# INTERNATIONAL STANDARD

**ISO** 7010

Second edition 2011-06-01 **AMENDMENT 1** 2012-04-15

# **Graphical symbols — Safety colours and safety signs — Registered safety signs**

# **AMENDMENT 1**

Symboles graphiques — Couleurs de sécurité et signaux de sécurité — Signaux de sécurité enregistrés

AMENDEMENT 1



ISO 7010:2011/Amd.1:2012(E)



# **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2012

Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

# **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 7010:2011 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification*, *signs*, *shapes*, *symbols and colours*.

# Graphical symbols — Safety colours and safety signs — Registered safety signs

# **AMENDMENT 1**

IMPORTANT — The colours represented in the electronic file of this document can be neither viewed on screen nor printed as true representations. Although the copies of this document printed by ISO have been produced to correspond (with an acceptable tolerance as judged by the naked eye) to the requirements of ISO 3864-4, it is not intended that these printed copies be used for colour matching. Instead consult ISO 3864-4 which provides colorimetric and photometric properties together with, as a guideline, references from colour order systems.

# Add the following safety signs:

- M028: Keep locked
- M029: Sound horn
- M030: Use litter bin
- M031: Use table saw adjustable guard
- M032: Wear anti-static footwear
- P016: Do not spray with water
- W030: Warning; Hand crushing between press brake tool
- W031: Warning; Hand crushing between press brake and material
- W033: Warning; Barbed wire
- W034: Warning; Bull
- W035: Warning; Falling objects

# Safety sign M028: Keep locked



#### Reference No.

#### ISO 7010-M028

#### Referent

# Keep locked

#### **Function**

To signify that a cabinet or facility must be kept locked

#### **Image content**

Padlock with keyhole and four complete chain links and two pieces

#### Hazard

Access to harmful substances or equipment

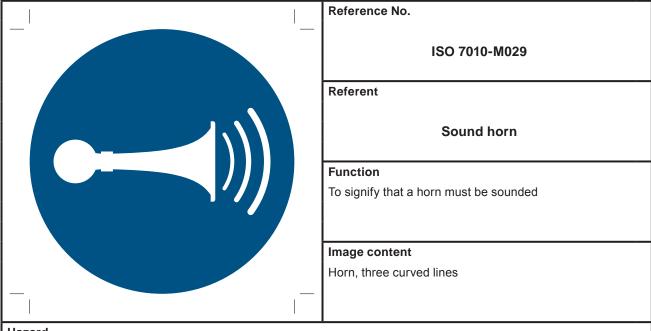
#### Human behaviour that is intended to be caused after understanding the safety sign's meaning

Ensuring that cabinets or facilities containing harmful substances or equipment are kept locked

# **Related referents**

# **Additional information**

# Safety sign M029: Sound horn



#### Hazard

Collision with another vehicle or with people

Human behaviour that is intended to be caused after understanding the safety sign's meaning

Equipment operator or driver sounding horn

# Related referents

\_

# **Additional information**

# Safety sign M030: Use litter bin



#### Reference No.

#### ISO 7010-M030

#### Referent

#### Use litter bin

#### **Function**

To signify that litter must be placed in a litter bin

#### **Image content**

Human figure, bin/container and four diamond shapes

#### Hazard

Material which is harmful or could create a tripping or slipping hazard

Human behaviour that is intended to be caused after understanding the safety sign's meaning

Putting litter in a bin or container

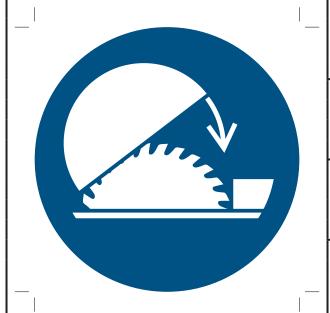
# **Related referents**

# **Additional information**

Test data obtained according to ISO 9186-1:2007 are not available from more than one country. Findings from national testing, however, showed that in one country the safety sign exceeded the criteria of acceptability.

A supplementary sign shall be used to specify the kind of litter to be placed in the litter bin.

# Safety sign M031: Use table saw adjustable guard



#### Reference No.

#### ISO 7010-M031

#### Referent

# Use table saw adjustable guard

#### **Function**

To signify that the adjustable guard must be used

#### Image content

Semicircular saw blade with semicircular cover, curved arrow pointing downwards, single line and block shape

#### Hazard

Circular saw

#### Human behaviour that is intended to be caused after understanding the safety sign's meaning

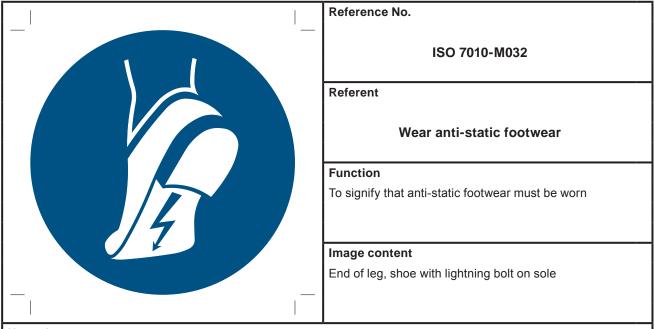
Ensuring that the saw is guarded

# Related referents

\_\_\_

# **Additional information**

# Safety sign M032: Wear anti-static footwear



#### Hazard

Creation of static electricity that can cause sparks leading to fire and explosions

Human behaviour that is intended to be caused after understanding the safety sign's meaning

