

ICS 53.060
CCS J83



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

GB/T 10827.4-2026

Replacing GB/T 10827.4-2023

**Industrial trucks - Safety requirements and verification - Part 4:
Driverless industrial trucks and their systems**

工业车辆 安全要求和验证 第4部分：无人驾驶工业车辆及其系统

(English Translation)

Issued on: September 28, 2026

Implemented on: April 1, 2027

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

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Foreword

GB/T 10827.4-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

This edition replaces GB/T 10827.4-2023.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the China Machinery Industry Federation.

Classification: ICS 53.060; CCS J83.

1 Scope

Driverless industrial trucks, often called automated guided vehicles, are now common in factories and warehouses, and this recommended national standard addresses the safety requirements and verification for such trucks and their systems. It forms Part 4 of the series on safety requirements and verification for industrial trucks and is of interest to vehicle manufacturers, system integrators, intralogistics planners, safety assessors, test bodies and the operators who deploy automated truck fleets.

The document adopts an international standard and replaces GB/T 10827.4-2023. It was prepared under the China Machinery Industry Federation. Companies exporting driverless trucks into China, or building them there, can use it to see how safety expectations and verification are framed, and to align product files and risk assessments with the current Chinese edition. It becomes effective on 1 April 2027.