

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.

ISO 23601 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

Introduction

There is a need to standardize a system of communicating escape routes in facilities 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 conveying this important safety information to the occupants of facilities.

The use of this International Standard is expected to reduce risk by providing a means of improved training and education and to reduce possible confusion in times of emergency.

Through the use of ISO 7010 safety signs, colour coding and specific design requirements, this International Standard establishes a common method of illustrating the position of the viewer in relation to designated escape routes leading to emergency exits and the location of fire safety and emergency equipment close and adjacent to escape routes.

Escape plans are an integral part of a facility's system of safety signs and play an integral role in a building owner's fire safety management plan. Escape plans are a necessary component of a facility's safety way guidance system (see ISO 16069).

NOTE Some countries' statutory regulations may differ in some respect from those given in this International Standard.

IMPORTANT The electronic file of this document contains colours which are considered to be useful for the correct understanding of the document. Users should therefore consider printing this document using a colour printer.

1 Scope

This International Standard establishes design principles for displayed escape plans that contain information relevant to fire safety, escape, evacuation and rescue of the facility's occupants. These plans may also be used by intervention forces in case of emergency.

These plans are intended to be displayed as signs in public areas and workplaces.

This International Standard is not intended to cover the plans to be used by external safety services nor detailed professional technical drawings for use by specialists.

2 Normative references

The following referenced documents are indispensable for the application 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 3864-1:2002, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs in workplaces and public areas*

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

ISO 7010, *Graphical symbols — Safety colours and safety signs — Safety signs used in workplaces and public areas*

ISO 17724, *Graphical symbols — Vocabulary*

ISO 17398, *Safety colours and safety signs — Classification, performance and durability of safety signs*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 17724 and the following apply.

3.1

emergency safety notice

instructions for occupants, to be followed in case of emergency

3.2

escape plan

plan displayed for the occupants of a facility on which are illustrated the necessary elements for escape and on which may appear information required for evacuation, rescue and for a first intervention

3.3

escape route

designated route to a place of intended safety

3.4

escape plan detail

detailed representation of the area marked in the overview plan based on floor plans

3.5

fire safety notice

instructions for occupants, to be followed in case of fire

3.6

overview plan

simplified graphical representation used to relate the escape plan detail to the overall facility or site

Bibliography

- [1] ISO 216, *Writing paper and certain classes of printed matter — Trimmed sizes — A and B series, and indication of machine direction*
- [2] ISO 16069, *Graphical symbols — Safety signs — Safety way guidance systems (SWGS)*
- [3] ISO 30061, *Emergency lighting*