



# MALAYSIAN STANDARD

MS IEC 60950-1:2007  
(CONFIRMED:2013)

**Information technology equipment -  
Safety - Part 1: General requirements  
(First revision)  
(IEC 60950-1:2005, IDT)**

**ICS: 35.020; 35.260**

Descriptors: information technology, equipment, safety, office machine

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

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Preview Only

## Committee representation

The Electrotechnical-2 Industry Standards Committee (ISC S) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

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Department of Standards Malaysia  
Federation of Malaysian Manufacturers  
Jabatan Kerja Raya Malaysia  
Kementerian Dalam Negeri dan Hal Ehwal Pengguna  
Malaysian Cable Manufacturers Association  
Malaysian Electrical Appliances and Distributors Association  
Ministry of International Trade and Industry  
Persatuan Pengguna-Pengguna Standard Malaysia  
Pusat Tenaga Malaysia  
SIRIM QAS International Sdn Bhd (Electric and Electronic Section)  
Suruhanjaya Komunikasi dan Multimedia Malaysia  
Suruhanjaya Tenaga  
Tenaga Nasional Berhad  
The Electrical and Electronics Association of Malaysia  
Universiti Multimedia  
Universiti Tenaga Nasional

The Technical Committee on Safety of Audio, Video and IT Equipments which supervises adoption of the IEC Standard consists of representatives from the following organisations:

Association of the Computer and Multimedia Industry of Malaysia  
Malaysian Electrical Appliances and Distribution Association  
Radio TV Malaysia  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd (Electric and Electronic Section)  
Suruhanjaya Tenaga  
The Electrical and Electronics Association of Malaysia  
Universiti Malaya  
Universiti Multimedia  
Universiti Putra Malaysia

The Working Group on Information Technology Equipment which recommends adoption of the IEC Standard consists of representatives from the following organisations:

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SIRIM QAS International Sdn Bhd (Electric and Electronic Section)  
TM Research and Development  
Universiti Multimedia  
Universiti Putra Malaysia

## NATIONAL FOREWORD

The adoption of the IEC Standard as a Malaysian Standard was recommended by the Working Group on Information Technology Equipment under the authority of the Electrotechnical - 2 Industry Standards Committee.

This Malaysian Standard is the 1st Revision of MS IEC 60950-1:2003, Information technology equipment - Safety - Part 1: General requirements, *Information technology equipment - Safety - Part 1: General requirements*.

This Malaysian Standard is identical with IEC 60950-1:2005, *Information technology equipment - Safety - Part 1: General requirements*, published by the International Electrotechnical Commission (IEC). 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; and
- c) The basis IEC 60950-1 is printed in English and French languages. However, only the English version is retained for this Malaysian Standard; and

MS IEC 60950 and MS 2057 – Part 22 consists of the following parts, under the general title *Information technology equipment for safety*:

*Part 1: General requirements*

*Part 21: Remote power feeding*

*Part 22: Equipment to be installed outdoors*

*Part 23: Large data storage equipment*

This standard cancels and replaces MS IEC 60950-1:2003, *Information technology equipment - Safety - Part 1: General requirements*.

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, 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.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**INFORMATION TECHNOLOGY EQUIPMENT –  
SAFETY –**

**Part 1: General requirements**

**FOREWORD**

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60950-1 has been prepared by IEC technical committee 108: Safety of electronic equipment within the field of audio/video, information technology and communication technology.

This second edition of IEC 60950-1 cancels and replaces the first edition of IEC 60950-1, issued in 2001, and constitutes a technical revision. The principal changes in this edition as compared with the first edition of IEC 60950-1 are given in Annex BB, including a list of changed subclause, table and figure numbers.

The text of this standard is based on the following documents:

FDIS	Report on voting
108/135A/FDIS	108/147/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

Additional parts of IEC 60950-1 will cover specific safety requirements for information technology equipment having limited applications or having special features as follows:

- Part 21: Remote feeding (published);
- Part 22: Equipment installed outdoors (planned);
- Part 23: Large data storage equipment (planned);

Except for notes, all text within a normative figure, or in a box under a normative table, is also normative. Text with a superscript reference is linked to a particular item in the table. Other text in a box under a table applies to the whole table.

Informative annexes and text beginning with the word "NOTE" are not normative. They are provided only to give additional information.

"Country" notes are also informative but call attention to requirements that are normative in those countries.

In this standard, the following print types are used:

- Requirements proper and normative annexes: roman type.
- Compliance statements and test specifications: italic type.
- Notes in the text and in tables: smaller roman type.
- Terms that are defined in 1.2: SMALL CAPITALS.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.