

JIS

JAPANESE INDUSTRIAL STANDARD

**Chromate conversion coatings
on electroplated zinc and
cadmium coatings**

JIS H 8625—1993

Translated and Published

by

Japanese Standards Association

**In the event of any doubt arising,
the original Standard in Japanese is to be final authority.**

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Chromate conversion coatings on
electroplated zinc and cadmium coatings

H 8625-1993

1. Scope This Japanese Industrial Standard specifies chromate conversion coatings on the significant surfaces ⁽¹⁾ of electroplated zinc coatings (JIS H 8610) and electroplated cadmium coatings (JIS H 8611) conducted for the purposes of corrosion prevention.

Notes ⁽¹⁾ The significant surface herein means a surface essential for serviceability and/or appearance.

Remarks 1. The following standards are cited in this Standard:

- JIS H 0400 Glossary of terms used in electroplating
- JIS H 0404 Graphical symbol for electroplated coating
- JIS H 8502 Methods of corrosion resistance test for metallic coatings
- JIS H 8610 Electroplated coatings of zinc on iron and steel
- JIS H 8611 Electroplated coatings of cadmium on steel
- JIS K 1404 Potassium dichromate
- JIS K 1432 Silver nitrate
- JIS K 1449 Phosphoric acid
- JIS K 8034 Acetone
- JIS K 8101 Ethanol (99.5) [ethyl alcohol (99.5)]
- JIS K 8252 Ammonium peroxodisulfate
- JIS K 8355 Acetic acid
- JIS K 8374 Lead (II) acetate trihydrate
- JIS K 8447 Sodium cyanide
- JIS K 8488 1,5-diphenylcarbonohydrazide
- JIS K 8576 Sodium hydroxide
- JIS K 8951 Sulfuric acid
- JIS Z 9031 Random sampling methods

2. The corresponding International Standards to this Standard are shown as follows:

- ISO 3613: 1980 Chromate conversion coatings on zinc and cadmium – Test methods
- ISO 3768: 1976 Metallic coatings – Neutral salt spray test (NSS test)
- ISO 3892: 1980 Conversion coatings on metallic materials– Determination of coating mass per unit area – Gravimetric methods
- ISO 4520: 1981 Chromate conversion-coatings on electroplated zinc and cadmium coatings