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

GB/T 16160-2017

Replacing GB/T 16160-2008

Anthropometric definitions and methods for garment

服装用人体测量的尺寸定义与方法

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 16160-2008 "parts and methods of human body measurement with clothing", compared with GB/T 16160-2008 main The changes are as follows:

--- Modify the name of the standard, revised as "clothing with body size measurement and definition of methods" (see the cover,.2008 edition of the cover);

--- Modify the standard range (see Chapter 1,.2008 edition of Chapter 1);

--- Modify the horizontal size of the schematic and modify the head circumference, neck circumference, upper arm circumference, wrist circumference, thigh circumference measurement method, add the neck Root circumference, shoulder length, total shoulder width, back width, chest circumference, width between two nipples (women), under the bust (women) waist circumference, hip circumference, palm circumference, thigh circumference, Knee circumference, lower knee circumference, calf circumference, ankle circumference, and ankle circumference, the size definition of the height of the infant who can not stand (See 2.2.1, 2.2.2, 2.2.3, 2.2.4, 2.2.5, 2.2.6, 2.2.7, 2.2.8, 2.2.9, 2.2.10, 2.2.11, 2.2.12, 2.2.14, 2, 2, 2, 2, 2, 2, 2, 17, 2, 2, 18, 2, 19, 2, 2, 20, 2, 2, 21, 2, 22,.2008 Editions 2.1.1, 2.1.2, 2.1.3, 2.1.4, 2.1.5, 2.1.6, 2.1.7, 2.1.8, 2.1.9, 2.1.10, 2.1.11, 2.1.12, 2.1.14, 2.1.15, 2.1.17, 2.1.1, 2.1.19, 2.1.20, 2.1.21, 2.1.22, 2.1.23);

--- Modify the vertical size of the schematic, and modified the hip circumference, knee circumference, trunk circumference, arm length measurement method, added Height, trunk length, high waist, straight crotch, high lateral malleolus, high position of the cervical spine, deep armpit, long cervical point, long point of cervical point to the nipple, back Waist length, long knee point to the knee, cervical point to the waist circumference (predecessor), the lateral point of the neck to the nipple point length, waist length, waist to arm length, weeks Crotch length, upper arm length, near the wrist point of the cervical vertebrae, lateral leg length, long leg, long leg medial measurement position (see 2.3.1, 2.3.2, 2.3.3, 2.3.4, 2.3.5,

2.3.6, 2.3.7, 2.3.8, 2.3.9, 2.3.10, 2.3.11, 2.3.12, 2.3.13, 2.3.14, 2.3.15, 2.3.16, 2, 3, 2, 3, 18, 2, 3, 19, 2, 3, 21, 2, 3, 22, 2, 3, 23, 2, 3, 24, 23, 25, 23, 26, 23, 2.2.2, 2.2.3, 2.2.4, 2.2.5, 2.2.6, 2.2.7, 2.2.8, 2.2.9, 2.2.10, 2.2.11, 2.2.12, 2.2.13, 2.2.14, 2.2.15, 2.2.16, 2.2.17, 2.2.18, 2.2.19, 2.2.21, 2.2.22, 2.2.23, 2.2.24, 2.2.25, 2.2.26, 2.2.27);

- Incorporates measurement tools (see 3.1, A.2, 2008 edition 3.1, A.2);
- Modify the measurement conditions (see 3.2.1, 2008 edition of 3.2.1);
- Modify the soft divider value representation (see 3.2.3, 2008 version 3.2.3);
- Removed the "measurement conditions and requirements" part of the design of infants and young children (see 3.2.2.3.2.3, 2008 edition 3.2.2, 3.2.3);
- Modify the name of Appendix A (see Appendix A, 2008 edition of Appendix A);
- Amendment of Appendix A, "waist thickness" size definitions and methods (see A.1.1.2, 2008 edition A.1.1.2);
- Removed the "(straight line measurement)" in the name of "cervical vertebra point height", "arm length" in Appendix A (see A.1.2.1, A.1.2.2, 2008 edition A.1.2.2, A.1.2.3);
- Deleted in Appendix A "cervical point to knee length" size definition and method (see 2008 edition A.1.2.1);
- Modify the name of Appendix B (see Appendix B, 2008 edition of Appendix B). This standard proposed by the China Textile Industry Federation. This standard by the National Standardization Technical Committee clothing (SAC/TC219) centralized. This standard was drafted unit. Zhejiang Ya Ying Group Co., Ltd., Shanghai Textile Group Testing Co., Ltd., An Lifang (China) Co., Ltd., Ba Jin Men (Shanghai) Co., Ltd., Foshan Nanhai No.1 Industry Co., Ltd., Qingdao Cool Intelligent Co., Ltd., Suzhou the University. The main drafters of this standard. Yang Xiuyue, Liu Jianping, Zhou Shuangxi, Cao Haihui, Xu Jingyun, Chen Xiaoying, Zhang agency, Lu industry tiger, Xu Jian. This standard replaces the standards previously issued as.

1 Scope

GB/T 16160-2017 is the Chinese national standard on anthropometric definitions and methods for garment, in the field of clothing industry. 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 29 December 2017 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 July 2018. Classification: ICS 61.020, CCS Y75. 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 dimensions and methods of measurement of human body with clothing. This standard applies to all types of clothing required body size measurement, but not all of the standard definition of human size in the human body test Both quantity and garment production are required. This standard is not included in the age of 36 months and younger infants.

2 Size definition

2.1 Overview The size definitions are listed in the natural order of measurement and include the following three sections.

- a) the horizontal size (including the size of the circumference);
- b) vertical size;
- c) others. The order of vertical dimensions is measured, starting with the size of the human body measured with a human altimeter and then with the size of the human body measured with a soft ruler.

Note 1. The instruments and measurement methods mentioned in the definition are specified in Chapter 3.

Note 2. Appendix A gives some of the parts and methods of anthropometric measurements of garments that are not listed in this chapter.

Note 3. The definitions of anthropometric points mentioned in the definition are given in Appendix B.

2.2 horizontal size

2.2.1 Head circumference headband Subjects were upright, the head facing the front, with a soft ruler around the top of the eyebrow around the pillow after measuring the maximum horizontal circumference measured hair Included (see Figure 1). figure 1