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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/Z 241-2026

Artificial intelligence - Maturity assessment for service capabilities of large-scale steel model

人工智能 钢铁大模型服务能力成熟度评估

(English Translation)

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Foreword

GB/Z 241-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

It is under the responsibility of the Standardization Administration of China.

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1 Scope

This guidance document describes how to judge how mature an organization's service capability is when it offers large-scale models for the steel industry. According to its scope, it establishes a service capability framework and assessment indicators, and it describes the maturity grading rules and the assessment methods. It applies to assessments carried out by demand-side parties, supply-side parties and third parties.

The contents follow that plan. After the framework and capability domains, the document sets out assessment indicators covering areas such as hardware, software and data platforms, data and algorithm resources, technology development, model application and operational empowerment. It then deals with maturity levels and capability requirements, and finishes with assessment methods, including scoring, domain weighting, calculation and the way a maturity level is determined.

It is a GB/Z document, so it provides guidance and not mandatory requirements. Steel companies, model suppliers, consultants and assessment bodies can use it to benchmark capability. Issued on 27 August 2026 by the national standardization administration.

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