MAURITIAN
STANDARD

**MS ISO
20712-1:2008**

First edition
2014-05-31

Water safety signs and beach safety flags —

Part 1:
Specifications for water safety signs used in workplaces and public areas

ICS 01.080.10

Mauritius Standards Bureau

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National foreword

This Mauritian Standard is identical with the International Standard **ISO 20712-1:2008 -** *Water safety signs and beach safety flags — Part 1: Specifications for water safety signs used in workplaces and public areas*. It was adopted by the Mauritius Standards Bureau on the recommendation of the **Mechanical Engineering Standards Committee** through its Subcommittee on **Graphical Symbols** and approved by the **Standards Council** on **05 December 2013**. It was notified in the Government Gazette on **31 May 2014***.

For the purpose of this standard the following change should be made:

the words 'International Standard' should be replaced by 'Mauritian Standard'

The following Mauritian Standard is identical to the International Standard, which is referenced in the adopted standard:

International Standard	**Corresponding Mauritian Standard**
ISO 3864-1, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs in workplaces and public areas*	**MS ISO 3864-1**, *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*	**MS ISO 3864-3**, *Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs*
ISO 17724, *Graphical symbols — Vocabulary*	**MS ISO 17724**, *Graphical symbols — Vocabulary*

* General Notice No 1403 of 2014

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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.

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 20712-1 was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

ISO 20712 consists of the following parts, under the general title *Water safety signs and beach safety flags*:

⎯ *Part 1: Specifications for water safety signs used in workplaces and public areas*

⎯ *Part 2: Specifications for beach safety flags — Colour, shape, meaning and performance*

⎯ *Part 3: Guidance for use*

Introduction

There is a need to standardize a system giving safety information related to aquatic activity 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 perhaps accidents.

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

This part of ISO 20712 is intended to be used by all Technical Committees within ISO charged with developing specific safety signing in places of aquatic activity to ensure that there is only one safety sign for each safety meaning. It is also intended that this part of ISO 20712 be revised regularly to include safety signs as they are standardized by ISO, and which conform to the principles given in ISO 3864-1 and the design criteria given in ISO 3864-3.

NOTE 1   Some countries' statutory regulations may differ in some respect from those given in this part of ISO 20712.

NOTE 2   Some countries may differ in some respect from the requirements given in this part of ISO 20712 in that they use the diamond geometric shape for warning signs.

Water safety signs and beach safety flags —

Part 1:
Specifications for water safety signs used in workplaces and public areas

IMPORTANT — The colours represented in the electronic file of this part of ISO 20712 can be neither viewed on screen nor printed as true representations. Although the copies of this part of ISO 20712 printed by ISO have been produced to correspond (with an acceptable tolerance as judged by the naked eye) to the requirements of ISO 3864-1, it is not intended that these printed copies be used for colour matching. Instead, consult ISO 3864-1, which provides colorimetric and photometric properties, together with, as a guideline, references from colour order systems.

1 Scope

This part of ISO 20712 prescribes water safety signs intended for use in connection with the aquatic environment. It is intended for use by owners and operators of aquatic environments and by manufacturers of signs and equipment. However, it is not applicable to signalling used for maritime traffic.

The shape and colour required to be used for safety signs, as prescribed by ISO 3864-1, are given together with the graphical symbols contained within each sign. The water safety sign originals meet the design criteria of ISO 3864-3.

This part of ISO 20712 specifies the water safety sign originals that may be scaled for reproduction and application purposes.

This part of ISO 20712 includes water safety signs which require that supplementary text signs be used in conjunction with these water safety signs to improve comprehension.

NOTE   The criteria of acceptability adopted by ISO/TC 145/SC 2 are given on website www.iso.org/tc145/sc2.

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, *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 9186-1, *Graphical symbols — Test methods — Part 1: Methods for testing comprehensibility*

ISO 17724, *Graphical symbols — Vocabulary*