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

GB 45673-2025

**General specification for safety production standardization of
hazardous chemical enterprises**

危险化学品企业安全生产标准化通用规范

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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. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the Ministry of Emergency Management of the People's Republic of China. Standardization of production safety in hazardous chemical enterprises General Specifications

1 Scope

GB 45673-2025 is the Chinese national standard on general specification for safety production standardization of hazardous chemical enterprises, 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 25 April 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 November 2025. Classification: ICS 13.100, CCS G 09. 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 basic requirements and management requirements for hazardous chemical companies to carry out safety production standardization work. This document is applicable to hazardous chemical production enterprises, chemical enterprises that use hazardous chemicals in production, and those that store hazardous chemicals. An enterprise operated by a company (hereinafter referred to as an enterprise).

2 Normative references

The contents of the following documents constitute 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 15258 Provisions for the preparation of chemical safety labels

GB 17681 Technical Specification for Safety Monitoring of Major Hazard Sources of Hazardous Chemicals

GB 18218 Identification of major hazard sources of hazardous chemicals

GB 30077 Requirements for emergency rescue supplies for hazardous chemical units

GB 30871 Safety Specifications for Special Operations in Dangerous Chemical Enterprises

AQ/T 3034 Guidelines for Chemical Process Safety Management

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 safety training spacesafetytrainingspace A comprehensive carrier for enterprises to carry out online and offline training and digital management of training.

Note. The safety training space consists of offline training physical space, online learning network space and training information management space.

3.2 Inherent safety By controlling the types, quantities and conditions of use of materials in

the process, and adopting methods such as minimization, substitution, mitigation and simplification, we can fundamentally Processes/activities to reduce safety risks to a process and its facilities.

3.3 interested party An individual or organization concerned with or affected by the safety performance of an enterprise.

Note. Related parties include contractors who provide services to the enterprise in accordance with the requirements, terms and conditions agreed upon by both parties, as well as those who provide raw materials, equipment and facilities to the enterprise. Service provider.

3.4 Long-term or temporary production, storage, use and operation of hazardous chemicals, and the amount of hazardous chemicals is equal to or exceeds the critical amount. unit.