JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS H 0401 : 2021

(JGA/JSA)

Test methods for hot dip galvanized coatings

ICS 25.220.40

Reference number : JIS H 0401 : 2021 (E)

Date of Establishment: 1950-12-20

Date of Revision: 2021-12-20

Date of Public Notice in Official Gazette: 2021-12-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Metal and Inorganic Materials

JIS H 0401 : 2021, First English edition published in 2022-08

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

Printed in Japan HT/HN

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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 0401** : 2013), which has been technically revised.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, published patent application or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, published patent application or utility model rights.

Test methods for hot dip galvanized coatings

Introduction

This Japanese Industrial Standard has been prepared based on ISO 1460 : 1992, Edition 2, 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 the test methods for 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).

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

ISO 1460 : 1992 *Metallic coatings — Hot dip galvanized coatings on ferrous materials — Gravimetric determination of the mass per unit area* (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.

WARNING Persons carrying out tests based on this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices.

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 B 7507 *Vernier, dial and digital callipers*

JIS H 1111 *Methods for chemical analysis of zinc metal*

JIS H 1113 *Method for photoelectric emission spectrochemical analysis of zinc metal*

JIS H 8641 *Hot dip galvanized coatings*

JIS K 8847 *Hexamethylenetetramine (Reagent)*