

ICS 13.180
CCS A25



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

GB/T 13459-2008

Replacing GB/T 13459-1992

**The requirements on insulation of labour protective clothing in
cold condition**

劳动防护服 防寒保暖要求

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

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Foreword

This standard replaces GB/T 13459-1992 "labor protective clothing weatherization requirements." This standard compared with GB/T 13459-1992, mainly in the following changes.

- Adds definitions of the terms of the English expression;
- Remove the symbol chapter;
- Modify the formula of the total amount of warmth;
- Modify warm clothing total amount requested;
- Delete the original standard Appendix A test method for warm clothing. Appendix A of this standard is an informative annex. This standard by the National Standardization Technical Committee on Ergonomics of human and centralized. This standard was drafted. General Logistics Department Quartermaster Equipment Institute, China National Institute of Standardization, Medical Library, Beijing Vocational Okuyama Fashion design institute. The main drafters of this standard. Chen Yuhong, Yangting Xin, Zhang Xin, Hao Junqin, Niji Yun, Meng Chunling, Victor Ng, make Ran Hua Sun of the light. This standard replaces the standards previously issued as follows:
 - GB/T 13459-1992. Labor protective clothing weatherization requirements

1 Scope

GB/T 13459-2008 is the Chinese national standard on the requirements on insulation of labour protective clothing in cold condition, in the field of environment and health protection, safety. 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 16 July 2008 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 January 2009. Classification: ICS 13.180, CCS A25. 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 clothing climatic zoning district labor protective clothing and limit the amount of thermal configuration requirements. This standard applies to cold winter outdoor work clothing workers. Perennial low temperature cold garment workers also work for implementation.

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 18398 Test Method for Thermal clothing Thermal Manikin law GJB58A-2006 standard warm winter clothing

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Clothing characterize the extent of the human body warm.

3.2 Clothing in people and the environment of the heat exchange process heat resistance measure, known as clothing insulation.

3.3 Winter temperatures in different geographical comprehensive and warm clothing required amount of the divided region.

3.4 Comprehensive characterization of temperature and wind refrigeration, measurement in degrees Celsius.

3.5 Sum of the maximum amount of matching clothing warm clothing required for each climate zone.

Note. The table containing clothes warm layer of air trapping amount, without shoes, hats, gloves warm amount.

4 Total amount of thermal calculation

4.1 Integrated temperature Integrated temperature calculation method, see GJB58A-2006 4.1.

4.2 The total amount of warmth The total amount of warmth according to formula (1). ie. $r = 3.23 - 0.092T_{syn}$ (1) Where. ie. r

--- total amount of thermal units of Croatia (clo);

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