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**JIS T 8120** : 2006

(JSAA/JSA)

**Protective clothing—Aprons, trousers  
and vests protecting against cuts  
and stabs by hand knives**

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ICS 13.340.10

Reference number : JIS T 8120 : 2006 (E)

## Foreword

This translation has been made based on the original Japanese Industrial Standard 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 of establishing a Japanese Industrial Standard from Japan Society Appliances Association (JSAA)/Japanese Standards Association (JSA) with the draft of Industrial Standard based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

This Standard has been made based on **ISO 13998:2003** *Protective clothing—Aprons, trousers and vests protecting against cuts and stabs by hand knives* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Ministers and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,  
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# Protective clothing— Aprons, trousers and vests protecting against cuts and stabs by hand knives

**Introduction** This Japanese Industrial Standard has been prepared based on the first edition of **ISO 13998** *Protective clothing—Aprons, trousers and vests protecting against cuts and stabs by hand knives* published in 2003 with some modifications of the technical contents.

The portions underlined with dots are the matters modified from the original International Standard. A list of modifications with the explanations is given in Annex 1 (informative).

Protective aprons, trousers and vests that offer some protection against stabs and slashes are used in work where a knife is moved towards the users' body.

Performance level 1 aprons, trousers and vests as specified in this Standard provide some cut protection and are only appropriate where the work is light, and where powerful cutting movements towards the body do not occur (see Annex A).

Performance level 2 aprons, trousers and vests are appropriate when narrow bladed knives are used in cutting actions in which the point of the knife is not directed towards the body. They are appropriate when broad bladed knives are used in cutting actions in which the point of the knife may be directed towards the body.

**1 Scope** This Standard applies to protective aprons, trousers and vests for use with hand knives, and to other garments providing similar protection to parts of the body in accidents. It specifies requirements for the design, penetration resistance, cut resistance, sizing, ergonomic characteristics, innocuousness, water permeability, cleaning and disinfection, marking and information to be supplied by the manufacturer for users of protective aprons, trousers and vests. It also describes the classification of protection levels and appropriate test methods.

**NOTE :** The International Standard corresponding to this Standard is as follows.

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**.

ISO 13998:2003 *Protective clothing—Aprons, trousers and vests protecting against cuts and stabs by hand knives* (MOD)

**2 Normative references** The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. If the indication of the year of coming into effect is given to these referred standards, only the edition of the indicated year constitutes the provision of this Standard but the revision and amendment made thereafter do not apply.

JIS L 1092:1998 *Testing methods for water resistance of textiles*