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(JTSS/JSA)

**Determination of the deposition efficiency  
for thermal spraying**

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## Contents

	Page
Introduction .....	1
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	2
4 Test pieces, equipment, working materials and auxiliary instruments .....	2
5 Procedure of measurement .....	3
5.1 Pretreatment of test pieces .....	3
5.2 Measurement of feed rate of thermal spraying material .....	3
5.3 Thermal spraying method and formation of spray deposit .....	4
5.4 Measurement of mass difference of test pieces .....	5
6 Calculation method of deposition efficiency .....	5
7 Report on measurements .....	6
8 Designation .....	6
Annex A (normative) Pipe-shape test piece (A) .....	7
Annex B (normative) Plate-shape test piece (B) .....	8
Annex C (informative) Report on determination of deposition efficiency for thermal spraying (example) .....	9
Annex JA (informative) Comparison table between JIS and corresponding International Standard .....	10

## Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Thermal Spray 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.

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# Determination of the deposition efficiency for thermal spraying

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 17836** published in 2004 with some modifications of the technical contents to correct inadequate portions.

The portions with continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies the determination method of the deposition efficiency for thermal spraying process in connection with thermal spraying materials and related equipment for thermal spraying.

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

ISO 17836 : 2004 *Thermal spraying — Determination of the deposition efficiency for thermal spraying* (MOD)

The 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 8200	<i>Thermal spraying terms</i>
JIS H 8260	<i>Powders for thermal spraying</i>
JIS H 8261	<i>Wires, rods and cords for flame and arc thermal spraying</i>
JIS H 8300	<i>Thermal spraying — Zinc, aluminium and their alloys</i>
JIS H 8302	<i>Build-up thermal spraying</i>
JIS H 8303	<i>Thermal spraying of self-fluxing alloys</i>
JIS H 8304	<i>Ceramic sprayed coatings</i>
JIS H 8306	<i>Cermet thermal spraying</i>
JIS Z 8401	<i>Guide to the rounding of numbers</i>