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In the event of any doubts arising as to the contents,
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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 The Japan Thermal Spray Society (JTSS)/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 8300:2011**), which has been technically revised.

However, **JIS H 8300: 2011** 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 21 September 2021.

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Thermal spraying — Zinc, aluminium and their alloys

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 2063-1** : 2019, Edition 2, and **ISO 2063-2** : 2017, Edition 1, 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 thermal spray coating of zinc, aluminium and their alloys applied on steel surface for the purpose of corrosion protection.

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

ISO 2063-1 : 2019 *Thermal spraying — Zinc, aluminium and their alloys — Part 1 : Design considerations and quality requirements for corrosion protection systems*

ISO 2063-2 : 2017 *Thermal spraying — Zinc, aluminium and their alloys — Part 2 : Execution of corrosion protection systems* (Overall evaluation : MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 2-1**.

2 Normative references

Part or all of the provisions of the following standards, 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 C 4404 *Alloy tool steels*

JIS H 8200 *Thermal spraying terms*

JIS H 8250 *Graphical symbol for thermal spraying*

JIS H 8261 *Wires, rods and cords for flame and arc thermal spraying*

JIS H 8401 *Methods of thickness measurement for sprayed coatings*

JIS H 8402 *Test methods of tensile adhesive strength for thermal-sprayed coatings*

JIS Z 0311 *Metallic blast-cleaning abrasives*

JIS Z 0312 *Non-metallic blast-cleaning abrasives*