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ICS 77.140.50
CCS H46

YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 6420-2025

Atmospheric corrosion resisting steel plate for urban monorail transit system

城市单轨交通系统轨道用耐候钢板

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yb-t-6420-2025

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1 Foreword

YB/T 6420-2025 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 grade designation method, ordering content, manufacturing process, technical requirements, test methods, inspection rules, packaging, marking, and quality certificate for weathering steel plates used in urban monorail transit systems. This standard applies to urban monorail transit systems with a thickness not exceeding 100mm. This standard specifies the use of weathering steel plates for turnouts and track beams in urban rail transit.

YB/T 6420-2025 falls under ICS 77.140.50, 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 5313-2023 - Steel plate with through-thickness properties

GB/T 6653-2017 - Steel plates and strips for welded gas cylinders

YB/T 5063-2007 - Heat Treatment Spring Steel Strips

YB/T 6422-2025 - Continuously hot-dip zinc-aluminum-magnesium alloy coated steel sheet and strip for photovoltaic stents

YB/T 6421-2025 - Cold-rolled bottom-layer-free grain-oriented electrical steel strip (sheet) for electric vehicle driving motor

YB/T 6419-2025 - High strength low alloy cold rolled steel sheet and strip

5 Classification and status

International classification (ICS): 77.140.50

Chinese Standard Classification (CCS): H 46

Prefix YB/T: recommended standard.

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