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

GB/T 13288.1-2008

**Preparation of steel substrates before application of paints and related products --
Surface roughness characteristics of blast-cleaned substrates -- Part 1: Specifications
and definitions for ISO surface profile comparators for the assessment**

涂覆涂料前钢材表面处理 喷射清理后的钢材表面粗糙度特性 第1部分: 用于评定
喷射清理后钢材表面粗糙度的ISO

(English Translation)

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Foreword

GB/T 13288 "steel substrates before application of paints and spray cleaned steel surface roughness characteristics" is divided into the following sections.

- Part 1. Technical requirements and definitions used to assess post-blast cleaning of steel surface roughness ISO roughness comparison sample block;
- Part 2. Determination after abrasive blast cleaning of steel surface roughness comparison specimens class method;
- Part 3. calibration and ISO surface roughness comparison specimens surface roughness measuring method microscope focusing method;
- Part 4. ISO calibration and surface roughness comparison specimens surface roughness measurement method stylus method;
- Part 5. Surface roughness adhesive tape copy assay.

This section GB/T 13288 Part 1.

This part identical with ISO 8503-1. 1988 "paint-coated steel surface before the steel surface roughness characteristics of blast - cleaned Part 1. Technical requirements and definitions used to assess post-blast cleaning of steel surface roughness of ISO surface profile comparators block "(English Chinese Version).

This section is equivalent translation ISO 8503-1. 1988.

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, "";
- Increasing the mesh as reference information appendix B;
- Remove the foreword and introduction of international standards.

This section of the Appendix A, Appendix B are informative appendices.

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 is drafted. 11th Institute of China Shipbuilding Industry, Technical and Economic Research Institute of China Shipbuilding Industry, Shandong Kai Tai Metal Abrasive Co., Ltd.

1 Scope

GB/T 13288 This part is related to abrasive blast cleaning after a part of the steel surface roughness evaluation criteria. This part Regulation Given the comparison with visual and tactile technical requirements after abrasive blast cleaned steel surface roughness Roughness comparison specimens ISO block. ISO Roughness comparison specimens for on-site assessment of steel surfaces before application of paints and abrasive blast cleaned roughness.

Note: These special comparison specimens can be used to evaluate other abrasive blast cleaned substrate roughness characteristics of, and not limited to the measurement of the surface before application of paints.

GB/T 13288 are also included in this section GB/T terms are defined in other parts of the 13288.

2 Normative references

The following documents contain provisions which, through reference GB/T 13288 in this section constitute provisions of this section. 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.

ISO 2632-2 Roughness comparison sample Part 2. electrical ablation, shot blasting and sandblasting, grinding

1) GB/T 3505-2000 equivalent to ISO 4287:1997. The ISO 4287:1997 instead of ISO 4287-1. 1984 and ISO/DIS4287-1.1995.

2) GB 8923-1988 equivalent to ISO 8501-1. 1988.

3) GB 13288-1991 for the reference to the use of ISO 8503. 1985.

4) GB/T 18839.2-2002 equivalent to ISO 8504-2:2000.

ISO 4287-11) Surface roughness - Terminology - Part 1. Surface and its parameters ISO 4618 Paints and varnishes - Vocabulary ISO 8501-1. 19882) before application of paints

and surface treatment of steel surface cleanliness Visual assessment - Part 1. Not coated
Rust grades and preparation grades of steel surfaces and steel surfaces after overall
removal of previous coatings ISO 8503-23) steel surface blast cleaned steel substrates
before application of paints roughness characteristics - Part 2. Abrasive jet After the exit
cleaned steel surface roughness comparison specimen level determination method ISO
8503-3 steel surfaces before application of paints and steel surface roughness after blast -
cleaning characteristics - Part 3. ISO table Calibration and determination of the surface
roughness surface roughness comparison specimens microscope focusing method ISO
8503-4 steel surfaces before application of paints and steel surface roughness after blast -
cleaning properties - Part 4. ISO table Calibration and determination of surface roughness
comparison specimens surface roughness of a stylus ISO 8504-24) of steel substrates
before application of paints and surface treatment method - Part 2. Abrasive blast - cleaning
GB/T 13288.1-2008/ISO 8503-1. 1988