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ICS 77.180
CCS H92

YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 6451-2025

Converter slag blocking sliding nozzle device

转炉挡渣滑动水口装置

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YB/T 6451-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

The YB/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 terminology and definitions for converter slag-blocking sliding gate devices, describes the structural type of converter slag-blocking sliding gate devices, and specifies the model numbering rules, basic parameters, technical requirements, test methods, inspection rules, marking, packaging, transportation, and storage. This standard applies to the complete manufacturing of converter slag-blocking sliding gate devices (excluding sliding plate bricks).

YB/T 6451-2025 falls under ICS 77.180, in the field of metallurgy.

This catalogue holds 971 other YB/T standards in that field.

In this catalogue, YB/T standards carry edition years from 1980 to 2026.

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3 About this standard

Sector: Ferrous Metallurgy 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 43049-2023 - Safety technical conditions for continuous casting machines

YB/T 4064-2015 - Technical specifications of pay-off reel mandrel and tension reel mandrel for metal strip

YS/T 851-2012 - Technical specification for on-line rotating degassing system used for aluminium and aluminium alloy melts

YB/T 4224-2026 - Technical specification for metallurgical ladle transfer car and hot metal ladle transfer car

YB/T 4175-2026 - Metallurgical teeming ladle

YB/T 4071-2025 - Blast furnace tuyere

5 Classification and status

International classification (ICS): 77.180

Chinese Standard Classification (CCS): H 92

Prefix YB/T: recommended standard.

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