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

GB/T 34430.2-2017

**Ships and marine technology -- Protective coatings and
inspection method -- Part 2: Void spaces of bulk carriers and oil
tankers**

(English Translation)

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Foreword

GB/T 34430 "marine and marine protective coatings and inspection methods" is divided into five parts.

- Part 1. Dedicated seawater ballast tanks;
- Part 2. Empty bulk carriers and tanker;
- Part 3. Crude oil tanker;

--- Part 4. Automatic measurement of water-soluble salts;

--- Part 5. Assessment of coating damage.

This section GB/T 34430 Part 2.

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

This section uses the translation method identical with ISO 16145-2:2012 "Ship and marine protection coatings and inspection methods Part 2 Divided. Bulk carrier and tanker empty. " the documents of our country that are consistent with the corresponding international documents that are normative references in this section are as follows.

--- GB/T 8923.3-2009 Steel sheets before coating - Visual evaluation of surface cleanliness - Part 3. Welds, Treatment of surface defects on edges and other areas (ISO 8501-3:2006, IDT)

--- GB/T 13288.1-2008 Before coating the steel surface treatment After blasting steel surface roughness characteristics 1 Part 2. Technical requirements and definitions for comparative specimens of ISO surface roughness used to assess the surface roughness of steel after blasting (ISO 8503-1:1988, IDT)

--- GB/T 13288.2-2011 Steel surface treatment before coating the steel surface after spray cleaning Properties of surface roughness 2 Part 11. Determination of the surface roughness of steel after abrasive blasting Comparative sample method (ISO 8503-2:1988, IDT) this section made the following editorial changes.

--- According to the actual situation, add footnotes in 3.3 and Table 6;

--- According to the hull mapping requirements, improve the Figure 4;

--- In the references to supplement the text cited in the relevant standards.

This part is proposed by China State Shipbuilding Corporation.

This standard by the National Standardization Technical Committee marine craft sub-Technical Committee (SAC/TC12/SC2) centralized.

This part of the drafting unit. Hudong Zhonghua Shipbuilding (Group) Co., Ltd., China Shipbuilding Industry Technology Institute of comprehensive economy.

1 Scope

GB/T 34430 provisions of this part of the bulk carrier and tankers empty tank coating protection and inspection methods.

This section Applies to new ships complying with PSPC/VOID [IMO/MSC.244 (83)] or contracted after October 5, 2007 Ships.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

Visual inspection of surface cleanliness of steel surfaces before application of paints - Part 1. Uncoated of the steel surface and the full removal of the original coated steel surface rust grades and treatment levels (ISO 8501-1:2007, IDT) GB/T 18570.3-2005 Determination of surface cleanliness of steel surfaces before application of paints - Part 3 - Coatings Dust assessment of the surface of the front steel (pressure sensitive tape method) (ISO 8502-3:1992, IDT) GB/T 18570.9-2005 Steel sheets before application of paints and varnishes - Surface cleanliness assessment - Part 9. Water soluble salts Field Conductivity Assay (ISO 8502-9:1998, IDT) ISO 8501-3-20011) Visual inspection of steel substrates before application of coatings - Surface cleanliness - Part 3. Welds, edges and Other areas of the surface defect treatment level

(Preparationofsteelsubstratesbeforeapplicationofpaintsand relatedproducts-Visualassessmentofsurfacecleanliness-Part 3: Preparationgradesofwelds, cut edgesandotherareaswithsurfaceimperfections)

1) This standard has been superseded by ISO 8501-3:2006.

ISO 8503-1:2012 Steel sheets before application of paints and varnishes - Surface roughness characteristics of blast - cleaned steel substrates - Part 1.

ISO of the surface roughness of the steel surface after the blasting clean up the technical requirements and definitions of comparative samples (Preparationofsteel substratesbeforeapplicationofpaintsandrelatedproducts-Surfaceroughnessracteristicsofblast -cleanedsteelsubstrates-Part 1: SpecificationsanddefinitionsforISO

surfaceprofilecomparatorsfortheas-sessmentofabrasiveblast-cleanedsurfaces) ISO 8503-2:2012 Steel sheets before application of paints and varnishes - Surface roughness characteristics of blast-cleaned steels - Part 2 - Wear Material blasting after cleaning steel surface roughness rating method of comparison sample block method

(Preparationofsteelsubstratesbefore applicationofpaintsandrelatedproducts-Surfaceroughnessracteristicsofblast-cleanedsteel substrates-Part 2. Method of grading of surface profile of abrasiveblast-cleanedsteel-Compa-ratorprocedure) SOLAS regulation II-1/3-2 adopted by resolution IACSUIISC223 MSC.215 (82) "All types of vessels Ballast tanks and bulk carriers at both sides of the protective coating performance standards (PSPC) "application [For Application of SOLAS Regulation II-1/3-2 Performance Standard for Protective Coatings (PSPC) forDedicated Sealer BalastTanks inAlTypes ofShipsandDouble-sideSkinSpacesofBulkCarriers, adoptedbyResolutionMSC.215 (82)] IMO/MS.244 (83) Performance standard for protective coatings on bulk carriers and

tankers (Performance standard for protective