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

GB/T 26106-2010

**Mechanically deposited coatings of zinc -- Specification and
test methods**

机械镀锌层 技术规范和试验方法

(English Translation)

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Foreword

This standard is identical with ISO 12683:2004 "Mechanical galvanizing layer specification and test methods" (in English).

This standard is based on ISO 12683:2004 Translation drafted.

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

--- In Appendix A under the heading "additional information" to "mechanical galvanizing process and coating characteristics";

--- Delete international standards foreword, preface increased our standards;

--- "This International Standard" be replaced by "this standard";

--- References to international standards corresponding to the national standards.

Appendix B of this standard is a normative appendix, Appendix A is an information appendix.

The standard proposed by China Machinery Industry Federation.

This standard layer Standardization Technical Committee (SAC/TC57) administered by the National Metal and non-metal cover.

This standard drafting of the main unit. Wuhan Institute of Material Protection, Beijing Yongtai and metal anti-corrosion Technology Co., Ltd., Ma On Shan Ding Tai Technology Co., Ltd., Wuhan Hong McNair Technology Development Co., Ltd., Hangzhou Paradise Umbrella Group Co., Ltd.

1 Scope

This standard specifies requirements for the protective metal workpiece mechanical galvanizing layer. This standard also describes the relevant tests of mechanical zinc coating method.

Note: Appendix A describes a metallic coating process a mechanical galvanized. This standard suitable for mechanical plating metal is zinc.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1:1999, IDT) GB/T 3138 metal plating and chemical treatment and related process (GB/T 3138-1995, neq ISO 2079. 1981) GB/T 4955 Metallic coatings - Measurement of coating thickness anodic dissolution coulometry (GB/T 4955-2005, ISO 2177.

2003, IDT)

GB/T 4956 on a non-magnetic substrate magnetic coatings Measurement of coating thickness - Magnetic method (GB/T 4956-2003, ISO 2178. 1982, IDT) GB/T 6462 and the metal oxide coating layer thickness measurement microscope method (GB/T 6462-2005, ISO 1463:2003, IDT) GB/T 10125 artificial atmosphere corrosion test salt spray test (GB/T 10125-1997, eqv ISO 9227:1990) GB/T 12334 Metallic and other inorganic coatings - Definitions and general rules on thickness measurements (GB/T 12334-2001, ISO 2064:1993, IDT) GB/T 16921 Metallic coatings - Measurement of coating thickness X-ray method (GB/T 16921-2005, ISO 3479:2000, IDT) GB/T 18253 Steel and steel products inspection document type (GB/T 18253-2000, eqv ISO 10474:1991) GB/T 19349 Metallic and other inorganic coatings to reduce the risk of hydrogen embrittlement of steel pretreatment (GB/T 19349-2003, ISO 9587:1999, IDT) Determination of GB/T 20017 Metallic and other inorganic coatings mass per unit area of \u200bu200bgravimetric and

chemical analysis Review (GB/T 20017-2005, ISO 10111:2000, IDT) GB/T 26107 metal and other inorganic coatings residual hydrogen embrittlement test oblique plated and non-plated metal and externally threaded screw Wedge method (GB/T 26107-2010, ISO 10587:2000, IDT) ISO 9220. 1988 metallic coating thickness measurement scanning electron microscope

3 Terms and Definitions

GB/T 3138, GB/T 12334 and established in the following terms and definitions apply to this standard.

Mechanical Plating mechanically deposited coating in a rotating drum, there is a medium impact (usually glass beads) and, where appropriate chemical conditions of the medium, no current or heating, gold