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ICS 53.020.20
CCS J80

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 14449-2024

Welding process qualification for lifting machinery

起重机械焊接工艺评定

(English Translation)

Issued on: March 29, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jb-t-14449-2024

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1 Foreword

JB/T 14449-2024 was issued by Ministry of Industry and Information Technology on 29 March 2024 and has been in force since 1 October 2024.

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 terms and definitions of welding process assessment in the manufacture of steel structures for lifting machinery, and specifies the general requirements, welding process assessment elements and rules, weld detection and joint performance test, and requirements for exemption from welding process assessment. This standard applies to the assessment activities of welding processes using arc welding, submerged arc welding, gas shielded arc welding, gas tungsten shielded arc welding and gas-electric vertical welding for steel structures with a steel thickness of 3mm or more in the load-bearing structural parts of lifting machinery.

JB/T 14449-2024 falls under ICS 53.020.20, 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.

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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:

GB/T 12602-2020 - Safety devices against over1oading for lifting appliances

JB/T 11963-2014 - Air Hoists

GB/T 10051.2-2010 - Lifting hooks -- Part 2: Technical conditions for forged hooks

JB/T 15401-2026 - Technical specification for intelligentization of ship-to-shore gantry crane

JB/T 13031-2026 - Safety requirement for builders hoists - Traction drive builders hoists installed in wells

JB/T 10603-2026 - Electro-hydraulic thrusters

5 Classification and status

International classification (ICS): 53.020.20

Chinese Standard Classification (CCS): J 80

Prefix JB/T: recommended standard.

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