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ICS 77.010
CCS H07

YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 6393-2025

Technical requirements for intelligent control system of converter production

转炉生产智能控制系统技术要求

(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 6393-2025 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 general principles, equipment requirements, and technical requirements for the data layer, model layer, intelligent control layer, and human-machine interaction of the intelligent control system for converter production. This standard applies to the design and development of intelligent control systems for converter production processes in steel enterprises.

YB/T 6393-2025 falls under ICS 77.010, 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/T 39799-2021 - Dimension,shape,weight and tolerances for titanium and titanium alloy bars and wires

GB/T 7729-2021 - Chemical analysis of metallurgical products-General rule for spectrophotometric methods

YB/T 081-2013 - Rule for rounding off of numerical values and judgement of testing values for technical standards of metallurgy

YB/T 6394-2025 - Technical requirements for intelligent control system of ladle furnace (LF) refining

YB/T 6389-2025 - Technical Specifications for Environmental Information Management System of Iron and Steel Enterprises

YB/T 6388-2025 - Technical Specifications for Multi-Energy Medium Collaborative Scheduling of Iron and Steel Enterprises

5 Classification and status

International classification (ICS): 77.010

Chinese Standard Classification (CCS): H 07

Prefix YB/T: recommended standard.

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