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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15392-2025

Specification for coating of ductile iron valves

铸铁阀门喷塑工艺规范

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JB/T 15392-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

The JB/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 coating classification and materials for the powder coating process of cast iron valves, describes the process steps and inspection methods for powder coating of cast iron valves, and specifies the performance and quality control requirements for the coating. This standard applies to the powder coating of thermosetting epoxy powder, fused to the inner and outer surfaces of valves in pipelines conveying non-corrosive fluids and gases at room temperature, and ductile iron. Powder coating of cast iron pipe fittings, accessories, and pumps can be applied according to their process requirements.

JB/T 15392-2025 falls under ICS 25.220.20, in the field of manufacturing engineering.

This catalogue holds 1,459 other JB/T standards in that field.

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In this catalogue, JB/T standards carry edition years from 1967 to 2026.

3 About this standard

Sector: Mechanical & Machinery 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 13912-2020 - Metallic coatings--Hot dip galvanized coatings on fabricated iron and steel articles--Specifications and test methods

JB/T 12855-2016 - Metallic coatings - Electroplated coatings of zinc-nickel alloys

GB/T 15519-2002 - Chemical conversion coatings -- Black oxide coating on iron and steel -- Specification and test methods

JB/T 15391-2025 - Specification for zirconia conversion solutions on metal surfaces

JB/T 12857-2016 - Process specification for hexavalent chromium-free decorative electroplating

JB/T 12858-2016 - Process specification for cyanide-free zinc and zinc alloy electroplating

5 Classification and status

International classification (ICS): 25.220.20

Chinese Standard Classification (CCS): A 29

Prefix JB/T: recommended standard.

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