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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19317-2024

Replacing GB/T 19317.1-2003, GB/T 19317.2-2012

**Small craft - Seacocks and through-hull fittings
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

This document replaces GB/T 19317.1-2003 "Small boat sea cocks and accessories through the hull Part 1: Metal parts" and GB/T 19317.2-2012 "Small boat sea cocks and accessories through the hull Part 2: Non-metallic parts".

Compared with GB/T 19317.1-2003 and GB/T 19317.2-2012, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

Down.

Added "accessibility" and deleted "corrosion resistance", "corrosion protection" and "sluice plug" in the terms and definitions (see Chapter 3, Chapter 3 of GB/T 19317.1-2003);

"Strength requirements" have been added to the material requirements (see 4.4); -Added corrosion resistance test and UV stability test (see Appendix B and Appendix C). -this document is equivalent to ISO 9093:2020 "Small boat sea cocks and through-hull accessories".

1 Scope

This document specifies through-hull attachments for use on small craft with a hull length (LH, as defined in ISO 8666:2020) not exceeding 24 m.

Manufacturing and installation requirements for fittings, sea cocks, hose connectors and their assemblies.

This document does not apply to engine exhaust accessories and through-hull navigation and control connections.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies.

in this document.

GB/T 16422.3-2022 Plastics - Laboratory light source exposure test methods - Part 3: Fluorescent ultraviolet lamp (ISO 4892-3:2016, IDT ISO 6509-1:2014 Corrosion of metals and alloys Determination of the resistance of copper alloys containing zinc to dezincification Part 1: Test method (Corrosion of metals and alloys-Determination of dezincification resistance of copper alloys with zinc-Part 1: Test method) ISO 6509-2:2017 Corrosion of metals and alloys Determination of the resistance of copper alloys containing zinc to dezincification Part 2: Evaluation criteria (Corrosion of metals and alloys-Determination of dezincification resistance of copper alloys with zinc-Part 2: Assessment criteria) ISO 14993:2018 Corrosion of metals and alloys - Accelerated tests for cyclic exposure to salt spray, dry and wet conditions metals and alloys-Accelerated testing involving cyclic exposure to salt mist, dry and wet conditions)

3 Terms and definitions

The following terms and definitions apply to this document.

Through-hull fitting an attachment to a boat hull designed to allow the passage of liquids or gases with suspended solids.

Seacock

A closing device mounted directly on the hull or through-hull attachments to prevent the ingress of water.

Accessible

Capable of being reached for inspection, removal or maintenance without removing any permanent hull structure.

accessible

Ability to reach quickly and safely in an emergency and use them effectively without the use of any tools.