BS EN 1305:2018

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Inland navigation vessels - Connections for the discharge of oily mixture

National foreword

This British Standard is the UK implementation of EN 1305:2018. It supersedes BS EN 1305:1996, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee SME/32, Ships and marine technology - Steering committee.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Inland navigation vessels - Connections for the discharge of oily mixture

Bateaux de navigation intérieure - Raccords d'évacuation de résidus d'huile

Fahrzeuge der Binnenschiffahrt - Anschlüsse für die Abgabe von Ölrückständen

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European foreword

This document (EN 1305:2018) has been prepared by Technical Committee CEN/TC 15 “Inland navigation vessels”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2018, and conflicting national standards shall be withdrawn at the latest by September 2018.

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Introduction

This European Standard has been developed to specify uniform connections for the discharge of oily mixture.

The connection consists of a quick-release coupling that enables easy and safe handling and safe discharge of oily mixture. By limiting the use of this coupling device to oily mixture, confusion is avoided with connections for other fluids.

Oily mixture on inland navigation vessels is disposed of by suction from outside of the vessel.

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1 Scope

This European Standard specifies the design, dimensions, technical requirements and testing of connections for the discharge of oily mixture produced by inland navigation vessels.

It is not applicable to the disposal of cargo residues from cargo tanks.

This standard specifies:

— a connection of a design common on inland navigation vessels which consists of a pipe with a threaded neck and quick-release coupling;

— a connection for vessels with flange ISO 7608 - A1, consisting of an adapter with matching flange and welded pipe with a threaded neck and quick-release coupling.

2 Normative references

EN 573-3, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 3: Chemical composition and form of products*

EN 12420, *Copper and copper alloys — Forgings*

EN 14420-6, *Hose fittings with clamp units — Part 6: TW tank truck couplings*

EN 22768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1)*

EN ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation (ISO 228-1)*

EN ISO 4018, *Hexagon head screws — Product grade C (ISO 4018)*

EN ISO 4034, *Hexagon regular nuts (style 1) — Product grade C (ISO 4034)*

ISO 7608, *Shipbuilding — Inland navigation — Couplings for disposal of oily mixture and sewage water*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
oily mixture
fluids containing oil from bilges and contents of waste oil collection tanks

4 Technical requirements

4.1 General

General tolerances: ISO 2768 - c.

The requirements relate to the design, dimensions and connection configuration.

The configuration need not correspond to the representation in Figure 1 and Figure 2, but shall be such as to ensure that no oily mixture enters the surrounding environment on disconnection.

4.2 Design

Design R: Connection of the suction pipe permanently installed in the vessel to the quick-release coupling on the suction hose – see Figure 1.