

ICS 59.120.01
CCS W 90

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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 91006-2007

Replacing FZ/T 91006-1995

**Textile machinery. Coating and chemical treatment
(English Translation)**

Issued on: May 29, 2007

Implemented on: November 1, 2007

**Issued by: National Development and Reform Commission of the
People's Republic of China**

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Foreword

Instead of the standard FZ/T 91006-1995 "plating and chemical coating." this standard FZ/T 91006-1995 main differences are as follows.

- According to GB/T 13911-1992 "metal plating and chemical treatment representation", modify the original standard of Chapter 1 (Chapter 4 edition) "Plating (coating) labeling method" and other standards related to representation;
- Original standard Chapter 2, "Conditions of Use Categories" was changed to Chapter 6, "plating and service conditions of chemical processing of category";
- Increase in Chapter 2, "Normative references", Chapter 3, "Terms and Definitions", Chapter 5, "the demand side, shall supply the information provided by" Article Chapter 9, "plating and chemical treatment requirements";
- Increase in Appendix A "metal plating and chemical treatment symbols that represent old and new labeling controls" and Appendix B "plated parts machined surface roughness Roughness before plating and after plating surface roughness corresponding relationship";
- Delete the original standard Chapter 4, "plating (coating) design, machining and metal

coating material and relationship";

--- Original standard Chapter 5 (Chapter 8 edition) "plating (coating) technology" was changed to "plating thickness level and scope" and delete the pollution, more toxic processes, such as cadmium plated. While increasing the content of the new technology;

--- Reference plating and chemical treatment of the relevant test methods and sampling of national standards, a comprehensive revision of the original standard of Chapter 6, "Test Method Rules and acceptance "(Chapter 10 of this edition).

Appendix A of this standard and Appendix B is an informative annex.

The standard proposed by China Textile Industry Association.

This standard by the National Standardization Technical Committee Textile machinery and accessories.

This standard is mainly drafted by. Textile Machinery Research Institute, Zhengzhou Textile Machinery Company Limited, Changde Textile Machinery Company Limited, Jingwei Textile Machinery Co., Ltd. Yuci Branch, Qingdao Hongda Textile Machinery Company Limited.

1 Scope

This standard specifies the textile machinery metal plating and chemical treatment of terms and definitions, representation and representation symbols, the demand side, supply side should mention Conditions of service data, plating and chemical processing for classification, selection principles, plating layer thickness levels and scope of application, coating and chemical treatment Requirements, test methods and acceptance criteria as well as packaging, transportation and storage.

This standard applies to textile machinery, textile special parts and equipment, textiles and electrical appliances, textiles instrumentation metal or nonmetal parts plating, chemical Electroless plating, electrochemical and chemical treatments.

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 90.1-2002 fasteners acceptance inspection (ISO 3269:2000, IDT) GB/T 4955-2005 Metallic coatings - Measurement of coating thickness Coulomb anodic dissolution method (ISO 2177:2003, IDT) GB/T 4956-2003 on a non-magnetic substrate magnetic coatings Measurement of coating thickness - Magnetic method (ISO 2178. 1982, IDT) GB/T

5267.1-2002 fasteners plating layer (ISO 4092:1999, IDT) Test Method Review Metallic coatings electrodeposited layer and chemically deposited layer adhesion strength GB/T 5270-2005 on the metal substrate (ISO 2819. 1980, IDT) GB/T 6461-2002 metal base metal and other inorganic coatings by etching after the test specimens and ratings (ISO 10289:1999, IDT) GB/T 6462-2005 and the metal oxide coating layer thickness measurement microscope method (ISO 1463:2003, IDT) GB/T 9790-1988 Metallic coatings and other relevant overlay Vickers and Knoop hardness test (neq ISO 4516.

1980)

GB/T 9800-1988 chromate electroplated zinc and cadmium coatings conversion coatings (eqv ISO 4520. 1981) GB/T 10125-1997 Corrosion tests in artificial atmospheres - salt spray test (eqv ISO 9227:1990) GB/T 11376-1997 metal phosphate conversion coating (eqv ISO 9717:1990) GB/T 11378-2005 Metallic coatings - Measurement of coating thickness profile gauge method (ISO 4518. 1980, IDT) GB/T 11379-1989 Metallic coatings engineering chromium plating layer (neq ISO 6158. 1984) GB/T 12609-2005 Electrodeposited metallic coatings and related finishes - Sampling procedures (ISO 4519. 1980, IDT) GB/T 13911-1992 metal plating and chemical treatment representation GB/T 13913-1992 autocatalytic Ni - P coating technology requirements and test methods (neq ISO 4527. 1987) GB/T 17721-1999 Metallic coatings - Porosity tests Ferron test (eqv ISO 10309:1994) QB/T 3823-1999 light industrial products metal coating porosity testing methods

3 Terms and Definitions

The following terms and definitions apply to this standard.