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

GB 45189-2025

Specification for cyanide safety production management

氰化物安全生产管理规范

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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. Cyanide production safety management specifications

1 Scope

GB 45189-2025 is the Chinese national standard on specification for cyanide safety production management, 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 February 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 September 2025. Classification: ICS 13.300, CCS A80. 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 specifies the requirements for production safety, storage safety, and emergency rescue for cyanide production enterprises. This document applies to the production safety management of cyanide production enterprises.

Note. Cyanide refers to solid and aqueous solutions of sodium cyanide and potassium cyanide.

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 2894 Safety signs and their use guidelines

GB 7231 Basic identification colors, identification symbols and safety signs for industrial pipelines

GB 15603 General Rules for Storage of Hazardous Chemicals in Warehouses

GB 17916 Technical conditions for storage and maintenance of toxic commodities

GB 18218 Identification of major hazard sources of hazardous chemicals

GB/T 20801.2 Pressure piping specification Industrial piping Part