Chinastandards.org

ICS 53.100
CCS P97

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15177-2025

Earthmoving Machinery - Bolt Connection Preload Testing

土方机械 螺栓连接预紧力检测

(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-15177-2025

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 15177-2025 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 four testing methods for the preload of bolted connections in earthmoving machinery. This standard applies to the testing of preload in bolted connections.

JB/T 15177-2025 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)

Issued by: Ministry of Industry and Information Technology

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15177-2025

English translation: about 15 pages (approximate)

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 15171-2025 - Earthmoving Machinery - Traction Converters for Off-Highway Electric Mining Dump Trucks - Technical Specifications

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.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15177-2025