

Australian/New Zealand Standard™

**Water safety signs and beach safety
flags**

**Part 2: Specifications for beach safety
flags—Colour, shape, meaning and
performance (ISO 20712-2:2007, MOD)**



AS/NZS 2416.2:2010

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The following are represented on Committee CS-093:

A1 | Australian Chamber of Commerce and Industry
Australian Professional Ocean Lifeguards Association
Consumers Federation of Australia
Department of Environment, Climate Change and Water, NSW
Local Government and Shires Association, NSW
Marine Safety Victoria
Northern Territory Water Safety Advisory Council
Queensland Transport
Royal Life Saving Society Australia
Statewide Mutual
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Surf Life Saving New Zealand
Swimming Pool and Spa Association of NSW
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Water Safety New Zealand

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PREFACE

This Standard was prepared by the Standards Australia/Standards New Zealand Committee CS-093, Water Safety Signs and Symbols to supersede (in part) AS 2416—2002, *Design and application of water safety signs* and (in part) NZS 8690:2003, *Water safety signage*.

This Standard incorporates Amendment No. 1 (March 2011). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

This Standard is one of a series of three Standards as follows:

AS/NZS

2416 Water safety signs and beach safety flags

2416.1 Part 1: Specifications for water safety signs used in workplaces and public areas (ISO 20712-1:2008, MOD)

2416.2 Part 2: Specifications for beach safety flags—Colour, shape, meaning and performance (ISO 20712-2:2007, MOD) (this Standard)

2416.3 Part 3: Guidance for use

This Standard is an adoption with national modifications and has been reproduced from ISO 20712-2:2007, *Water safety signs and beach safety flags, Part 2: Specifications for beach safety flags—Colour, shape, meaning and performance*.

Variations between ISO 20712-2:2007 and this Standard, for application in Australia and New Zealand only, are set out in Appendix ZZ.

The major change to ISO 20712-2:2007, presented in Appendix ZZ, is provision for the use in Australia and New Zealand of the Underwater Diving flag and optional augmentation of the flagpoles of beach safety flags.

The number of this Standard is not reproduced on each page. Its identity is shown only on the cover and the title page.

For the purposes of this Standard, the text of ISO 20712-2:2007 should be modified as follows:

- (a) Substitute ‘Australian/New Zealand Standard’ for ‘part of ISO 20712’ wherever it occurs.
- (b) Substitute a full point (.) for a comma (,) as a decimal marker.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annex or appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard while an ‘informative’ annex is for information only.

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INTRODUCTION

There is a need to standardize a system of giving 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 perhaps accidents.

The use of standardized beach safety flags 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.

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

AUSTRALIAN/NEW ZEALAND STANDARD

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IMPORTANT — The colours represented in the electronic file of this International Standard can be neither viewed on screen nor printed as true representations. Although the copies of this International Standard printed by ISO have been produced to correspond (with an acceptable tolerance as judged by the naked eye) to the requirements of this part of ISO 20712, it is not intended that these printed copies be used for colour matching.

1 Scope

This part of ISO 20712 specifies requirements for the shape and colour of beach safety flags for the management of activities on coastal and inland beaches, to be used for giving information on wind and water conditions and other hazardous conditions, and to indicate the location of swimming and other aquatic activity zones extending from the beach into the water. It also specifies the colorimetric and photometric properties and the physical properties, including strength and colour fastness, of the materials from which beach safety flags are to be made.

It is not applicable to flags for use on firing ranges or to flags for use to indicate water quality or to signalling used for maritime traffic.

NOTE The illustrations in this part of ISO 20712 are as accurate as possible within the limitations of the printing process.

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 105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour*

ISO 105-A03, *Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining*

ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 105-B03, *Textiles — Tests for colour fastness — Part B03: Colour fastness to weathering: Outdoor exposure*

ISO 105-E01, *Textiles — Tests for colour fastness — Part E01: Colour fastness to water*

ISO 105-E02, *Textiles — Tests for colour fastness — Part E02: Colour fastness to sea water*

ISO 105-X12, *Textiles — Tests for colour fastness — Part X12: Colour fastness to rubbing*