



# MALAYSIAN STANDARD

MS ISO 13688:2004

## PROTECTIVE CLOTHING – GENERAL REQUIREMENTS (ISO 13688:1998, IDT)

**ICS: 13.340.10**

Descriptors: garments, protective clothing, work clothing, specifications, ergonomics, ageing (materials), size designation, marking

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## Committee representation

The Occupational Health and Safety Industry Standards Committee (ISC W) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Business Council Sustainable Development Malaysia  
Chemical Industries Council of Malaysia  
Construction Industry Development Board Malaysia  
Department of Agriculture  
Department of Chemistry Malaysia  
Department of Environment, Malaysia  
Department of Mineral and Geoscience  
Department of Occupational Safety and Health  
Department of Standards Malaysia  
Federation of Malaysian Manufacturers  
Jabatan Bomba dan Penyelamat Malaysia  
Lloyd's Register Technical Services Sdn Bhd  
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Malaysian Employers Federation  
Malaysian Institute for Nuclear Technology Research  
Malaysian Society of Occupational Safety and Health  
Malaysian Trade Union Congress  
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Small and Medium Industries Development Corporation  
Suruhanjaya Tenaga  
The Institution of Engineers, Malaysia  
Universiti Kebangsaan Malaysia

The Technical Committee on Personal Safety - Protective Clothing and Equipment for Occupational Use which developed this Malaysian Standard consists of representatives from the following organisations:

3M Malaysia Sdn Bhd  
Construction Industry Development Board Malaysia  
Department of Occupational Safety and Health  
Dupont Malaysia Sdn Bhd  
Federation of Malaysian Manufacturers  
Jabatan Bomba dan Penyelamat Malaysia  
Malaysian Institute for Nuclear Technology Research  
National Institute of Occupational Safety and Health  
Proguard Technologies (M) Sdn Bhd  
Projek Lebuhraya Utara-Selatan Berhad  
Science & Technology Research Institute for Defence  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
Universiti Malaya

## **NATIONAL FOREWORD**

This Malaysian Standard was developed by the Technical Committee on Personal Safety - Protective Clothing and Equipment for Occupational Use under the authority of the Occupational Health and Safety Industry Standards Committee.

This Malaysian Standard is identical with ISO 13688:1998, *Protective clothing – General requirements*, published by the International Organization for Standardization (ISO). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, “this International Standard” should read “this Malaysian Standard”;
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) references to International Standards should be replaced by equivalent Malaysian Standards as follows:

Referenced International Standards

Corresponding Malaysian Standards

ISO 105 (all parts), *Textiles – Test for colour fastness*

MS ISO 105 (all parts), *Textiles – Test for colour fastness*

ISO 5077, *Textile – Determination of dimensional change in washing and drying*

MS ISO 5077, *Textile – Determination of dimensional change in washing and drying*

ISO 6330, *Textiles – Domestic washing and drying procedures for textile testing*

MS ISO 6330, *Textiles – Domestic washing and drying procedures for textile testing*

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, wording and presentation of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21.

INTERNATIONAL  
STANDARD

ISO  
13688

First edition  
1998-07-01

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**Protective clothing — General requirements**

*Vêtements de protection — Exigences générales*



Reference number  
ISO 13688:1998(E)

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 13688 was prepared by Technical Committee ISO/TC 94, *Personal safety – Protective clothing and equipment*, Subcommittee SC 13, *Protective clothing*.

Annexes A and B are for information only.