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

GB/T 25976-2010

**Ships and marine technology -- Position-indicating lights for
life-saving appliance -- Testing, inspection and marking of
production units**

船舶和海上技术 救生设备示位灯 产品的试验、检查和标志

(English Translation)

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Foreword

This standard is identical with ISO 24408:2005 "Ships and marine technology - Lifesaving equipment position-indicating lamp product testing, inspection and marking" (In English).

This standard is equivalent to translate ISO 24408:2005.

For ease of use, this standard made the following editorial changes.

--- "This International Standard" be replaced by "this standard";

"," --- With a decimal point instead of a comma as the decimal point, "";

--- With a comma "," instead supplement symbol "-";

--- Delete foreword international standards;

--- Of expression in accordance with the provisions of GB/T 1.1-2000 also been modified.

Appendix A of this standard is an informative annex.

The standard proposed by China State Shipbuilding Corporation.

This standard by the national marine ship marine electrical equipment Standardization Technical Committee Technical Committee (SAC/TC12/SC6) centralized.

This standard was drafted. Technical and Economic Research Institute of China Shipbuilding Industry.

Introduction

This standard will work with the International Maritime Organization (IMO) "life-saving equipment (LSA) rule" and related IMO instruments commonly used to assess Accredited position-indicating lights of various products and the relevant requirements of IMO

consistency.

Part of the provisions of this standard exceeds the IMO requirements, see the IMO's Recommendation on testing of life-saving equipment [amended by MSC.81 (70) Resolution A.689 (17) Resolution], the contents of the product for testing and inspection of parts without any special requirements. However, Section 2 of the document Require manufacturers to develop quality control procedures to ensure the production of life-saving equipment and marine safety management organization recognized styling products to achieve phase with standards and keep all product testing records have been completed.

This standard specifies the procedures comply with the above requirements. According to the provisions of the standard, manufacturers will be able to verify the products and IMO recommendations consistency.

Ships and marine technology Position-indicating lights of life-saving equipment Product testing, inspection and marking

1 Scope

This standard specifies the various life-saving equipment for use with position-indicating lights of product testing and inspection and labeling requirements, including the lifeboat Lights. Specifically applicable to 1974 in line with international SOLAS as amended (SOLAS) requirements for ships used, in line with IMO the LSA Code, and by the management authority or the National Maritime Safety Agency type approval of position-indicating lights. Position-indicating light manufacturing Addition to complying with IMO requirements, may also consider other fundamental rules adapted to position-indicating lamp.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

IMO A.689 (17) resolution, the IMOMSC.81 (70) resolution, as amended to modify the recommendations of the International Maritime Organization lifesaving equipment testing

3 Terms and Definitions

The following terms and definitions apply to this standard.

Batch lot

Under the same conditions and within the same time-made products, the products as much

as possible with the same type, grade, size and composition.

Ambient temperature $20\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ temperature.

Freshwater Conductivity of not more than $1800\mu\text{S}$ water.

Seawater

By dissolving 3.5% compared with the fresh water dilution of sodium chloride prepared from artificial sea water.

4.1 Manufacturing Guidelines

4.1.1

The manufacturer shall have appropriate manufacturing quality control system to ensure that products produced using the same production method using the same Kind of manufacturing materials, and comply with the National Maritime Safety management authority or agency recognized by the same quality criteria type testing.

Note 1: Chapter 4 will not limit the improvement of the manufacturing process, improve the final product should not cause harmful effects.

Note 2: Recommended compliance with ISO 9001:2000 quality management system requirements.

4.1.2

Recommended product testing and inspection procedures included in the manufacture of effective quality control system, Refer to Appendix A.