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Inland navigation vessels - Railings for decks and side decks - Requirements, designs and types

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 711:2024 sisaldab Euroopa standardi EN 711:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 09.10.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 711:2024 consists of the English text of the European standard EN 711:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 09.10.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 47.020.10

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EUROPEAN STANDARD

EN 711

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2024

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Supersedes EN 711:2016

English Version

Inland navigation vessels - Railings for decks and side decks - Requirements, designs and types

Bateaux de navigation intérieure - Garde-corps pour ponts et plats-bords - Exigences, types et modèles

Fahrzeuge der Binnenschifffahrt - Geländer für Decks und Gangborde - Anforderungen, Bauarten und Typen

This European Standard was approved by CEN on 23 September 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 711:2024) 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of an identical text or by endorsement, at the latest by April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 711:2016.

This document includes the following significant technical changes with respect to EN 711:2016:

- a) tiltable railing for passenger vessels have been added;
- b) requirements on railings in elevated working areas added, (Table 1);
- c) reference to EN 17360 added in 4.4.5.

This document specifies safety requirements for railings for decks and side decks within the meaning of European Parliament and Council Directive (EU) 2016/1629 of 14 September 2016 laying down technical requirements for inland waterway vessels.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document is applicable to railings for decks and in gangways on inland navigation vessels. It lays down design, dimensions, strength and test conditions which have to be observed for safety reasons. The railings provide protection for persons against falling overboard and from one deck to another.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 10025-2, *Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels*

EN 10220, *Seamless and welded steel tubes - Dimensions and masses per unit length*

EN 17360, *Inland navigation vessels - Stanchions and holders for tiltable and detachable railings*

EN ISO 1461, *Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461)*

ISO 1835, *Round steel short link chains for lifting purposes — Medium tolerance sling chains — Grade 4, stainless steel*

ISO 2408, *Steel wire ropes — Requirements*

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

3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <https://www.electropedia.org/>

3.1

railing

<inland navigation vessels> construction of stanchions (3.2) and hand rails (3.3) as well as

— intermediate rail (3.4) and toe rail (3.6) or

— panel (3.5)

3.2

stanchion

vertical part of the railing (3.1), onto which the hand rails (3.3) and intermediate rails (3.4) or the panelling (3.5) are mounted