

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

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**JIS T 8129** : 2018

(JSAA/JSA)

**Protective clothing—Clothing to  
protect against heat and flame—  
Minimum performance requirements**

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ICS 13.340.10

Reference number : **JIS T 8129 : 2018 (E)**

T 8129 : 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 8129:2018, First English edition published in 2018-12

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

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In the event of any doubts arising as to the contents,  
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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—Clothing to protect against heat and flame— Minimum performance requirements

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 11612:2015**, Edition 3, with some modifications of the technical contents in consideration of convenience in usage.

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 JA.

## 1 Scope

This Standard specifies performance requirements for protective clothing which are designed to protect the wearer's body, except the hands, from heat and/or flame. For protection of the wearer's head and feet, the only items of protective clothing falling within the scope of this Standard are hoods, gaiters, and overboots. However, concerning hoods, requirements for visors and respiratory equipment are not given.

The performance requirements set out in this Standard are applicable to protective clothing which could be worn for a wide range of end uses, where there is a need for flameproof clothing and where the user can be exposed to radiant heat, convective heat, contact heat or molten metal splashes.

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

ISO 11612:2015 *Protective clothing—Clothing to protect against heat and flame—Minimum performance requirements* (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 K 6557-2 *Leather—Physical and mechanical tests—Determination of tensile strength and percentage extension*

**NOTE** Corresponding International Standard: ISO 3376 *Leather—Physical and mechanical tests—Determination of tensile strength and percentage extension* (MOD)

JIS K 6557-3 *Leather—Physical and mechanical tests—Determination of tear load by single edge tear*