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ICS 25.120.30
CCS J61

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15310-2025

Aluminum alloy melting furnace

铝合金熔炼炉

(English Translation)

Issued on: December 17, 2025 **Implemented on: July 1, 2026**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 4 shown, 15 in the full document. Complete English PDF, instant download:
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Table of Contents

1 Scope
2 Normative references
3 Terms and definitions
4 Structural types
4.1 Classification of structural types
4.2 Structural schematics
5 Basic parameters
6 Technical requirements
6.1 General requirements
6.2 Manufacturing requirements
6.3 Furnace shell requirements
6.4 Lining requirements
6.5 Furnace chamber requirements
6.6 Mechanical mechanism requirements
6.7 Flue gas collection and discharge mechanism requirements
6.8 Aluminium liquid discharge mechanism requirements
6.9 Operation and maintenance platform requirements
6.10 Combustion system requirements
6.11 Control system requirements
6.12 Safety requirements
6.13 No-load operation requirements
6.14 Load operation requirements
7 Test methods
7.1 General performance test
7.2 Melting rate test
7.3 Burnout rate test
7.4 Specific energy consumption test
8 Inspection rules
8.1 Factory inspection
8.2 Type test
9 Instruction manual

Preview: page 2 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15310-2025

1 Foreword

JB/T 15310-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

This is a draft translation for reference among interesting stakeholders. The finalized translation (passing through draft translation, self-check, revision and verification) will be delivered upon being ordered.

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.

2 Scope Preview

This standard specifies the structural type, basic parameters, and technical requirements of aluminum alloy melting furnaces. It describes the corresponding test methods and specifies inspection rules, instruction manuals, marking, packaging, transportation, and storage. This standard applies to the manufacture of gas-fired aluminum alloy melting furnaces (also known as aluminum alloy flame melting furnaces or aluminum alloy continuous melting furnaces). This standard does not apply to electrically heated aluminum alloy melting furnaces or machine-side heat preservation furnaces.

JB/T 15310-2025 falls under ICS 25.120.30, in the field of manufacturing engineering.

This catalogue holds 1,459 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:

GB/T 37365-2019 - Die casting unit-Performance testing method

JB/T 13248-2018 - Energy efficiency grades and evaluation methods for die casting machines

GB/T 21269-2018 - Cold chamber die casting machines

Preview: page 3 of 4 shown, 15 in the full document. Complete English PDF, instant download:
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JB/T 15309-2025 - Squeeze-casting unit

JB/T 15307-2025 - Trolley car type shot blasting machine

5 Classification and status

International classification (ICS): 25.120.30

Chinese Standard Classification (CCS): J 61

Prefix JB/T: recommended standard.

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