

ICS 47.020.50
CCS U 26



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

GB/T 5746-2014

Replacing GB/T 5746-2001

**Ship ordinary rectangular window
(English Translation)**

Issued on: February 19, 2014

Implemented on: June 1, 2014

Issued by: Standardization Administration of China

Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and definitions
4 Classification and marking
5 Requires
6 Test methods
7 Inspection rules
8 Signs, packaging, transportation and storage

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 5746-2001 "Marine ordinary rectangular windows." Compared with GB/T 5746-2001, mainly in the following technical modify.

- Remove the "fasteners" Terms and Definitions (2001 Version 3.4);
- Remove the refractory series (P) and heating series (H) (2001 edition 4.1);
- Remove the appendix "rectangular window opening direction," shifted in the direction of opening the content text (see Table 1, 2001 edition of Appendix C);
- Modified rectangular main window size (see Figure 1, 2001 edition of the FIG. 1);
- Revised product labeling and marking example (see 46, 2001 edition of the 4.6, 4.7.);
- Increasing the main component material (see Table 10);
- Increased its stainless steel material code (see Table 11);
- Modified material combinations (see table 12, 2001 Edition Table 11);
- Modify the requirements, test methods two chapters (see Chapter 5, Chapter 6, Section 6 of the 2001 edition Chapter 5);
- Remove the standard size rectangular window of the maximum allowable pressure (see the 2001 edition of Appendix B);
- Added Appendix "rectangular windows and major parts by weight" (see Appendix B).

The standard reference method using redrafted ISO 3903:2012 "Ships and marine

technology - Marine ordinary rectangular window" preparation, and ISO 3903:2012 is not equivalent degree of consistency.

The standard proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee shipboard loading (SAC/TC129) centralized.

This standard was drafted. Hudong-Zhonghua Shipbuilding (Group) Co., Ltd., Jiangyin Huangshan Marine Fitting Co., Ltd.

1 Scope

This standard specifies the Marine ordinary rectangular windows (called rectangular window) classification and marking requirements, test methods, inspection rules, marking, packaging, Transport and storage.

This standard applies to marine vessels above the freeboard deck about cabin deckhouse, superstructure and offshore structures with rectangular windows set Design, manufacture and acceptance. Rectangular window on the design of inland waterway vessels, manufacture and acceptance may also refer to use.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs GB/T 700-2006 carbon structural steel GB/T 1176-1987 Cast Copper Alloys conditions GB/T 1220-2007 stainless steel rod GB/T 3190-2008 Wrought aluminum and aluminum alloy chemical composition (ISO 209) GB/T 3385 marine scuttles and rectangular windows toughened safety glass punch method of non-destructive strength testing (ISO 614) GB/T 4237-2007 hot-rolled stainless steel sheet and strip GB/T 5231-2012 processing of copper and copper alloy grades and chemical composition GB/T 6388 transport package shipping mark GB/T 10610 Geometrical product specifications (GPS) Surface texture Profile method - Rules and procedures for evaluation of the surface structure GB 11946-2001 Marine toughened safety glass (ISO 1095) GB/T 14357-1993 Marine ordinary rectangular window positioning (ISO 5779) CB/T 3873-1999 rectangular porthole window seal gasket CB */Z92 aluminum anodized CB/Z343 Marine Accessories HDG

3 Terms and Definitions

The following terms and definitions apply to this document.

Marine ordinary rectangular windows ships'ordinaryrectangularwindow Suitable for

installation on ships and marine structures, with straight sides and rounded hinged open rectangular windows can not be opened and fixed Moment Shaped windows.

Main frame Frame bolts or welding and structural connection with.