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

GB/T 24536-2009

Replacing GB/T 24536-2009

**Protective clothing - Selection, use and maintenance of
chemical protective clothing**

防护服装 化学防护服的选择、使用和维护

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 24536-2009 "Protective clothing - Selection, use and maintenance of chemical protective clothing" and GB/T 24536-Compared with 2009, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) Added the scope of this document. scrapping and replacement (see Chapter 1);
- b) The terms and definitions have been changed (see Chapter 3, Chapter 3 of the 2009 edition);
- c) The term "non-gastight chemical protective suit-ET" was deleted (see 3.8 of the 2009 edition);
- d) The types and codes of chemical protective clothing have been changed (see Table 1, Table 1 of the 2009 edition);

- e) Added that the selection process of chemical protective clothing should be recorded in relevant documents (see 4.1.6);
- f) Added a detailed description of the protective performance level of chemical protective clothing (see 4.3.2.1);
- g) Changed the selection principles of reusable and limited-use chemical protective clothing (see 4.3.2.2 and 4.3.2.3, 2009 edition) 4.3.2.2);
- h) The flow chart for selecting chemical protective clothing has been modified (see Figure 1 of the 2009 edition);
- i) Added the scrapping and replacement of chemical protective clothing (see Chapter 7).

1 Scope

This document specifies the selection, use, maintenance, disposal and replacement of chemical protective clothing.

This document applies to chemical protective clothing used by workers in working environments and emergency rescue activities.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 12903 Terminology of Personal Protective Equipment GB/T 16483 Contents and order of items in safety data sheets for chemicals GB 24539-2025 Protective clothing Chemical protective clothing GBZ 2.1 Occupational exposure limits for hazardous agents in the workplace Part 1: Chemical hazardous agents

3 Terms and Definitions

For the purposes of this document, the terms and definitions defined in GB 24539-2025 and GB/T 12903 and the following apply.

Clothing used to protect the human body from harm caused by chemical substances.

Note: This clothing can cover the whole body, one or more parts of the human body, can be a combination of multiple pieces of protective clothing, and can also be matched with other protective equipment use.

A garment that completely covers the wearer (or completely covers the wearer and

respiratory protection) and is capable of providing airtight and/or liquidtight protection.

Clothing that provides protection for most of the human body (at least the torso, arms and legs), but does not need to cover the wearer's respiratory protection equipment.

Note: It is divided into one-piece protective clothing and two-piece protective clothing.

Chemical protective clothing worn to protect one or more parts of the body.

Note: Local protection chemical protective clothing can be used alone or in combination with other clothing to improve the protection level of local parts of the body.

Depending on the body part, the specific product types can be aprons, sleeves, overalls, shoe/boot covers, hoods, coats, gowns, neck covers, socks, etc.