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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 36148.2-2018

Ships and marine technology -- Marine environment protection -- Oil booms -- Part 2: Strength and performance requirements

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Table of Contents

Foreword

GB/T 36148 "Marine and marine technology marine environmental protection boom" is divided into the following four parts.

--- Part 1. Design requirements;

--- Part 2. Strength and performance requirements;

--- Part 3. End connectors;

--- Part 4. Auxiliary equipment.

This part is the second part of GB/T 36148.

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

This section uses the translation method equivalent to ISO 17325-2.2014 "Ship and Offshore Technology Marine Environmental Protection Boom No. 2

Part. Strength and Performance Requirements.

The documents of our country that have a consistent correspondence with the international documents referenced in this part are as follows.

---GB/T 529-2008 Determination of tear strength of vulcanized rubber or thermoplastic rubber (pants, right angles and crescents)

(ISO 34-1.2004, MOD);

---GB/T 7985-2005 Conveyor belt fabric core conveyor belt tear resistance expansion test method (ISO 505.1999, IDT);

--- GB/T 11547-2008 Determination of the properties of plastics, liquids, liquids (ISO 175.1999, MOD);

---GB/T 21478-2016 Marine and marine technology terms related to marine environmental protection oil spill treatment (ISO 16165.

2013, IDT);

---HG/T 2716-2008 Determination of static ozone cracking resistance of rubber or plastic coated fabrics (ISO 3011.1997,

IDT).

This part is proposed and managed by the National Marine Machinery Standardization Technical Committee (SAC/TC137).

This section drafted by. China Shipbuilding Industry Comprehensive Technology and Economic Research Institute.

1 Scope

As a supplement to GB/T 36148.1, this part of GB/T 36148 specifies the detailed strength and performance requirements of the boom and corresponding

Test method. This section does not address safety precautions (if any) related to use. Users of this section are responsible for making

Appropriate safety procedures and the scope of application of the relevant regulations.

2 Normative references

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

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

GB/T 36148.1-2018 Marine and marine technology - Marine environmental protection - Part 1 . Design requirements (ISO

17325-1.2014, IDT)

Rubber and rubber products -- Determination of tear strength - Part 1 . Pants, right angles and crescents

(Rubber, vulcanizedorthermoplastic-Determinationoftearstrength-Part 1.Trouser,angleand

Crescenttestpieces)

Test Method for Determining the Performance of Liquid Chemical Reagents in ISO 175 Plastics (Plastic-Methodsoftestforthedetermi-

Nationoftheeffectsofimmersioninliquidchemicals)

ISO 505 Conveyor Belt Fabric Conveyor Belt Tear Resistance Expansion Test Method (Conveyorbelts-Methodforthedeter-

Mination ofofthetearpropagationresistanceoftextileconveyorbelts)

ISO 3011 Rubber or plastic coated fabrics - Determination of resistance to ozone cracking under static conditions (Rubber-orplastic-

coatedfabrics-Determinationofresistancetoozonecrackingunderstaticconditions)

ISO 16165 Ship and Offshore Technology Marine Environmental Protection Oil Spill Related Terms (Shipsand marine

technology-Marineenvironmentprotection-Terminologyrelatingtooilspilresponse)

ISO 17325-3 Marine and marine technology - Marine environmental protection - Part 3. End connector (Shipsand

marinetechnology-Marineenvironmentprotection-Oilbooms-Part 3. Endconnectors)

3 Terms and definitions

The following terms and definitions as defined by ISO 16165 apply to this document.

3.1

Freshwater freshwater

Water with a salinity of less than 500 mg/L (0.5 ppt).

3.2

Salt water saltwater

Water with a salinity greater than 32,000 mg/L (32 ppt).