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

中华人民共和国国家标准

GB/T 24180–2009

**Cold-reduced electrolytic chromium/chromium oxide
coated steel sheet and strip**

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Foreword

This Standard is formulated according to JIS G3315: 2008 *Chromium coated tin free steel* (In Japanese), ASTM A623M-08 *Standard Specification for Tin Mill Products, General Requirements* (In English), ASTM A657M-03 *Standard Specification for Tin Mill Products, Black Plate Electrolytic Chromium-Coated, Single and Double Reduced* (In English), EN 10202: 2001 *Cold Reduced Tinmill Products Electrolytic Tinplate and Electrolytic Chromium / Chromium Oxide Coated Steel* (In English) and ISO 11950: 1995 *Cold-reduced electrolytic chromium/chromium oxide-coated steel* (In English).

Annex A of this Standard is normative annex, Annex B and C are informative annex.

This Standard is proposed by China Iron and Steel Association

This Standard is under the jurisdiction of National Steel Standardization Technical Committee.

The responsible drafting organizations are Baosteel Co., Ltd, China Metallurgical Information and Standardization Research Institute and Zhongshan Zhongyue Tin Industry Co., Ltd

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Cold-reduced electrolytic chromium/chromium oxide coated steel sheet and strip

1 Scope

This standard specifies the classification and code, dimensions, appearance, weight and allowable deviation, technical requirements, inspection and testing, packaging, sign and quality certificate, etc. of cold-reduced electrolytic chromium steel sheets and strips.

This standard is applicable to single cold-reduced electrolytic chromium steel sheets and strips with nominal thickness of 0.15mm-0.60mm and double electrolytic chromium steel sheets and strips (hereinafter referred to as steel sheets and strips) with nominal thickness of 0.12mm-0.36mm.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 228 Metallic materials--Tensile testing at ambient temperature (GB/T 228-2002, eqv ISO 6892: 1998)

GB/T 230.1 Metallic materials - Rockwell hardness test - Part 1: Test method(scales A、B、C、D、E、F、G、H、K、N、T) (GB/T 230.1-2009, ISO 6508-1: 2005, MOD)

GB/T 247 General rule of acceptance, package, mark and certification for steel plates (sheets) and strips

GB/T 708 Dimension shape weight and tolerance for cold-rolled steel plates and sheets

GB/T 2520 Cold-reduced electrolytic tinplate

GB/T 8170 Rules of rounding off for numerical values & expression and judgement of



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