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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Galvanizers Association Inc. (JGA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS H 8641 : 2007**), which has been technically revised.

However, **JIS H 8641 : 2007** may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 December 2022.

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Hot dip galvanized coatings

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 1461** : 2009, Edition 3, with some modifications of the technical contents.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies requirements for the quality of significant surface of hot dip galvanized coatings (hereafter referred to as coatings) applied on steel products, steel work pieces, steel castings and forgings and iron castings (hereafter referred to as substrates) for the purpose of preventing corrosion. It does not apply to steel sheets, iron wires and steel wires that are continuously hot dip galvanized, and after-treatment/over-coating of hot dip galvanized articles.

NOTE The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 1461 : 2009 *Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS H 0401 *Test methods for hot dip galvanized coatings*

NOTE Corresponding International Standard : ISO 1460 *Metallic coatings — Hot dip galvanized coatings on ferrous materials — Gravimetric determination of the mass per unit area*

JIS H 2107 *Zinc ingots*

NOTE Corresponding International Standard : ISO 752 *Zinc ingots*

JIS Z 0103 *Glossary of terms used in rust and corrosion preventive technology*

JIS Z 8401 *Rounding of numbers*