

ICS 77-010
CCS H 04

YB

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YB/T 6376-2025

**Iron and Steel Industry - Technical requirements for intelligent
control system of heating furnace combustion
(English Translation)**

Issued on: August 19, 2025

Implemented on: March 1, 2026

Issued by: Ministry of Industry and Information Technology

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This standard specifies the system architecture and basic requirements, functional components, performance requirements, test methods, inspection rules, acceptance, operation, and maintenance requirements for the intelligent control system for heating furnace combustion in the steel industry. This standard applies to the design of intelligent control systems for heating furnace combustion in the steel industry, the technical transformation and upgrading of heating furnace process control systems, and the design of heating furnace links in intelligent production lines, involving plate and strip heating furnaces, bar and wire heating furnaces, annular heating furnaces, heat treatment furnaces, and tunnel furnaces.

Document data

International classification (ICS): 77-010.

Chinese classification (CCS): H04.

Estimated length of the Chinese original: 10,156 words.