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## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

This third edition cancels and replaces the second edition (ISO 7010:2011). The following changes have been made with respect to the previous edition:

The safety signs from

- ISO 7010:2011/Amd 1:2012,
- ISO 7010:2011/Amd 2:2012,
- ISO 7010:2011/Amd 3:2012,
- ISO 7010:2011/Amd 4:2013,
- ISO 7010:2011/Amd 5:2014,
- ISO 7010:2011/Amd 6:2014,
- ISO 7010:2011/Amd 7:2016,
- ISO 7010:2011/Amd 8:2017,
- ISO 7010:2011/Amd 9:2018,
- ISO 7010:2011/DAmD 240:2018,
- ISO 7010:2011/DAmD 241:2018,
- ISO 7010:2011/DAmD 242:2018 and
- ISO 20712-1:2008

have been incorporated with a few minor text adjustments.

This edition also cancels and replaces ISO 20712-1:2008.

All safety signs are available on the ISO Online browsing platform at <https://www.iso.org/obp>.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

There is a need to standardize a system of providing safety information that relies as little as possible on the use of words to achieve understanding.

Continued growth in international trade, travel and mobility of labour requires a common method of communicating safety information.

Lack of standardization may lead to confusion and the risk of accidents.

The use of standardized safety signs does not replace proper work methods, instructions and accident prevention training or measures. Education is an essential part of any system that provides safety information.

The safety signs are intended for use only where there is a risk to people. They may appear in safety signage in workplaces and public areas, safety manuals and notices, product labelling and escape and evacuation plans, as appropriate.

This document is intended to be used by all Technical Committees within ISO charged with developing specific safety signing for their industry, to ensure that there is only one safety sign for each safety meaning. It is also intended that this document be revised regularly to include safety signs as they are standardized by ISO, and which conform to the design principles given in the ISO 3864 series.

The safety signs in this document have been validated by ISO/TC 145/SC 2 according to procedures of standardization current at the time of publication.

NOTE 1 Some countries' statutory regulations might differ in some respects from those given in this document.

NOTE 2 Information on procedures, criteria of acceptability, safety sign templates and application of safety signs, as well as translations of the referents, can be found at <http://www.iso.org/tc145/sc2>.

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

**IMPORTANT** — The colours represented in the electronic file of this document can be neither viewed on screen nor printed as true representations. For the purposes of colour matching, see ISO 3864-4 which provides colorimetric and photometric properties together with, as a guideline, references from colour order systems.

## 1 Scope

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

The shape and colour of each safety sign are according to ISO 3864-1 and the design of the graphical symbols is according to ISO 3864-3.

This document is applicable to all locations where safety issues related to people need to be addressed. However, it is not applicable to the signalling used for guiding rail, road, river, maritime and air traffic and, in general, to those sectors subject to a regulation which may differ with regard to certain points of this document and of the ISO 3864 series.

This document specifies the safety sign originals that can be scaled for reproduction and application purposes.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3864-1, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

ISO 3864-3, *Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <http://www.electropedia.org/>

### 3.1

#### **image content**

written description of the elements of a graphical symbol or safety sign and their relative disposition

### 3.2

#### **referent**

idea or object that a graphical symbol is intended to represent