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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 17850.6-2011

Preparation of steel substrates before application of paints and related products -- Specifications for non-metallic blast-cleaning abrasives -- Part 6: Iron furnace slag

涂覆涂料前钢材表面处理 喷射清理用非金属磨料的技术要求 第6部分:炼铁炉渣

(English Translation)

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Foreword

GB/T 17850 "steel substrates before application of paints and non-metallic blast - cleaning abrasives" is divided into the following sections.

--- Part 1. introduction and classification;

--- Part 2. silica sand;

--- Part 3. Copper refinery slag;

--- Part 4. Coal furnace slag;

--- Part 5. Nickel refinery slag;

--- Part 6. Iron furnace;

--- Part 7. Fused aluminum oxide;

--- Part 8. Olivine sand;

--- Part 9. Cross stone;

--- Part 10. garnet;

--- Part 11. Special steel slag sand.

This section GB/T 17850 Part 6.

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

This section uses the translation method identical with ISO 11126-6:1993 "before application of paints and surface treatment of steel mill blast - cleaning nonmetallic Material technology - Part 6. Iron furnace. " Consistency correspondence between this part of international documents and normative references of our files are as follows.

--- GB/T 17849-1999 steel substrates before application of paints and non-metallic blast - cleaning abrasives Test Method (eqv ISO 11127-1 ~ 11127-7.1993).

This part made the following editorial changes.

--- Is clearly visible, in Article 6.1 adds two numbers.

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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 processes Technical Committee paint pigment (SAC/TC5/SC6) centralized.

This section drafted by. China State Shipbuilding Corporation eleventh Institute, Technical and Economic Research Institute of China Shipbuilding Industry.

1 Scope

GB/T 17850 provisions of this part of the iron-smelting slag blast - cleaning abrasive particle size range, the apparent density, Mohs hardness, containing Water, flooding the electrical conductivity and the content of water-soluble chloride solution.

The requirements of this provision apply only to non abrasive used, does not apply to used abrasive.

Test methods for non-metallic blast - cleaning abrasives found in various parts of ISO 11127.

Note 1: The world standard reference generally relevant non-metallic abrasives see Appendix A.

Note 2: Although this section to meet the requirements of special steel surface treatment developed, but these features provisions generally apply to the use of blast cleaning Surface or parts of other materials processing technology. These provisions have been in ISO 8504-2.20001) "before application of paints and surface treatment of steel surface Processing methods - Part 2. Abrasive blast clean-up "below.

1) The standard ISO 11126-6:1993 for ISO 8504-2:1992. GB/T 18839.2-2002 to modify the use of ISO 8504-2:2000.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 11127-1:1993 steel substrates before application of paints and test methods for non - metallic blast - cleaning abrasives - Part 1.

Sampling (Preparationofsteelsubstratesbeforeapplicationofpaintsandrelatedproducts-Testmethods fornon-metalicblast-cleaningabrasives-Part 1. Sampling) ISO 11127-2:1993 steel substrates before application of paints and test methods for non - metallic blast - cleaning abrasives - Part 2.

Determination of particle size distribution

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(Preparationofsteelsubstratesbeforeapplicationofpaintsandrelated products-Testmethodsfornon-metalicblast-cleaningabrasives-Part 2. Determinationofparticle sizedistribution) ISO 11127-3:1993 steel substrates before application of paints and test methods for non - metallic blast - cleaning abrasives - Part 3.

Determination of apparent density (Preparationofsteelsubstratesbeforeapplicationofpaintsandrelatedproducts-Testmethodsforn on-metalicblast-cleaningabrasives-Part 3. Determinationofapparentdensity) ISO 11127-4:1993 steel substrates before application of paints and test methods for non - metallic blast - cleaning abrasives - Part 4.

By water glass slide test to assess hardness (Preparationofsteelsubstratesbeforeapplicationofpaintsandrelated products-Testmethodsfornon-metalicblast-cleaningabrasives-Part 4. Assessmentofhardnessby aglassslidetest) ISO 11127-5:1993 steel substrates before application of paints and test methods for non - metallic blast - cleaning abrasives - Part 5.

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