

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

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**JIS T 8025** : 2018

(JSAA/JSA)

**Protective clothing—Determination  
of behaviour of materials on impact  
of small splashes of molten metal**

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ICS 13.340.10

Reference number : JIS T 8025 : 2018 (E)

T 8025 : 2018

Date of Establishment: 2018-04-25

Date of Public Notice in Official Gazette: 2018-04-25

Investigated by: Japanese Industrial Standards Committee  
Standards Board for ISO area  
Technical Committee on Safety

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JIS T 8025:2018, First English edition published in 2018-11

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

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Printed in Japan

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## **Foreword**

This Japanese Industrial Standard has been established by the Minister of Health, Labour and Welfare and 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 Safety Appliances Association (JSAA)/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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# Protective clothing—Determination of behaviour of materials on impact of small splashes of molten metal

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 9150**:1988, Edition 1, with some modifications of the technical contents in consideration of convenience in usage.

The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies a test method designed to evaluate the properties of materials used for protective clothing when such materials are struck by molten metal splashes.

This test method is for evaluating the properties of materials under standardized conditions and is not applicable to evaluation of the properties of materials with respect to contacts with large splashes of molten cast iron or other molten metal.

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

ISO 9150:1988 *Protective clothing—Determination of behaviour of materials on impact of small splashes of molten metal* (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 C 1602 *Thermocouples*

JIS C 1604 *Platinum resistance thermometers*

JIS L 0105 *General principles of physical testing methods for textiles*

**NOTE** Corresponding International Standard: ISO 139 *Textiles—Standard atmospheres for conditioning and testing* (MOD)

JIS Z 3316 *Solid wires and rods for TIG welding of mild steel, high strength steel and low temperature service steel*

## 3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.