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

GB/T 8923.2-2008

**Preparation of steel substrates before application of paints and related products
-- Visual assessment of surface cleanliness -- Part 2: Preparation grades of
previously coated steel substrates after localized removal of previous coatings**

(English Translation)

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Foreword

GB/T 8923 "steel substrates before application of paints Visual assessment of surface cleanliness" is divided into the following sections.

- Part 1. uncoated steel surfaces and fully remove the original steel surface coating after Rust grades and preparation grades;
- Part 2. coated steel surface has a partial removal of previous coatings after processing level;
- Part 3. welding, cutting and edge processing level surface defects in other regions;
- Part 4. with high-pressure water jetting treatment-related initial surface condition, treatment and rust grade level.

This section GB/T 8923 Part 2.

This part identical with ISO 8501-2:1994 "steel substrates before application of paints and visual assessment of surface cleanliness - Part 2 Score. already coated steel surface partial treatment after the removal of previous coatings grades "(in English).

This section is equivalent translation ISO 8501-2:1994.

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

- "This International Standard" be replaced by "this section";
- With a comma ",", instead of a comma as described, "";
- Remove the foreword and introduction of international standards;
- Due to the removal of the introduction of international standards, where "Note 1" is subsequently deleted, therefore, modify the text of the note number;
- Is clearly visible, add two numbers in Article 4.2, 4.3 and 4.4, and accordingly added 4.2.1,4.3.1,4.4.1 Article title "Overview" in Chapter 5 and 5.1,5.2,5.3, add at the beginning of the suspension segment article number and article title, article number thereafter be extended accordingly modify;

--- Increasing the mesh as reference information appendix A.

This part is proposed by the China State Shipbuilding Corporation.

This part of the National Standardization Technical Committee before painting and metal surface treatment and painting process under the jurisdiction of the Technical Committee paint pigment.

This section drafted by. China Shipbuilding Technology and Economy Research Institute, The 11th Institute of China Shipbuilding Industry, Shandong Kai Tai Metal Abrasive Co., Ltd.

1 Scope

GB/T 8923 provisions of this part of a series of localized removal treatment after the original grade coated steel surface. Various processing grades by text Word is described (see Chapter 4) and the typical photo model given in ISO 8501-1 common definition. In addition, given the display at PSa2 and PMA Photo management level samples.

GB/T 8923 This section applies to, such as by blast cleaning, hand and power tool cleaning and mechanical abrasion, etc. for coating Steel surface coating paint pre-treatment.

GB/T 8923 to this part of the visual appearance of steel to represent its surface cleanliness. In most cases, this is sufficient, but is likely to be placed in harsh environments, such as coatings and continuous immersion environment condensing environments, should consider the use of physical and chemical methods to detect the naked eye is invisible contaminants on the cleaning surface of soluble salts and other observations, the specific detection methods, see the various parts of ISO 8502 Provisions. Surface roughness characteristics should also refer to the provisions of ISO 8503.

2 Normative references

The following documents contain provisions which, through GB/T reference in this 8923 constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 5210-2006 Paints and varnishes - Pull - off adhesion test (ISO 4624.20021), IDT) ISO 2409.19922) Paints and varnishes cut test ISO 4627. 1981 Paints and adaptive assessment test paint and varnish coated surface method Evaluation 19823) assess the extent of the general type of defects Paints and varnishes aging, the number and size of. ISO 4628-1 Part 1. General and ranking table the first assessment of the extent of the general assessment of the type of defects 1982 Paints and varnishes aging, the number and size of. ISO 4628-2 Part 2. Evaluation of gassing the first assessment of the extent of the

general assessment of the type of defects 1982 Paints and varnishes aging, the number and size of. ISO 4628-3 Part 3. Evaluation of corrosion level the first assessment of the extent of the general assessment of the type of defects 1982 Paints and varnishes aging, the number and size of. ISO 4628-4 Part 4. Evaluation of cracking grade the first assessment of the extent of the general assessment of the type of defects 1982 Paints and varnishes aging, the number and size of. ISO 4628-5 Part 5. Evaluation level off

1) In the ISO 8501-2:1994, and this standard is ISO 4624. 1987. The ISO 4624:2002 instead of ISO 4624. 1987.

2) GB/T 9286-1998 equivalent to ISO 2409:1992.

3) GB/T 1766-1995 equivalent to a non-ISO 4628-1 ~ 4628-5. 1980.

GB/T 8923.2-2008/ISO 8501-2:1994