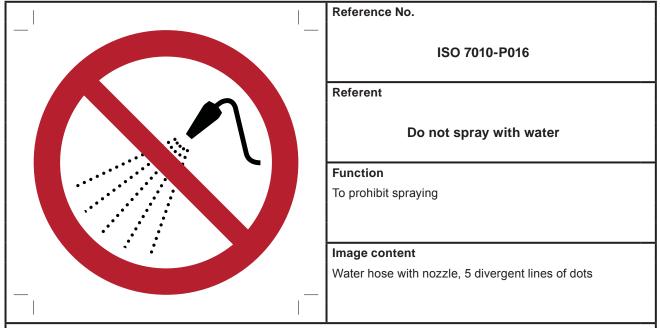
Wearing anti-static footwear

# **Related referents**

ISO 7010-P035

# **Additional information**

# Safety sign P016: Do not spray with water



#### Hazard

Electric shock, chemical reaction, fire

#### Human behaviour that is intended to be caused after understanding the safety sign's meaning

Not spraying with water on machines and equipment or areas where chemical reactions can occur

# Related referents

\_\_

# **Additional information**

# Safety sign W030: Warning; Hand crushing between press brake tool



#### Reference No.

#### ISO 7010-W030

#### Referent

Warning; Hand crushing between press brake tool

#### **Function**

To warn of the closing jaws of a press brake tool

#### **Image content**

Press brake tool (punch and die), hand between punch and die, arrow pointing downwards

#### Hazard

Closing jaws of a press brake tool

#### Human behaviour that is intended to be caused after understanding the safety sign's meaning

Taking care to avoid hands being caught between the jaws of a press brake tool

# **Related referents**

ISO 7010-W031, ISO 7010-W032

# **Additional information**

This safety sign is a specific warning sign for hydraulic press brakes.

# Safety sign W031: Warning; Hand crushing between press brake and material



Reference No.

ISO 7010-W031

#### Referent

Warning; Hand crushing between press brake and material

#### **Function**

To warn of the danger of hands being caught between a workpiece and the moving parts of a press brake

#### Image content

Hand crushed between the moving parts of a press brake and a workpiece, curved arrow pointing upwards

#### Hazard

Moving press brake and workpiece

#### Human behaviour that is intended to be caused after understanding the safety sign's meaning

Taking care to avoid hands being caught between a workpiece and the moving parts of a press brake

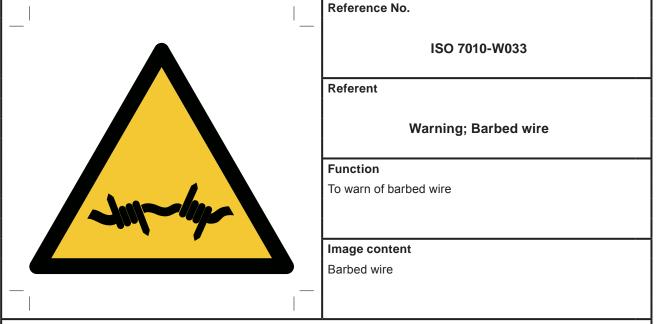
# Related referents

ISO 7010-W030, ISO 7010-W032

# **Additional information**

This safety sign is a specific warning sign for hydraulic press brakes.

# Safety sign W033: Warning; Barbed wire



#### Hazard

Barbed wire

#### Human behaviour that is intended to be caused after understanding the safety sign's meaning

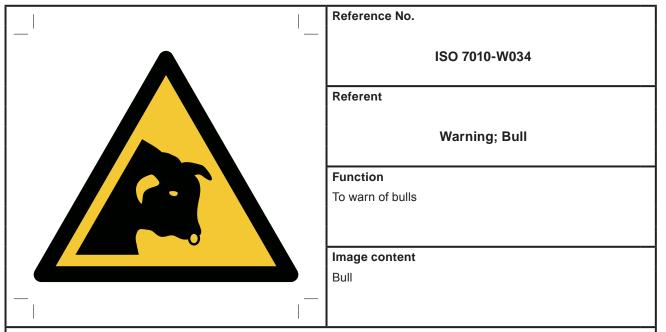
Taking care when in the vicinity of barbed wire

# **Related referents**

# **Additional information**

Test data obtained according to ISO 9186-1:2007 are not available from more than one country. Findings from national testing, however, showed that in one country the safety sign did not reach the criteria of acceptability. Consequently, a supplementary text sign shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.

# Safety sign W034: Warning; Bull



#### Hazard

Bull

Human behaviour that is intended to be caused after understanding the safety sign's meaning

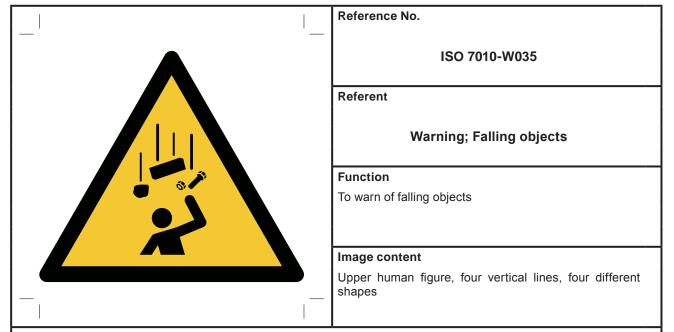
Taking care when in the vicinity of bulls

# Related referents

\_\_

# **Additional information**

# Safety sign W035: Warning; Falling objects



#### Hazard

Falling objects

#### Human behaviour that is intended to be caused after understanding the safety sign's meaning

Taking care when in the vicinity of potential falling objects

# **Related referents**

#### Additional information

Test data obtained according to ISO 9186-1:2007 are not available from more than one country. Findings from national testing, however, showed that in one country the safety sign exceeded the criteria of acceptability. A supplementary text sign may be used to increase comprehension. If the safety sign is supplemented by manuals, instructions or training, a supplementary text sign may not be required.



Price based on 12 pages