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Ships and marine technology — Oil tank hatches

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information.

The committee responsible for this document is ISO/TC 8, *Ships and marine technology*, Subcommittee SC 8, *Ship design*.

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Ships and marine technology — Oil tank hatches

1 Scope

This International Standard specifies the classification, structure and main dimensions, materials, quality of manufacture, testing of watertightness and designation for oil tank hatches for application on board ships in order to ensure interchangeability of the hatches. The remaining dimensions, welding, and other details are left to the manufacturer.

These hatches generally conform to the requirements of the International Convention on Load Lines 1966 (ILLC66). These structures and specifications of oil-tight hatch covers in this International Standard meet IACS UR S26 requirements. The possibility for application in position 1 and position 2 has to be considered for each situation and, where necessary, the hatch covers shall be provided with additional stiffening.

This International Standard is applicable to the design, manufacturing, and test of accommodation ladders, as well as accommodation ladder used specifically in combination with pilot ladder (hereinafter referred as “pilot accommodation ladder”).

Users of this International Standard should note that while observing the requirements of this International Standard, they should, at the same time, ensure compliance with such statutory requirements, rules, and regulations as may be applicable to the individual ship concerned.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8501–1, *Preparation of steel substrates before application of paints and related products — Visual assessment of surface cleanliness — Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings.*

3 Classifications

3.1 Types

Oil tank hatches are divided into the following types, see Table 1.

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