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ICS 53.100
CCS P97

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15171-2025

Earthmoving Machinery - Traction Converters for Off-Highway Electric Mining Dump Trucks - Technical Specifications

土方机械 非公路电传动矿用自卸车用牵引变流器 技术规范

(English Translation)

Issued on: August 19, 2025 **Implemented on: March 1, 2026**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15171-2025

Table of Contents

[Preview only]
1 Scope
2 Normative References
3 Terms and definitions
4 Classifications and Groups
4.1 Types
5 Technical requirements
7 Test Methods
8 Inspection Rules
9 Marking, Packaging, Transportation and Storage

1 Foreword

JB/T 15171-2025 was issued by Ministry of Industry and Information Technology on 19 August 2025 and has been in force since 1 March 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 technical requirements for traction converters for off-highway electric drive mining dump trucks, describes the corresponding test methods, and specifies inspection rules, marking, packaging, transportation, and storage. This standard applies to the manufacture of traction converters for off-highway electric drive mining dump trucks.

JB/T 15171-2025 falls under ICS 53.100, in the field of materials handling equipment.

This catalogue holds 232 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)

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4 Related standards

Standards on related subjects:

GB/T 16936-2007 - Earth moving machinery -- Engine test code -- Net power

JB/T 8816-1998 - Construction machinery - Drive axles - Technical specifications

GB/T 13752-1992 - Design rules for tower cranes

JB/T 15172-2025 - Earthmoving Machinery - Energy Consumption of Off-Highway Electric Drive Mining Dump Truck Traction System - Test Methods

JB/T 15170-2025 - Earthmoving Machinery - Slewing Bearing Remanufacturing - Technical Specifications

JB/T 15169-2025 - Jaw Crusher Buckets for Engineering Machinery

5 Classification and status

International classification (ICS): 53.100

Chinese Standard Classification (CCS): P 97

Prefix JB/T: recommended standard.

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