



**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**



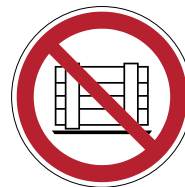
Do not use lift in the event  
of fire  
**P020**



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**



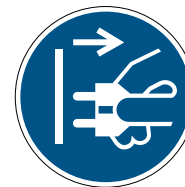
Wear ear protection  
**M003**



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**



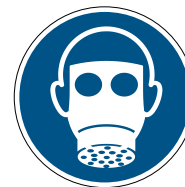
Wear head protection  
**M014**



Wear high visibility clothing  
**M015**



Wear a mask  
**M016**



Wear respiratory protection  
**M017**



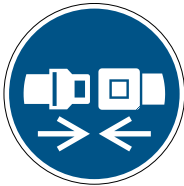
Wear safety harness  
**M018**

\*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**

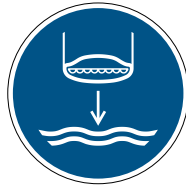
# Mandatory signs



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**



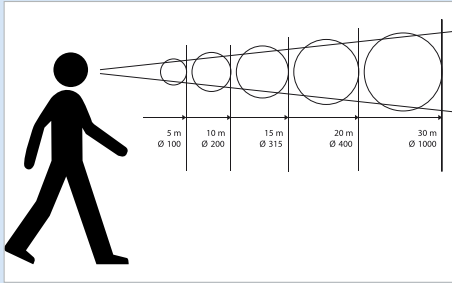
Warning; Step down  
**W070**



Warning; Substance or mixture presenting a health hazard  
**W071**

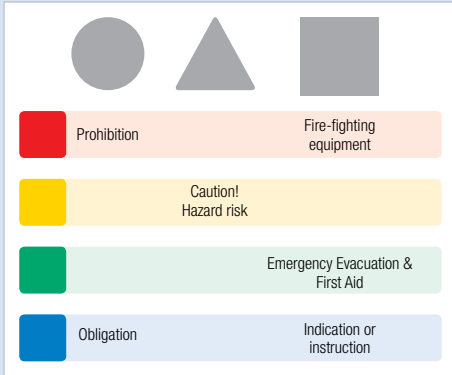


Warning; Substance or mixture that can cause an environmental hazard  
**W072**



## 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 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**



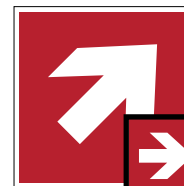
Remote release station  
**F014**



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**



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.



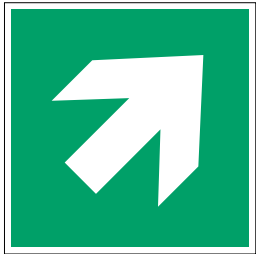
# Safe condition & first aid signs



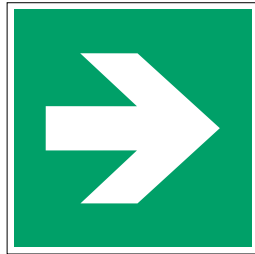
Emergency exit (left)  
**E001**



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

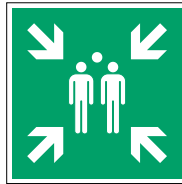
# Safe condition & first aid signs



First aid  
**E003**



Emergency telephone  
**E004**



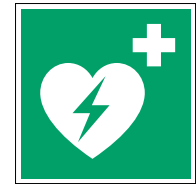
Evacuation assembly point  
**E007**



Break to obtain access  
**E008**



Doctor  
**E009**



Automated external heart  
defibrillator  
**E010**



Eyewash station  
**E011**



Safety shower  
**E012**



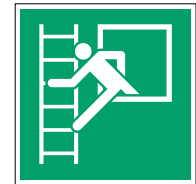
Stretcher  
**E013**



Child seat presence and  
orientation detection system (CPOD)  
**E014**



Drinking water  
**E015**



Emergency window with  
escape ladder (left)  
**E016**



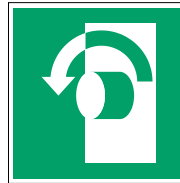
Emergency window with  
escape ladder (right)  
**E016B\***



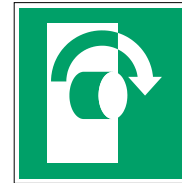
Emergency window  
**E016C\***



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.

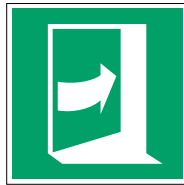
# Safe condition & first aid signs



Protection Shelter  
**E021**



Door opens by pushing on  
the left-hand side  
**E022**



Door opens by pushing on  
the right-hand side  
**E023**



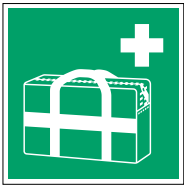
Evacuation temporary  
refuge  
**E024**



Emergency Hammer  
**E025**



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



Medical grab bag  
**E027**



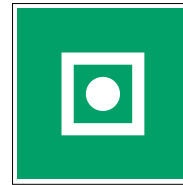
Oxygen resuscitator  
**E028**



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**



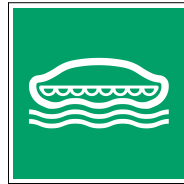
Door slides right to open  
**E033**



Door slides left to open  
**E034**



Liferaft knife  
**E035**



Liferaft  
**E036**



Rescue boat  
**E037**



Liferaft  
**E038**

# Safe condition & first aid signs



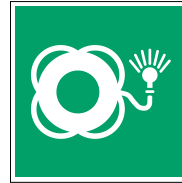
Davit-launched liferaft  
**E039**



Lifebuoy  
**E040**



Lifebuoy with line  
**E041**



Lifebuoy with light  
**E042**



Lifebuoy with line and light  
**E043**



Lifejacket  
**E044**



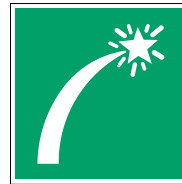
Child's lifejacket  
**E045**



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**

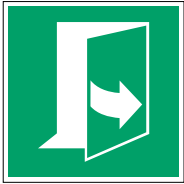


Marine evacuation chute  
**E055**

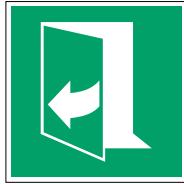


Survival clothing  
**E056**

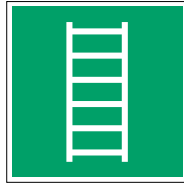
# Safe condition & first aid signs



Door opens by pulling on the left-hand side  
**E057**



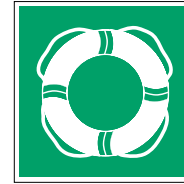
Door opens by pulling on the right-hand side  
**E058**



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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**We identify and protect people,  
products and premises.**

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