

ICS 81.040.30

CCS Q34



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

GB 45832-2025

Safety technical requirements of glass for ships

船舶用玻璃安全技术要求

Issued on: May 30, 2025

Implemented on: June 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Materials and composition
- 5 Technical requirements

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. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the Ministry of Industry and Information Technology of the People's Republic of China. Safety technical requirements for glass used in ships

1 Scope

GB 45832-2025 is the Chinese national standard on safety technical requirements of glass for ships, in the field of glass and ceramics industries. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 30 May 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 June 2026. Classification: ICS 81.040.30, CCS Q34. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the safety technical requirements for glass used in ships and describes the corresponding test methods. This document applies to the production, inspection and delivery of tempered glass for ship portholes, tempered glass for rectangular windows and electrically heated glass for rectangular windows. and acceptance.

2 Normative references

The contents of the following documents constitute 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 to This document. GB 11614-2022 Flat glass

GB/T 39798-2021 Test method for optical properties of glass for EMUs

GB/T 42125.10 Safety requirements for electrical equipment for measurement, control and laboratory use Part

10. Insulation resistance measurement and dielectric Special requirements for strength testing equipment

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4 Materials and composition

The raw glass used for tempered glass and electrically heated glass should meet the requirements of high-quality processing grade in GB 11614-2022. Electric heating glass consists of supporting glass, cover glass, heating element and intermediate layer.

5 Technical requirements

5.1 General Tempered glass, electrically heated glass and electrically heated glass-bearing glass shall comply with the requirements of Table 1. Table

1 Technical requirements project Technical requirements Electric heating glass, tempered glass, electric heating glass bearing glass Punching strength -