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(JSAA/JSA)

**Clothing for protection against heat
and flame—Determination of
contact heat transmission through
protective clothing or constituent
materials—Part 1: Contact heat
produced by heating cylinder**

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus	2
5.1 Heating cylinder	2
5.2 Calorimeter	4
5.3 Assembly	5
5.4 Electronic devices	5
6 Sampling and conditioning	5
6.1 Sampling	5
6.2 Conditioning	6
7 Test method	6
7.1 Starting conditions	6
7.2 Procedure	6
7.3 Evaluation	6
8 Test report	6
Annex A (informative) Best practices for cleaning the heating cylinder	7
Annex JA (informative) Comparison table between JIS and corresponding International Standard	8

Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry and the Minister of Health, Labour and Welfare 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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Clothing for protection against heat and flame—Determination of contact heat transmission through protective clothing or constituent materials— Part 1: Contact heat produced by heating cylinder

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 12127-1:2015**, Edition 2. Some of the technical contents of the said International Standard have been modified in view of enhancing convenience in use.

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 a test method for the determination of contact heat transmission by heating cylinder. It is applicable to protective clothing (including hand protectors) and its constituent materials intended to protect against high contact temperatures of 100 °C to 500 °C.

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

ISO 12127-1:2015 *Clothing for protection against heat and flame—Determination of contact heat transmission through protective clothing or constituent materials—Part 1: Contact heat produced by heating cylinder* (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 H 4040 *Aluminium and aluminium alloy bars and wires*

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

3 Terms and definitions

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