Ships and marine technology - Drainage systems on ships and marine structures - Part 3: Sanitary drainage, drain piping for vacuum system

Ships and marine technology - Drainage systems on ships and marine structures - Part 3: Sanitary drainage, drain piping for vacuum system



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO
15749-3:2004 sisaldab Euroopa standardi
EN ISO 15749-3:2004 ingliskeelset teksti.

This Estonian standard EVS-EN ISO 15749-3:2004 consists of the English text of the European standard EN ISO 15749-3:2004.

Käesolev dokument on jõustatud 27.08.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

This document is endorsed on 27.08.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.

Standard on kättesaadav Eesti standardiorganisatsioonist.

The standard is available from Estonian standardisation organisation.

Käsitlusala:

This part of ISO 15749 applies to the design of sanitary drain lines in vacuum systems on ships and marine structures. For planning and basic requirements, see ISO 15749-1.

Scope:

This part of ISO 15749 applies to the design of sanitary drain lines in vacuum systems on ships and marine structures. For planning and basic requirements, see ISO 15749-1.

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English version

Ships and marine technology - Drainage systems on ships and marine structures - Part 3: Sanitary drainage, drain piping for vacuum system (ISO 15749-3:2004)

Navires et technologie maritime - Installations de drainage sur navires et structures maritimes - Partie 3: Drainage sanitaire, conduits de décharge au système de vide (ISO 15749-3:2004) Schiffe und Meerestechnik - Entwässerungsanlagen auf Schiffen und Seebauwerken - Teil 3: Sanitär-Entwässerung, Abflussleitungen im Vakuumsystem (ISO 15749-3:2004)

This European Standard was approved by CEN on 16 April 2004.

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Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 15749-3:2004) has been prepared by Technical Committee ISO/TC 8 "Ships and marine technology" in collaboration with Technical Committee CEN/TC 300 "Seagoing vessels and marine technology", 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 November 2004, and conflicting national standards shall be withdrawn at the latest by November 2004.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

appre de la company de la comp The text of ISO 15749-3:2004 has been approved by CEN as EN ISO 15749-3:2004 without any modifications.

INTERNATIONAL STANDARD

ISO 15749-3

First edition 2004-05-01

Ships and marine technology — Drainage systems on ships and marine structures —

Part 3:

Sanitary drainage, drain piping for vacuum systems

Navires et technologie maritime — Installations de drainage sur navires et structures maritimes —

Partie 3: Drainage sanitaire, conduits de décharge au système de vide



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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.

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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 15749-3 was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 3, *Piping and machinery*.

ISO 15749 consists of the following parts, under the general title *Ships and marine technology* — *Drainage systems on ships and marine structures*:

- Part 1: Sanitary drainage-system design
- Part 2: Sanitary drainage, drain piping for gravity systems
- Part 3: Sanitary drainage, drain piping for vacuum systems
- Part 4: Sanitary drainage, sewage disposal pipes
- Part 5: Drainage of decks, cargo spaces and swimming pools

Ships and marine technology — Drainage systems on ships and marine structures —

Part 3:

Sanitary drainage, drain piping for vacuum systems

1 Scope

This part of ISO 15749 applies to the design of sanitary drain lines in vacuum systems on ships and marine structures.

For planning and basic requirements, see ISO 15749-1.

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.

IMO Resolution A.753 (18), Guidelines for the application of plastic pipes on ships 1)

ISO 65, Carbon steel tubes suitable for screwing in accordance with ISO 7-1

ISO 264, Unplasticized polyvinyl chloride (PVC) fittings with plain sockets for pipes under pressure — Laying lengths — Metric series

ISO 4200, Plain end steel tubes, welded and seamless — General tables of dimensions and masses per unit length

ISO 9329-1, Seamless steel tubes for pressure purposes — Technical delivery conditions — Part 1: Unalloyed steels with specified room temperature properties

ISO 9330-1, Welded steel tubes for pressure purposes — Technical delivery conditions — Part 1: Unalloyed steel tubes with specified room temperature properties.

ISO 15749-1, Ships and marine technology — Drainage systems on ships and marine structures — Part 1: Sanitary drainage-system design

ISO 15749-4, Ships and marine technology — Drainage systems on ships and marine structures — Part 4: Sanitary drainage, sewage disposal pipes

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