

ICS 53.060

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

GB/T 26950.2-2025

Replacing GB/T 26950.2-2015

**Explosion-proof industrial trucks - Part 2: Internal combustion
industrial trucks**

防爆工业车辆 第2部分：内燃工业车辆

Issued on: December 31, 2025

Implemented on: July 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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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 is Part 2 of GB/T 26950 "Explosion-proof Industrial Vehicles". GB/T 26950 has the following parts published.

1. Battery Industrial Vehicles;

2. Internal Combustion Industrial Vehicles This document replaces GB/T 26950.2-2015 "Explosion-proof Industrial Vehicles - Part

2. Internal Combustion Industrial Vehicles", and is consistent with GB/T 26950.2- Compared to.2015, aside from structural adjustments and editorial changes, the main technical changes are as follows:

---Terminology and definitions have been changed (see Chapter 3, Chapter 3 of the.2015 edition);

---The basic vehicle performance requirements have been changed (see 4.1,.2015 version 4.1);

---The explosion-proof rating and requirements for vehicles have been changed (see 4.2~4.5,

4.2 in the.2015 version);

---The content regarding pre-experiment preparation has been removed (see section 5.1 in the.2015 edition);

---Experimental conditions have been added (see 5.1);

---Visual inspection has been added (see 5.2);

---The basic performance tests have been modified (see 5.3,

1 Scope

GB/T 26950.2-2025 is the Chinese national standard covering the diesel or LPG forklift certified for an explosive atmosphere - flame traps on the intake and exhaust, surface temperatures held below the ignition point of the gas outside, the electrical system enclosed, and a shutdown that works when the engine tries to run on the atmosphere itself. Part 2 of the series. It replaces GB/T 26950.2-2015, revised together with Part 1 on battery trucks. It was issued on 31 December 2025 and has been in force since 1 July 2026, replacing GB/T 26950.2-2015. The document is under the responsibility of the China Machinery Industry Federation. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the technical requirements, test methods, inspection rules, markings, accompanying documents, transportation, and other aspects for explosion-proof internal combustion industrial vehicles. Storage. This document applies to internal combustion industrial vehicles used in Zone 1, Zone 2, Zone 21 and Zone 22 explosive atmospheres. This document does not apply to internal combustion industrial vehicles used in gas explosive atmospheres and ammunition dust atmospheres.

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 3836.1 Explosive Atmospheres - Part

15 Design, Selection and Installation of Electrical Installations

GB/T 3836.28-2021 Explosive Atmospheres - Part

28. Basic Methods and Requirements for Non-Electrical Apparatus for Explosive Atmospheres

GB/T 3836.29-2021 Explosive Atmospheres - Part

29. Structural Safety of Non-Electrical Equipment for Explosive Atmospheres "C" Control ignition source type "b" and liquid immersion type "k".

GB/T 3836.31 Explosive Atmospheres - Part

31. Equipment Protected by Enclosures Against Dust Ignition ("t")

GB/T 4208-2017 Degrees of protection provided by enclosures (IP code)

GB/T 10715 Antistatic belts for belt drives, including multi-ribbed V-belts, bundled V-belts, and single V-belts (including wide V-belts and hexagonal belts). Electrical properties. requirements and test methods GB/T 13306 Nameplates

GB 20800.1-2006 General Technical Specifications for Explosion Protection of Reciprocating Internal Combustion Engines for Explosive Atmospheres - Part

1. Flammable Gases and Vapors Category II internal combustion engines for use in the country

GB 20800.2-2006 General Technical Specifications for Explosion Protection of Reciprocating Internal Combustion Engines for Explosive Atmospheres Part

2.Exploration Protection of Reciprocating Internal Combustion Engines for Explosive Dust
Atmospheres Category II internal combustion engines

GB/T 20936.1 Gas detectors for explosive atmospheres - Part

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