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ICS 77.140.80
CCS J31

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 8491-2009

Corrosion resistant high silicon iron castings

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(English Translation)

Issued on: April 30, 2026 **Implemented on: November 1, 2026**

Issued by: State Administration for Market Regulation, China National Standardization Administration

Preview: page 1 of 4 shown, 9 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
1.2 Principle
1.3 Reagents
2 Normative references
3.1 General Provisions
3.2 Nuclear Safety Criterion
4 Designation expression
4.1 General
4.2 Removal of surface defects
4.3 Traffic and Transportation
4.4 Working Area
5 Calculation of Analysis Results
5.2 Main Production Facilities Layout
5.3 Auxiliary Facilities Layout
5.4 Administration Buildings Area Layout
5.5 Outside Construction Layout
5.6 Physical Protect System and Entrance Layout
6 Precision
6.2 Determination of Design Elevation
6.3 Step Type Design
6.4 Earth (Stone) Work
6.5 Water Drainage of Site
7 Assessment of results
7.2 Underground Pipeline
7.3 Overhead Pipeline
8 Test report
8.2 Transfer Station (Transshipment Wharf)
8.3 Railway
8.4 Road
8.5 Water Transport
9.2 Vegetation Arrangement

Preview: page 2 of 4 shown, 9 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-8491-2009

9.3 Tree Species Selection

1 Foreword

GB/T 8491-2009 was issued by State Administration for Market Regulation, China National Standardization Administration on 30 April 2026 and has been in force since 1 November 2026.

It replaces the earlier edition GB/T 8491-1987.

The GB/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.

2 Scope Preview

GB/T 8491-2009 falls under ICS 77.140.80, in the field of metallurgy.

This catalogue holds 3,436 other GB/T standards in that field.

In this catalogue, GB/T standards carry edition years from 1963 to 2026.

3 About this standard

Sector: National Standard (Recommended)

Issued by: State Administration for Market Regulation, China National Standardization Administration

English translation: about 9 pages (approximate)

Chinese original: about 14,173 characters

4 Related standards

Other editions:

GB/T 8491-2026 (later edition)

GB/T 8491-1987 (earlier edition)

Standards on related subjects:

GB/T 7659-2025 - Steel castings for welding structures

GB/T 8263-2025 - Abrasion-resistant white iron castings

GB/T 8492-2024 - Heat-resistant cast steels and alloys for general applications

Preview: page 3 of 4 shown, 9 in the full document. Complete English PDF, instant download:
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GB/T 2100-2026 - Corrosion-resistant cast steels for general applications

5 Classification and status

International classification (ICS): 77.140.80

Chinese Standard Classification (CCS): J 31

Prefix GB/T: recommended standard.

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