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

GB/T 25835-2010

Epoxy-coated steel wires for cables

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. The Standard Appendix A and Appendix B are normative appendix. The standard proposed by China Iron and Steel Association. This standard by the National Steel Standardization Technical Committee (SAC/TC183) centralized. This standard was drafted. Liuzhou OVM Machinery Co., Ltd., Metallurgical Industry Information Standards Institute, Jiangyin Fasten Sumiden new material Material Limited. The main drafters of this standard. Huangfang Wei, Li read right, Wangling Jun, Jin Ping, Rencui Ying, Chen Hsiao, Huang Jiu, Ma Weijie. Epoxy coated steel wire rope

1 Scope

GB/T 25835-2010 is the Chinese national standard on epoxy-coated steel wires for cables, in the field of metallurgy. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 23 December 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2011. Classification: ICS 77.140.65, CCS H49. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the terms and definitions with epoxy coated steel wire rope, product marking, ordering the content, materials, coating, technical requirements, coating Repair, test methods, inspection rules, packaging, marking and quality certification. This standard applies to bridges, buildings, and other areas of geotechnical anchoring higher corrosion requirements of the cable structure.

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.

GB/T 2103 General provisions wire acceptance, packaging, marking and quality certificate

GB/T 5223 prestressed concrete steel wire

GB/T 6461 on the metal base metals and other inorganic coatings by etching after the test specimens and ratings

GB/T 10125 artificial atmosphere corrosion test salt spray test Determination of

GB/T 13452.2 Paints and varnishes thickness

GB/T 20624.2-2006 Paints and varnishes - Rapid - deformation (impact resistance) tests - Part 2. Falling - weight test (small area shower)

GB/T 21839 Test Method for prestressed concrete steel ASTM D1141 seawater substitutes

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Epoxy powder coating epoxycoating powder With epoxy resin as the main film-forming material combined with a molten thermosetting powder coating.

3.2 Epoxy powder coating epoxycoating Epoxy powder by electrostatic or other means uniform film was coated on the rear surface of the wire and cured to form the fusion bonding. The standard abbreviation "Epoxy coating."

3.3 Epoxy coated steel epoxy-coated steel wire Uniformly coated the surface of a dense layer of epoxy-coated steel wire protective film.

3.4 Repair materials patching material Compatible with epoxy powder coating and performance equivalent material, epoxy coating for repairing damaged parts of the wire coating and cutting parts.