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ICS 77.080.10
CCS H40

YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 6417-2025

Standards diagrams and grade classification of recycling iron-steel materials

再生钢铁原料标识及分类

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Order information
5 Test method
6 Technical requirements
7 Test methods
8 Inspection rules

1 Foreword

YB/T 6417-2025 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 code explanations for the identification and classification of recycled steel raw materials, categories and codes, sealed containers and labels, cast iron and labels, inclusions and labels, image quality requirements, and typical image identification. This standard applies to the data labeling and classification of images in the intelligent grading system for recycled steel raw materials.

YB/T 6417-2025 falls under ICS 77.080.10, 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 4234.1-2017 - Implants for surgery-Metallic materials-Part 1: Wrought stainless steel

GB/T 5216-2004 - Structural steels subject to end-quench hardenability requirements

GB/T 4172-2000 - Permanent magnetic material of rare earth cobalt

YB/T 6358-2025 - Steel slag regeneration hot-pressed steel blocks

5 Classification and status

International classification (ICS): 77.080.10

Chinese Standard Classification (CCS): H 40

Prefix YB/T: recommended standard.

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