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

GB/T 33487-2017

Ships and marine technology -- Ship launching air bags

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188 .1998)

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Foreword

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

This standard uses the re-drafting method to amend the use of international standards ISO 14409..2011 "ships and marine technology ships into the airbag."

The technical differences between this and ISO 14409..2011 and the reasons are as follows.

--- with our standard instead of some international standards;

--- to change the note in 3.9 to be expressed in the text; an increase of 4.4, 4.5;
re-arrangement ISO 14409..2011 Chapter 5 to

Chapter 10 of the standard structure, modified the title to meet the standards of our standards;

- The use temperature of the rubber material used for the balloon has a certain limit, so in Chapter 1, the airbag is added to the applicable environment

Temperature range of content;

--- Because our airbag products have "7 layer curtain fabric high bearing capacity airbag", and ISO 14409..2011 does not include the type, so

In Chapter 4, the type and model of the airbag is added, and the corresponding size and compression are added in Chapter 5

Can parameter

--- ISO 14409..2011 in the requirements of rubber materials, test methods and inspection rules as a whole, does not meet our

Standard preparation provisions, so the part of the content split in Chapter 5 to Chapter 7, respectively;

--- According to our factory inspection of airbags, including "material" inspection, and ISO 14409..2011 does not include the test items, because

This adds the corresponding factory inspection items in 7.3.1.

This standard is proposed by China Shipbuilding Industry Corporation.

This standard is nationalized by the National Marine Ship Standardization Technical Committee (SAC/TC12).

The main drafting unit of this standard. Jinan Changlin Air Container Factory Co., Ltd., China Shipbuilding Industry Comprehensive Technology and Economic Research Institute.

1 Scope

This standard specifies the classification and marking of airbags (hereinafter referred to as airbags) for the launching of ships, requirements, test methods, inspection rules, packaging and transportation.

Lose and store.

This standard is suitable for the use of the ambient temperature range of -25 degrees C ~ 45 degrees C nylon leaching curtain fabric design, manufacture and acceptance.

2 normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article

Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 528 vulcanized rubber or thermoplastic rubber tensile stress and strain properties of the determination (GB/T 528-1998, eqvISO 37.

1994)

GB/T 529 Determination of tear strength of vulcanized rubber or thermoplastic rubber (pants, right angle and crescent specimens) (GB/T 529-

2008, ISO 34-1..2004, MOD)

GB/T 531.1 vulcanized rubber or thermoplastic rubber press hardness test method Part 1. Shore hardness tester (Shore hardness)

(GB/T 531.1-2008, ISO 7619-1..2004, IDT)

GB/T 3512 vulcanized rubber or thermoplastic rubber hot air accelerated aging and heat resistance test (GB/T 3512-2001, eqvISO

188 .1998)

GB/T 7759 vulcanized rubber, thermoplastic rubber at room temperature, high temperature and low temperature compression set (GB/T 7759-1996,

eqvISO 815-1..1991)

GB/T 7762 vulcanized rubber or thermoplastic rubber resistance to ozone cracking static tensile test (GB/T 7762-2003, ISO 1431-1.

1989, MOD)

3 terms and definitions

The following terms and definitions apply to this document.

3.1

Bearing capacity of airbag bearingcapacityofairbag

In the absence of permanent deformation or damage conditions, the balloon can withstand the maximum load when the load.

3.2

Airbag bodyofairbag

The cylindrical part of the balloon at the rated working pressure.

Note. see Figure 3 in the 3.

3.3

Burst pressure burstpressure

The internal pressure when the airbag bursts.

3.4

Airbag diameter diameter of airbag

The diameter of the bladder.