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

GB 46768-2025

Technical specification of work safety in confined spaces

有限空间作业安全技术规范

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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 Confined Space Operations

1 Scope

GB 46768-2025 is the Chinese national standard on technical specification of work safety in confined spaces, 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 65. 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 management requirements for confined space operations, as well as the safety technical requirements before, during, and after confined space operations. The question describes the corresponding verification method. This document applies to confined space operations and their safety management. This document does not apply to enterprises engaged in the production, handling (with storage) of hazardous chemicals, chemical and pharmaceutical enterprises, or confined space

operations on ships. And its security management.

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 2811 Head Protection Safety Helmet

GB/T 3836.1 Explosive Atmospheres - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 confined space Enclosed or partially enclosed spaces, not designed as fixed workplaces, allow personnel to enter and work, potentially leading to the accumulation of toxic, harmful, flammable, and explosive substances. Spaces where oxygen levels are low or insufficient.

3.2 Operations carried out by personnel entering a confined space.