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

GB/T 33196.3-2025

**Large yachts - Strength, weathertightness and watertightness
of glazed openings - Part 3: Quality assurance, installation and
in-service inspection**

大型游艇 可视窗强度、水密和风雨密 第3部分：质量保证、安装和使用中检测
(English Translation)

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References

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is Part 3 of GB/T 33196 "Strength, Watertightness and Weathertightness of Viewing Windows for Large Yachts". GB/T 33196 has been issued.

The following parts were laid out.

---Part 1: Design guidelines, materials, framing, and testing for stand-alone windows.

---Part 2: Design guidelines, structural support, installation and testing of viewing windows integrated with adjacent structures.

---Part 3: Quality Assurance, Installation and In-Use Testing this document is equivalent to ISO 11336-3:2019 "Strength, watertightness and weathertightness of windows for large yachts - Part 3: Quality assurance".

"Installation and Usage Testing".

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Marine Ships (SAC/TC12).

Introduction

GB/T 33196, "Strength, Watertightness and Weathertightness of Sight Windows on Large Yachts," will regulate the design, materials, and installation of sight windows on large yachts.

Testing, quality assurance, and other aspects will provide technical support for the use and

inspection of viewing windows on large yachts, and the project is planned to consist of three parts.

---Part 1: Design Guidelines, Materials, Frames, and Testing for Standalone Windows. The purpose is to address the design and testing of standalone windows.

---Part 2: Design guidelines, structural support, installation, and testing of viewing windows integrated with adjacent structures. The purpose is to...

The design, installation, and testing of a viewing window that integrates adjacent structures into a single unit.

---Part 3: Quality Assurance, Installation and In-Use Inspection. The purpose is to inspect the installation of the viewing window to ensure that quality requirements are met.

The strength of the viewing window, watertightness and weathertightness of large yachts
Part 3: Quality Assurance, Installation and Usage Testing

1 Scope

This document stipulates that.

---Contents of the product data sheet for yacht glass materials;

---Conformity assessment of product data sheets for laminated glass and laminated safety glass for yachts;

---Marking and identification methods for glass products installed on yachts;

---Testing methods for installed glass products.

This document does not address requirements related to visual distortion or aesthetics.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

GB/T 33196.1-2016 Strength, watertightness and weathertightness of viewing windows on large yachts - Part 1: Design standards for independent viewing windows Rules, materials, framework and testing (ISO 11336-1:2012, IDT) ISO 527-2 Determination of tensile properties of plastics - Part 2: Test conditions for molded and extruded plastics Note. GB/T 1040.2-2022 Determination of tensile properties of plastics - Part 2: Test conditions for molded and extruded plastics (ISO 527-2:2012, MOD).

ISO 1288-3 Architectural glass - Determination of flexural strength of glass - Part 3: Two-point support specimen test (four-point bending) ISO 11963 Plastics - Polycarbonate sheets - Types, dimensions and properties Note. GB/T 44570-2024 Plastic products - Polycarbonate sheets (ISO 11963:2019, MOD).

ISO 12543-1 Architectural glass, laminated glass and laminated safety glass - Part 1: Definition and description of components (Glassing) nentparts) ISO 12543-2 Architectural glass, laminated glass and laminated safety glass - Part 2: Laminated safety glass ISO 12543-3 Architectural glass - Laminated glass and laminated safety glass - Part 3: Laminated glass ISO 12543-4 Architectural glass-Laminated glass and laminated safety glass-Part 4: Test methods for durability (Glassinbuild-ISO 12543-5 Architectural glass, laminated glass and laminated safety glass - Part 5: Dimensions and edge treatment (Glassinbuild-ISO 12543-6 Glass in Building - Laminated Glass and Laminated Safety Glass - Part 6: Appearance