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

GB 39800.5-2023

**Specifications for the provision of personal protective
equipment - Part 5: Building materials industry**

个体防护装备配备规范 第5部分：建材

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting: This document is Part 5 of GB 39800 "Specifications for the Equipment of Personal Protective Equipment": GB 39800 has released the following parts:

---Part 1: General provisions;

---Part 2: Petroleum, chemical industry, natural gas;

---Part 3: Metallurgy, non-ferrous metals;

---Part 4: Non-coal mines;

---Part 5: Building materials;

---Part 6: Electricity;

---Part 7: Electronics: Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed and managed by the Ministry of Emergency Management of the People's Republic of China:

Personal protective equipment, also known as labor protection equipment, is the "last line of defense" to protect the lives of hundreds of millions of workers: Practitioners are correct Wearing and using personal protective equipment is an important means to ensure safe production and emergency management in my country: Establish mandatory personal protective equipment The equipment standards are to specify and standardize the requirements of Article 45 of the "Work Safety Law of the People's Republic of China": GB 39800 "Individual Defense "Personal Protective Equipment Equipment Specifications" aims to establish the requirements for the equipment and management of personal protective equipment for employers, and is intended to consist of the following ten parts:

---Part 1: General principles: The purpose is to establish the overall requirements for the employer's personal protective equipment equipment, including equipment principles, equipment Process, identification and assessment of hazardous factors in the workplace, selection, discarding and replacement of personal protective equipment, training and use, etc:

---Part 2: Petroleum, chemical industry, natural gas: The purpose is to establish personal protective equipment for employers in the petroleum, chemical and natural gas industries Equipment requirements, identification and assessment of hazard factors, etc:

---Part 3: Metallurgy, non-ferrous metals: The purpose is to establish the personal protective equipment requirements and hazard causes for employers in the metallurgical and non-ferrous metal industries: Identification and evaluation of elements, etc:

---Part 4: Non-coal mines: The purpose is to establish the personal protective equipment requirements and hazard factors for employers in non-coal mining industries: identification and evaluation, etc:

---Part 5: Building materials: The purpose is to establish requirements for personal protective equipment for employers in the building materials industry, identification of hazard factors and Assessment etc:

1 Scope

GB 39800.5-2023 is the Chinese national standard on specifications for the provision of personal protective equipment - part 5: building materials industry, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 28 December 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2025. Classification: ICS 13.340.01, CCS C73. 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 document stipulates the overall requirements for the personal protective equipment (i.e: labor protection supplies) of each employer in the building materials industry and the hazard factors: Identification, assessment and provision of personal protective equipment requirements: This document applies to the provision and management of personal protective equipment for all employers and their employees in the building materials industry: This document does not apply to the provision and management of personal protective equipment for fire protection by employers in the building materials industry:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB 8965:4-2022 Protective Clothing Anti-Arc Clothing

GB/T 28408-2012 Protective clothing Insect-proof protective clothing

GB 39800:1-2020 Specifications for Personal Protective Equipment Part 1: General Principles

GB 42302-2022 Respiratory protection self-priming filter escape respirator

3 Terms and definitions

The terms and definitions defined in GB 39800:1-2020 apply to this document:

4 General requirements

The principles, equipment management and equipment procedures for personal protective equipment are implemented in accordance with GB 39800:1-2020:

5 Identification and assessment of hazard factors

Employers should combine the characteristics of safe production in the building materials industry and follow the requirements of 4:2 in GB 39800:1-2020 for their production processes: Identify and assess hazards that may be involved: Employers should refer to the job categories listed in Table 1, or refer to Appendix A: Identify hazard factors for the type of work and conduct a hazard assessment on the identified hazard factors as a basis for selecting appropriate personal protective equipment: in accordance with: