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

GB 7691-2025

Replacing GB 7691-2003

General rules for safety management of coating operations

涂装作业安全管理通则

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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 replaces GB 7691-2003 "Safety Regulations and General Rules for Safety Management of Painting Operations". Compared with GB 7691-2003, except for the structure... Aside from adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of application has been changed, and the scope of application of this document has been removed (see Chapter 1, Chapter 1 of the.2003 edition);
- b) Add the terms and definitions for "painting operation" and "painting operation site" (see 3.1, 3.2);
- c) The requirements for safety training have been changed (see 4.4, Chapter 16 of the.2003 edition);
- d) The requirements for safety signs have been changed (see 4.5, Chapter 14 of the.2003 edition);
- e) The requirements for personal protective equipment have been changed (see 4.6, Chapter 19 of the.2003 edition);
- f) The requirements for occupational health management have been changed (see 4.7, Chapter 18 of the.2003 edition);
- g) The requirements for the selection, storage, and transportation of coatings and related chemicals have been changed (see Chapter 5,.2003 edition, 4.1, 5.5, 5.6). 5.7);
- h) The requirements for the research, production, and sale of coatings and related

chemicals have been deleted (see 5.1, 5.2, 5.3, and 5.4 of the 2003 edition);

i) The requirements for the research, design, manufacture, and sale of coating equipment have been removed (see 6.1, 6.3, 6.4, and 6.6 of the 2003 edition);

j) The painting process that should not have been used was changed (see 6.1,

1 Scope

GB 7691-2025 is the Chinese national standard on general rules for safety management of coating operations, 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 C72. 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 coatings and related chemicals involved in painting operations, painting processes, painting equipment and instruments, and safety procedures for painting work sites. The basic requirements of comprehensive management. This document applies to the safety management of coating operations on metal or non-metal surfaces using paints and related chemicals.

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/T 150.1 Pressure Vessels - Part

3 Design

GB/T 150.4 Pressure Vessels - Part

4 Manufacturing, Inspection and Acceptance

GB 2894 Safety Colors and Safety Signs

GB 6514 Safety Regulations for Painting Operations. Safety of Painting Processes and Ventilation

GB 6944 Classification and Code of Dangerous Goods

GB 12158 General requirements for the prevention of electrostatic discharge accidents

GB 12268 List of Dangerous Goods

GB 12367 Safety Specifications for Electrostatic Spray Painting

GB 12463 General Technical Requirements for Transport Packaging of Dangerous Goods

GB/T 14441 Safety Terminology for Painting Operations

GB 14443 Safety Technical Requirements for Coating Drying Chambers

GB 14444 Safety Technical Requirements for Spray Painting Booths

GB 14773 Safety Technical Requirements for Handheld Electrostatic Spray Guns and Their Auxiliary Devices

GB 15258 Regulations for Writing Safety Labels for Chemicals

GB 15603 General Rules for Storage of Hazardous Chemicals in Warehouses

GB 15607 Safety Regulations for Coating Operations - Safety of Powder Electrostatic Spraying Process