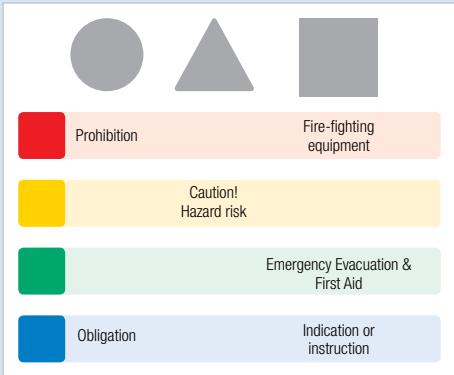


Warning; Substance or
mixture that can cause an
environmental hazard
W072



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 photoluminescent



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



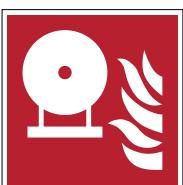
Portable foam applicator unit
F010



Water fog applicator
F011



Fixed fire extinguisher installation
F012



Fixed fire extinguisher bottle
F013



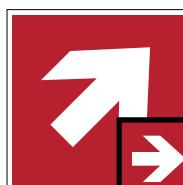
Remote release station
F014



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)
E001



Emergency exit (right)
E002



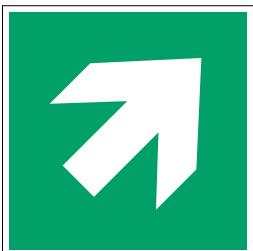
Emergency exit (left)
A0/E001



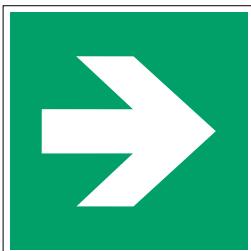
Emergency exit (left)
A180/E001



Emergency exit (left)
A225/E001



Direction arrow 45°, top right corner
A045*



Direction arrow 90°, to the right
A090*



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



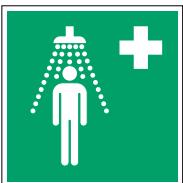
Doctor
E009



Automated external heart defibrillator
E010



Eyewash station
E011



Safety shower
E012



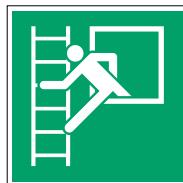
Stretcher
E013



Child seat presence and
orientation detection
system (CPOD)
E014



Drinking water
E015



Emergency window with
escape ladder (left)
E016



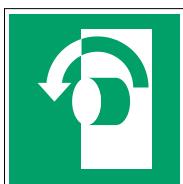
Emergency window with
escape ladder (right)
E016B*



Emergency window
E016C*



Rescue window
E017



Turn anticlockwise to open
E018



Turn clockwise to open
E019



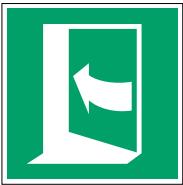
Emergency stop button
E020

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

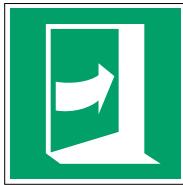
Safe condition & first aid signs



Protection Shelter
E021



Door opens by pushing on
the left-hand side
E022



Door opens by pushing on
the right-hand side
E023



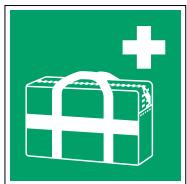
Evacuation temporary
refuge
E024



Emergency Hammer
E025



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



Medical grab bag
E027



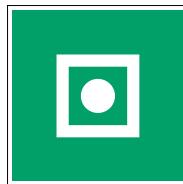
Oxygen resuscitator
E028



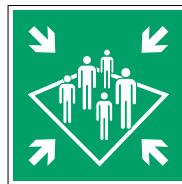
Emergency escape
breathing device
E029



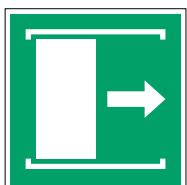
Emergency exit for people
unable to walk or with
walking impairment (right)
E030



Shipboard general alarm
E031



Shipboard assembly
station
E032



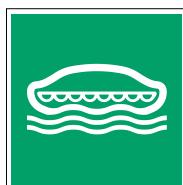
Door slides right to open
E033



Door slides left to open
E034



Liferaft knife
E035



Lifeboat
E036



Rescue boat
E037



Liferaft
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



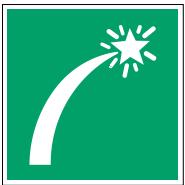
Child's lifejacket
E045



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

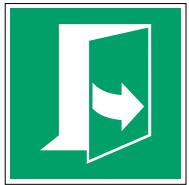


Marine evacuation chute
E055

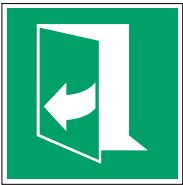


Survival clothing
E056

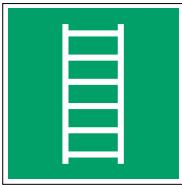
Safe condition & first aid signs



Door opens by pulling on
the left-hand side
E057



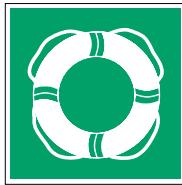
Door opens by pulling on
the right-hand side
E058



