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

GB/T 17780.6-2012

Replacing GB/T 17780-1999

**Textile machinery -- Safety requirements -- Part 6: Fabric
manufacturing machinery**

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Foreword

GB/T 17780 "Safety requirements for textile machinery" is divided into seven parts.

- Part 1. General requirements;
- Part 2. Spinning preparatory and spinning machinery;
- Part 3. Nonwoven machinery;
- Part 4. Yarn processing machinery and ropes;
- Part 5. weaving and knitting preparatory machinery;
- Part 6. Weaving machinery;
- Part 7. Dyeing and finishing machinery.

This section GB/T 17780 Part 6.

This section drafted in accordance with GB/T 1.1-2009, rules GB/T 20000.2-2009 given.

This Part replaces GB/T 17780-1999 "Textile machinery - Safety requirements" in part (Chapter 11), the content is not in place

"General requirements" section and the following five types of equipment related to the safety requirements. Spinning preparatory and spinning machinery, non-woven fabric machinery, yarn and rope

Soga machinery, weaving and knitting preparatory machinery, dyeing and finishing machinery. These elements will be separately incorporated GB/T Part 1 - 517 780 and 7 section.

This portion of the GB/T 17780-1999 "Textile machinery - Safety requirements" in Chapter 11, compared to the main changes are.

- As GB/T 17780 Part 6, an increase of 1 to 4,6,7 chapter;
- "General requirements loom" (5.2.1) adds 5.2.1i);
- "Warp knitting machine (including the stitching machine) and Raschel machines" (5.3.4) adds 5.3.4d).

The partial modification of the use of ISO 11111-6:2005 "Textile machinery - Safety requirements - Part 6. weaving machinery."

This section according to ISO 11111-6:2005 redrafted. This part of ISO 11111-6:2005 is a technical difference between the reference

Relevant international and foreign standards to the corresponding national standards.

Normative references on the part of the technical differences have been adjusted to suit the application of specific adjustments are as follows.

- Equivalent to international standards with the GB/T 7111.1 instead of ISO 9902-1 (see Chapters 6 and 7);
- Equivalent to international standards with the GB/T 7111.6 instead of ISO 9902-6 (see Chapters 6 and 7);
- With equivalent international standard ISO 13850:2006 is replaced by GB 16754-2008 ISO 13850:1996 [see 5.2.9a)];
- Equivalent adoption of international standards ISO 13856-2 of GB/T 17454.2 replaced EN1760-2 [see 5.3.2b) 2)];
- With a modified adoption of international standards of GB/T 17780.1-2012 instead of ISO 11111-1:2005 (see paragraph 1 to 7);
- Equivalent adoption of international standards GB/T 16855.1-2008 instead of ISO 13849-1:1999 [see 5.2.1h)];
- Equivalent adoption of international standards of GB 17888.1 instead of ISO 14122-1 [see 5.3.4d)];
- Equivalent adoption of international standards of GB 17888.2 instead of ISO 14122-2 [see 5.3.4d)];
- Equivalent adoption of international standards of GB 17888.3 instead of ISO 14122-3 [see 5.3.4d)];
- Equivalent adoption of international standards of GB 17888.4 instead of ISO 14122-4 [see 5.3.4d)];
- Equivalent adoption of international standards GB/T 19436.1-2004 instead of IEC 61496-1:1997 [see 5.2.1b) 1)];
- Equivalent adoption of international standards GB/T 19436.2-2004 instead of IEC 61496-2:1997 [see 5.2.1b) 1)];
- Increased references identical with ISO 13857:2008 is replaced by GB 23821-2009 ISO 13852:1996 [see 5.3.4b)]

1)].

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

--- "This part of ISO 11111" to "GB/T 17780 in this section";

--- Delete ISO 11111 foreword;

--- Introduction to modify the ISO 11111 become part of the introduction.

This part is proposed by the China Textile Industry Association.

This part of the National Standardization Technical Committee Textile machinery and accessories (SAC/TC215) centralized.

This section drafted by. China Textile Machinery Association, Jingwei Textile Machinery Co., Ltd. Yuci Branch, Hengtian Heavy Industries shares

Ltd., Jinzhong Development Zone Best Machinery Manufacturing Co., Ltd., Shenzhen City, measuring Detection Technology Co., Ltd., Shanghai Textile Machinery has a

Textile Machinery Company Limited seven subsidiaries, Shaoyang Textile Machinery Co., Ltd., Shanxi Hongji Technology Co., Ltd., Jiangsu Hongyuan Textile Machinery shares have

Ltd., Suzhou Industrial Park Institute of Vocational and Technical College, Qingdao Hongda Textile Machinery Company Limited, a Shanghai Textile Machinery Co., Ltd., Tianjin-Hong

Textile Machinery Co., Ltd., Wuxi Textile Machinery Research Institute.

Introduction

International Standard ISO 11111-1 ~ 11111-7 by ISO /TC72 and CEN/TC214 jointly developed and based on "Vienna Association

Fixed "by, in order to facilitate the design and production of textile machinery apply the same safety standards.

GB/T 17780.1 ~ 17780.7 modify using ISO 11111-1 ~ 11111-7.2005.

GB/T 17780 is a complete supply to all those who care about the safety of textile machinery, textile machinery, such as designers, manufacturers, and system

Suppliers like to develop, but it is also the textile machinery users and security experts are concerned.

This section is in accordance with GB/T 15706.1-2007/ISO 12100-1.2003 Class C standard special provisions enacted. GB/T 17780

Each part relates to potentially significant risk factor for the textile industry used textile machinery is present. Standard covers involved

Various risk factors of the machine range.

When the provisions of the Class A or Class C standard content of B class is not the same standard shall prevail C class standards.

Risk factors for those machines or components in the GB/T 17780 not mentioned in the relevant sections of existence, the designer should be based on

GB/T 16856/ISO 14121 to make a risk assessment of its content, and to lower the risk.

The contents of this section should be used in conjunction with GB/T 17780.1. As far as possible in accordance with the requirements of this part of the GB/T 17780.1 of 5

Chapter 6 for processing. GB/T 17780.1 Chapter 5 contains frequent danger for textile machinery and the corresponding security

Requirements and/or measures, Chapter 6 describes the major risk textile machinery special parts (such as rollers) and parts and corresponding safety requirements and/or measures,

These safety requirements and/or measures have been cited in this section.

Textile machinery - Safety requirements

Part 6. Weaving Machinery

1 Scope

GB/T 17780 provisions of this part of the major risk weaving machinery and related safety requirements and/or measures.

This section applies to weaving, all machines, equipment and related devices used knitting and tufting.

This part of GB/T 17780.1 combination.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the edition before apply to this article

Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 7111.1 Textile machinery - Noise test code - Part 1. General requirements (GB/T 7111.1-2002, eqv

ISO 9902-1:2001)

GB/T 7111.6 Textile machinery - Noise test code - Part 6. Weaving Machinery (GB/T