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

GB/T 17780.2-2012

Replacing GB/T 17780-1999

**Textile machinery -- Safety requirements -- Part 2: Spinning
preparatory and spinning machines**

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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 2.

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

This section GB/T 17780 instead of GB/T 17780-1999 "Textile machinery - Safety requirements" in part (Chapter 7), not

Instead content is "General requirements" section and the following five types of equipment related to the safety requirements. non-woven fabric machinery, yarns and ropes machine

Machinery, weaving and knitting preparatory machinery, weaving, dyeing and finishing machinery. These elements will be separately incorporated GB/T first and the ~ 317 780 Part 7.

This portion of the GB/T 17780-1999 "Textile machinery - Safety requirements" in Chapter 7, compared to the main changes are.

- a) as GB/T Part 217 780, an increase of 1 to 4,6,7 chapter.
- b) increased "on charter flights and cotton to cotton tank" (5.2.4) security requirements.

The partial modification of the use of ISO 11111-2:2005 "Textile machinery - Safety requirements - Part 2. Spinning preparatory and spinning machinery."

This section according to ISO 11111-2:2005 redrafted. This part of ISO 11111-2:2005 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 7111.2 instead of ISO 9902-2 (see Chapters 6 and 7);
- Use equivalent to international standards EN349:1993 instead of the GB 12265.3-1997 ISO 13854:1996 [see 5.2.2e)];
- 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 15706.1-2007 instead of ISO 12100-1:2003 [see 5.7.8a)];
- Equivalent adoption of international standards GB/T 15706.2-2007 instead of ISO 12100-2:2003 [see 5.4j)];
- Equivalent adoption of international standards GB/T 16855.1-2008 instead of ISO 13849-1:1999 [see 5.2.2b), 5.41), 5.6d)];
- With a modified adoption of international standards of GB/T 18831-2010 instead of ISO 14119:1998 [see 5.2.3b)];
- Equivalent adoption of international standards ISO 13856-1:2001 in GB/T 17454.1-2008 instead of EN1760-1:1997 (see 5.2.2,5.2.5);

--- Equivalent adoption of international standards ISO 13856-2.2001 in GB/T 17454.2-2008 replaced EN1760-2 (see 5.2.2,

5.2.5,5.6);

--- Equivalent adoption of international standards ISO 13856-3. GB 2006's/T 17454.3-2008 replaced prEN1760-3.2002 [see

5.4h)];

--- With equivalent international standard ISO 13857.2008 is replaced by GB 23821-2009 ISO 13852.1996, ISO 13852.

1998 [see 5.2.3a), 5.3,5.4,5.5.3].

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, Tianjin Hongda Textile Machinery Company Limited, Qingdao Hongda Textile Machinery has

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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 in

Chapters 5 and 6 for processing. GB/T 17780.1 Chapter 5 contains a danger for the frequent occurrence of textile machinery and the corresponding

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

Measures, these security requirements and/or measures have been cited in this section.

Textile machinery - Safety requirements

Part 2. Spinning preparatory and spinning machinery

1 Scope

GB/T 17780 provisions of this part of the major risk spinning preparatory and spinning machinery and corresponding safety requirements and/or measures.

This section applies to opening, cleaning, blending, scouring, packaging, carding, tow cutting and stretch-breaking spinning, spinning preparation process after carding Road

And all the machinery, equipment and related equipment for use in spinning.

This section should be used in conjunction with the GB/T 17780.1.