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:

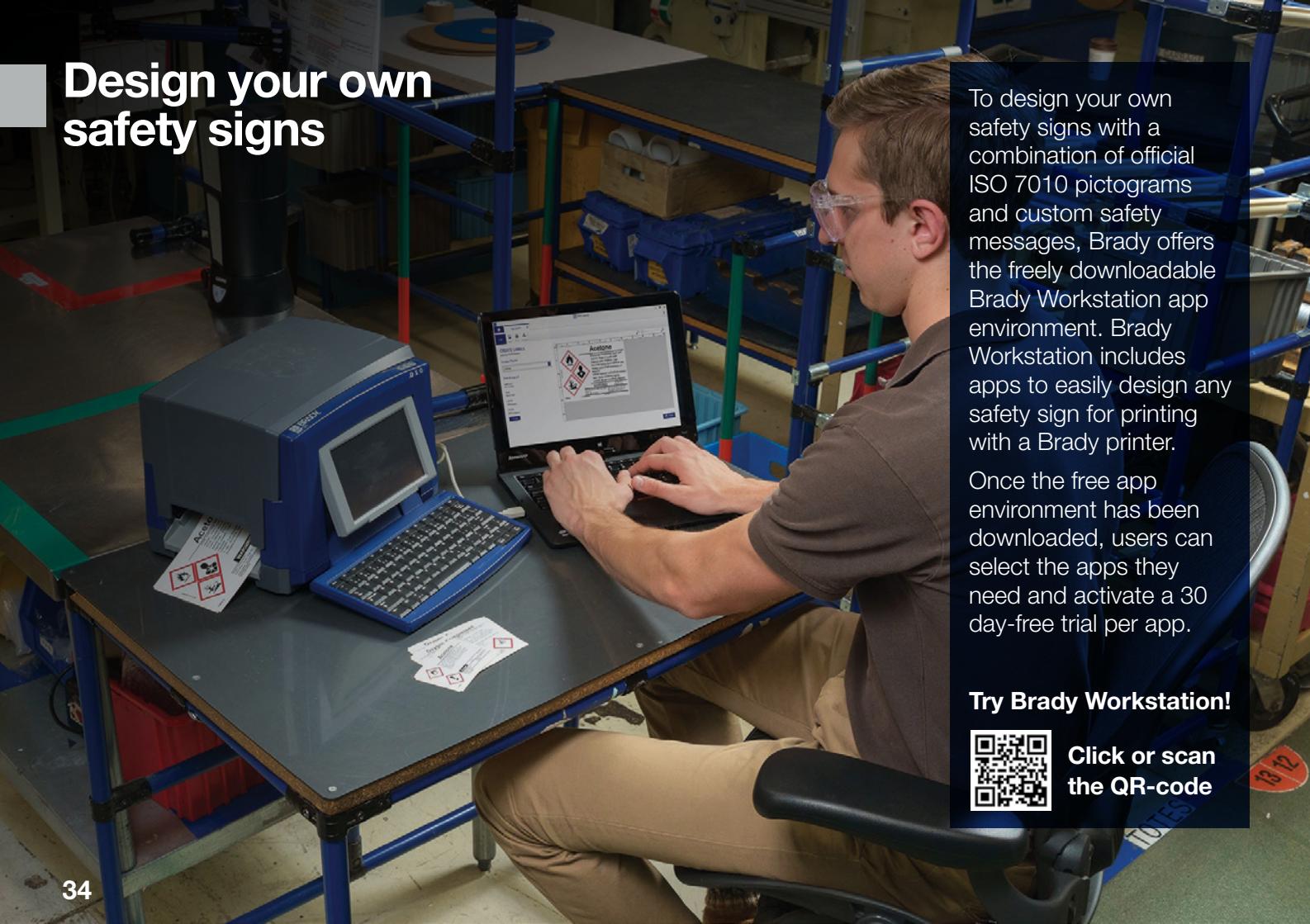
- self-adhesive signs
- non-adhesive signs
- combined with rigid PVC boards to easily apply adhesive signs
- combined with rigid safety sign slider boards to easily apply adhesive signs and switch out signs when necessary

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!



Click or scan
the QR-code



BBP85 Label Printer



BBP37 Label Printer



BradyJet J5000
Colour Label Printer



BMP71 Label Printer



S3100 Label Printer



BradyJet J2000
Colour Label Printer



BBP33 Label Printer

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products and premises.**

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