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ICS 73.100.40
CCS D93

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15242-2025

Single-rope winding mine hoist with built-in permanent-magnet motor

永磁电机内装单绳缠绕式矿井提升机

(English Translation)

Issued on: July 2, 2025 **Implemented on: February 1, 2026**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jb-t-15242-2025

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1 Foreword

JB/T 15242-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 February 2026.

The JB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the type, basic parameters, and technical requirements of a permanent magnet motor-driven single-rope wound mine hoist. It describes the corresponding test methods and specifies inspection rules, marking, packaging, transportation, and storage. This standard applies to the manufacture of permanent magnet motor-driven single-rope wound mine hoists used for hoisting materials or personnel in vertical or inclined shafts of coal mines (non-explosion-proof), metal mines, and non-metal mines.

JB/T 15242-2025 falls under ICS 73.100.40, in the field of mining and minerals.

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This catalogue holds 265 other JB/T standards in that field.

In this catalogue, JB/T standards carry edition years from 1967 to 2026.

3 About this standard

Sector: Mechanical & Machinery Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

JB/T 14329-2021 - Ring-roller micro powder mills

JB/T 9023.1-2019 - Down-the-hole drill rigs - Part 1: Open-pit mining type

MT/T 716-2019 - Technical delivery requirements of steel wire ropes for coal mine hoisting

JB/T 14596-2025 - Guide trough for mining belt conveyor

JB/T 14594-2025 - Underground mining blasting equipment transport vehicle

JB/T 15241-2025 - Mining cast stone scraper conveyor

5 Classification and status

International classification (ICS): 73.100.40

Chinese Standard Classification (CCS): D 93

Prefix JB/T: recommended standard.

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