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

GB 46769-2025

Safety technical specification of coating production enterprises

涂料生产企业安全技术规范

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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. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the Ministry of Emergency Management of the People's Republic of China. Safety Technical Specifications for Coating Manufacturers

1 Scope

GB 46769-2025 is the Chinese national standard on safety technical specification of coating production 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 31 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 13.100, CCS C 67. 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 safety technical requirements for paint manufacturing enterprises, including general requirements, site selection and overall layout, and equipment and facility safety. It covers topics such as safety of production processes and

change management, and describes the verification methods. This document applies to the safety management of paint manufacturing enterprises.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB 2894 Safety Colors and Safety Signs

GB 4053.1 Safety requirements for fixed steel ladders and platforms - Part

3 Industrial guardrails and steel platforms

GB 4387 Safety Regulations for Railway and Road Transportation within Industrial Enterprises

GB 5083 General Principles for Safety and Health Design of Production Equipment

GB/T 5206 Paints and Varnishes. Terms and Definitions

GB/T 8196-2018 General requirements for the design and manufacture of fixed and movable protective devices for mechanical safety.

GB 12158 General requirements for the prevention of electrostatic discharge accidents

GB 15577-2018 Safety Regulations for Dust Explosion Prevention

GB 15603-2022 General Rules for Storage of Hazardous Chemicals in Warehouses

GB/T 16758 Classification and Technical Requirements of Exhaust Hoods

GB/T 17919-2008 Explosion-proof Guidelines for Dust Collectors Used in Hazardous Dust Explosion Locations

GB 18218 Identification of Major Hazard Installations of Hazardous Chemicals

GB/T 18664-2002 Selection, Use and Maintenance of Respiratory Protective Equipment

GB/T 21782.14 Powder Coatings Part

14 Terminology

GB/T 24747-2023 Safety Technical Conditions for Organic Heat Transfer Fluids

GB/T 29639 Guidelines for the Preparation of Emergency Response Plans for Production Safety Accidents in Production and Business Units

GB 30077 Requirements for Emergency Rescue Supplies in Hazardous Chemical Units

GB 30871 Safety Specifications for Special Operations in Hazardous Chemical Enterprises

GB 39800.2 Specifications for the Configuration of Personal Protective Equipment Part

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