

ICS 77.010
CCS H07

YB

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

YB/T 6471-2026

**Artificial intelligence - Industry application - Technical
specifications for the data governance during steel plate and
strip rolling process**

人工智能 赋能应用 钢板钢带轧制过程数据治理技术要求
(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and definitions

Foreword

YB/T 6471-2026 is a recommended industry standard of the People's Republic of China in the Ferrous Metallurgy sector, approved and issued by the Ministry of Industry and Information Technology on 15 July 2026, with effect from 1 February 2027.

It is administered by the National Technical Committee for Pig Iron and Ferroalloys Standardization.

Classification: ICS 77.010; CCS H07.

1 Scope

YB/T 6471-2026 sets out technical requirements for data governance in the rolling of steel plate and strip, as an application of artificial intelligence in the steel industry. It covers the objectives of data governance, the governance process, data classification, data collection and storage, implementation of governance, evaluation of governance, improvement and optimization, and data security. It applies to data governance in business scenarios related to quality control of steel plate and strip rolling; data governance in other business scenarios may refer to it.

The document is aimed at steel producers, their information technology and automation teams, system suppliers and consultants who build or assess rolling-process data systems. It is a voluntary standard, as the /T in its code shows. It was approved by the Ministry of Industry and Information Technology, issued on 15 July 2026 and takes effect on 1 February 2027. It is a new standard.