The international language of **ISO graphical symbols**

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ISO GRAPHICAL SYMBOLS HELP US EVERY DAY. FIND OUT HOW!



About ISO

ISO is the International Organization for Standardization.

It has a membership of 164 national standards bodies from countries large and small,

industrialized, developing and in transition, in all regions of the world.

ISO's portfolio of more than 19400 standards provides business, government and society with practical tools for economic, environmental and societal dimensions of sustainable development.

ISO/COPOLCO has developed this leaflet to raise public awareness of ISO graphical symbols which transmit safety messages and other important information without creating language barriers.

About ISO/COPOLCO

The ISO Committee on consumer policy (ISO/COPOLCO) is ISO's forum for promoting consumers' interests in standardization. Its purpose is to focus input of consumers' views into ISO's policies, procedures, standards and services, and to help consumers around the world benefit from standardization.

For further reference, see "Shapes and colours" on page 27, and "References and useful Websites" on page 33.

The international language of **ISO graphical symbols**

Graphical symbols are vital for giving information when written words are not adequate. International Standards developed by ISO (International Organization for Standardization) provide people all over the world with a coherent set of graphical symbols to help overcome language and other barriers.

A technical committee, ISO/TC 145, *Graphical symbols*, has defined internationally accepted requirements for designs, colours, content and shapes of graphical symbols.

These symbols convey important messages about product features, directions and other aspects of daily life – whether at work, at home, or for leisure. Critical areas include health and safety-related warnings, prohibitions and mandatory actions.

We invite you to see first-hand how ISO graphical symbols help keep you safe and well-informed. Join the Smith family as they discover just how useful ISO graphical symbols can be when they leave on holiday for the fictitious country of "Ambrosia".

After your tour is over, visit us at www.iso.org









Money/currency exchange or bureau-de-change















Slippery surface



























Evacuation assembly point









Hospital





Meanwhile, Dad and Jack decide to do something more adventurous...





Wear personal flotation devices









Shapes and colours of international safety signs

The safety signs illustrated in this leaflet comply with design rules standardized and published by ISO.

The general public will encounter safety signs in a variety of situations, including in workplaces, public areas and on products. The standardized colours and basic shapes for safety signs are therefore important in helping to ensure that the different types of safety signs, and the safety messages they convey, are easily recognizable.

Several safety signs are included in the story of the Smith family's holiday. In some cases, safety signs will be accompanied by additional signs or supplementary text to help make the safety message clear.

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Further examples of types of safety signs are shown on the following pages.

Warning sign

How to recognize?

Yellow triangle with black border and black symbol.

What is the type of safety message?

Warns of hazards which could result in personal injury or threat to health.

This sign will be accompanied by text or additional signs to explain the reasons for the warning.





Warning : Electricity



Warning : Hot surface

Prohibition sign

How to recognize?

Red ring and diagonal bar with black symbol on white background.

What is the type of safety message?

Specifies behaviour that is prohibited because it would result in an immediate or potential risk of personal injury or threat to health.

This sign will be accompanied by text or additional signs to explain the nature of the prohibition.





No smoking



Do not use lift in the event of fire

Mandatory action sign

How to recognize?

Blue circle with white symbol.

What is the type of safety message?

Specifies an action required to safeguard personal health and/or avoid risk of personal injury.

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General mandatory action sign



Wear protective gloves



This sign will be accompanied by text or additional signs to explain the nature of the required action.

Refer to instruction manual/booklet

Safe condition sign

How to recognize?

Green square with white symbol.

What is the type of safety message?

Identifies evacuation routes and assembly points.

Indicates the location of first aid and emergency equipment or a safety facility or a safety action.



Emergency telephone



Break to obtain access



Fire safety sign

How to recognize?

Red square with white symbol, and always including representation of flames in white.

What is the type of safety message?

Indicates the location of fire equipment.



Fire extinguisher



References and useful Websites

- ISO Online: www.iso.org
- ISO Online Browsing Platform (including standards previews, graphical symbols, codes, and terms and definitions): WWW.iso.org/obp

Relevant International Standards

- The ISO 3864 series of standards which specify design requirements, including shapes and colours, for safety signs
- The ISO/IEC 80416 series of standards which specify basic principles for graphical symbols for use on equipment
- ISO 7000, Graphical symbols for use on equipment Registered symbols
- ISO 7001, Graphical symbols Public information symbols
- ISO 7010, Graphical symbols Safety colours and safety signs Registered safety signs
- ISO 17724, Graphical symbols Vocabulary
- ISO 20712-1, Water safety signs and beach safety flags Part 1 : Specifications for water safety signs used in workplaces and public areas
- ISO 20712-2, Water safety signs and beach safety flags Part 2 : Specifications for beach safety flags Colour, shape, meaning and performance
- ISO 20712-3, Water safety signs and beach safety flags Part 3 : Guidance for use
- ISO 22727, Graphical symbols Creation and design of public information symbols Requirements
- ISO/IEC Guide 74, Graphical symbols Technical guidelines for the consideration of consumers' needs

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