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(JTSS/JSA)

Build-up thermal spraying

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Foreword

This translation has been made based on the original Japanese Industrial Standard 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 Thermal Spraying Society (JTSS) /Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS H 8302**:2004 and **JIS H 8664**:2004 have been revised and withdrawn, respectively, and are replaced with this Standard.

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Build-up thermal spraying

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Introduction

This Japanese Industrial Standard was established in 1974 and has gone through four-time revisions to this day. The last revision was made in 2004, and the revision of this time is to respond to the establishment of JIS H 8260 and JIS H 8261 afterwards.

The corresponding International Standard has not been established at this point.

1 Scope

This Standard specifies the build-up thermal spraying for carbon steel, low alloy steel, stainless steel, nickel alloy and other alloy steels in order to principally recover dimensions of the worn portion or the undersized portion of parts, products, etc.

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) listed below shall be applied.

JIS H 8200	Thermal spraying terms
JIS H 8250	Graphical symbol for thermal spraying
JIS H 8260	Powders 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 2243	Brinell hardness test — Test method
JIS Z 2246	Shore hardness test — Test method

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS H 8200** shall apply.