



DRAFT AMENDMENT ISO 20712-1/DAmD 2

ISO/TC 145/SC 2

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Water safety signs and beach safety flags —

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

AMENDMENT 2: Water safety sign WSE003: Tsunami evacuation building

Signaux de sécurité relatifs à l'eau et drapeaux de sécurité pour les plages —

Partie 1: Spécifications des signaux de sécurité relatifs à l'eau utilisés sur les lieux de travail et dans les lieux publics

AMENDEMENT 2: WSE003: Bâtiment d'évacuation en cas de tsunami

ISO 20712-1:2008/DAmD 2

ICS 01.080.10

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Amendment 2 to ISO 20712-1:200x was prepared by Technical Committee ISO/TC 145, *Graphical symbols*, Subcommittee SC 2, *Safety identification, signs, shapes, symbols and colours*.

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Water safety signs and beach safety flags — Part 1: Specifications for water safety signs used in workplaces and public areas - Amendment 2: Water safety sign WSE003: Tsunami evacuation building

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Add water safety sign WSE003 to the alphabetical summary in Table 1, and to category WSE in Tables 2 and 3 as follows:

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Water safety sign WSE003: Tsunami evacuation building

	Reference No. WSE003
	Referent Tsunami evacuation building
	Function To indicate the location of a safe building for evacuation to in the event of a tsunami
	Image content Human figure, between a building and a tsunami wave

Hazard

Tsunami wave originating from an ocean floor seismic event in which people could be caught if they have not got to the tsunami evacuation building

Human behaviour that is intended to be caused after understanding the safety sign's meaning

Evacuation from coastal/beach zone towards a tsunami evacuation building in the event of an earthquake or when a tsunami warning has been issued

Human behaviour that is intended to be prevented

Remaining in the coastal/beach zone or running in the sea or wrong direction when a tsunami warning has been issued

Need

Although tsunami mitigation plans have been prepared and are available to civil protection agencies, they have to be complemented by signs that advise the population on directions to take to tsunami evacuation buildings. People may be injured or drowned if they are not given indication of location of tsunami evacuation buildings and directions to them.

Related referents

WSE002, WSW014

Field of application

Workplaces, public areas

Format of application

Multiple signs in relevant coastal/beach zones and evacuation routes, notices, safety manuals

Context of use

In tsunami hazards zones, signing of evacuation routes to tsunami evacuation buildings should consist of WSE003 supplemented by the appropriate direction arrow ISO 7010-E005 or -E006. WSE003 shall be used to indicate the location of a tsunami evacuation building.

Additional information

This water safety sign has been the subject of extensive research by the Japanese Government and has also been requested by UNESCO as part of an overall approach to a management strategy designed to mitigate the disastrous effects of a tsunami wave. The design selected has received the best comprehension results and is specific to the special circumstances of the tsunami hazard. Supplementary text shall be used to increase comprehension except when the safety sign is supplemented by manuals, instructions or training.