



MALAYSIAN STANDARD

MS ISO 7250-1:2008
(CONFIRMED:2013)

Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks (First revision) (ISO 7250-1:2008, IDT)

ISO 7250-1:2008 is endorsed as Malaysian Standard with the reference number MS ISO 7250-1:2008.

ICS: 13.180

Descriptors: human body, measurements, technological design, definitions, guidelines

NOTE. This MS has been reviewed by the responsible committee and confirmed that its contents are current

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Chemical Industries Council of Malaysia
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Department of Environment, Malaysia
Department of Occupational Safety and Health Malaysia
Department of Standards Malaysia
Federation of Malaysian Manufacturers
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SIRIM Berhad
Small and Medium Industries Development Corporation
Suruhanjaya Tenaga
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia

The Technical Committee on Ergonomics which recommended the adoption of the ISO Standard consists of representatives from the following organisations:

3M Malaysian Sdn Bhd
Department of Occupational Safety and Health Malaysia
Federation of Malaysian Manufacturers
Forest Research Institute Malaysia
Jabatan Bomba dan Penyelamat Malaysia
Kongres Kesatuan Sekerja Malaysia
Malaysian Employer Federation
Malaysian Society of Occupational Safety & Health
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Nagasteel Equipment Sdn Bhd
National Institute of Occupational Safety and Health
Persatuan Pengguna Pulau Pinang
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Universiti Sains Malaysia

MS ISO 7250-1:2008

NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Ergonomics under the authority of the Industry Standards Committee on Occupational Health and Safety.

This Malaysian Standard is the first revision of MS ISO 7250, *Basic human body measurements for technological design*.

This Malaysian Standard is identical with ISO 7250-1:2008, *Basic human body measurements for technological design - Part 1: Body measurement definitions and landmarks*, 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"; and
- b) the comma which is used as a decimal sign (if any), to read as a point.

This Malaysian Standard cancels and replaces MS ISO 7250:2003.

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NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.

**Basic human body measurements for
technological design —**

Part 1:
**Body measurement definitions and
landmarks**

*Définitions des mesures de base du corps humain pour la conception
technologique —*

Partie 1: Définitions des mesures du corps et repères



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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 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7250-1 was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 3, *Anthropometry and biomechanics*.

This first edition of ISO 7250-1 cancels and replaces ISO 7250:1996, of which it constitutes a minor revision.

ISO 7250 consists of the following parts, under the general title *Basic human body measurements for technological design*:

— *Part 1: Body measurement definitions and landmarks*

Statistical summaries of body measurements from individual ISO populations and worldwide and regional design values for use in ISO equipment standards are to form the subjects of future Parts 2 and 3.