

AS/NZS 60950.1:2003
(Incorporating Amendment Nos 1, 2 and 3)

AS/NZS 60950.1:2003

Australian/New Zealand Standard™

**Information technology equipment—
Safety**

**Part 1: General requirements
(IEC 60950-1:2001, MOD)**



AS/NZS 60950.1:2003

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-001, Safety of Electronic Equipment. It was approved on behalf of the Council of Standards Australia on 25 November 2002 and on behalf of the Council of Standards New Zealand on 24 July 2003.
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The following are represented on Committee TE-001:

Australian Chamber of Commerce and Industry
Australian Communications Authority
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Consumer Electronics Association of New Zealand
Consumer Electronics Suppliers Association
Department of Defence, Australia
Electrical Compliance Testing Association
Electrical Regulatory Authorities
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Information technology equipment— Safety

Part 1: General requirements (IEC 60950-1:2001, MOD)

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-001, *Safety of Electronic Equipment*, to supersede AS/NZS 60950:2000, *Safety of information technology equipment* from 1 July 2006. During this time it is anticipated that regulatory authorities will approve information technology equipment to either Standard.

This Standard incorporates Amendment No. 1 (May 2006), Amendment No. 2 (February 2008) and Amendment No. 3 (February 2008). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to establish minimum safety requirements for the design, construction and operation of mains-powered or battery-powered information technology equipment. It sets out requirements intended to ensure the safety of the operator and other people who may come into contact with the equipment and, where specifically stated, for service personnel and which may be used as the basis for approval for Australia and New Zealand.

This Standard forms the first edition of AS/NZS 60950.1 *Information technology equipment—Safety Part 1: General requirements*.

This Standard is an adoption with national variations and contains the full text of IEC 60950-1:2001, *Information technology equipment—Safety - Part 1: General requirements*, including Corrigendum 1 (October 2002) and has been varied as indicated to take account of Australian/New Zealand conditions.

Variations to IEC 60950-1:2001 are indicated at the appropriate places throughout this standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Australian/New Zealand Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (example). Added figures are not themselves shaded, but are identified by a shaded border.

The variations to Clauses 6.2.2, 6.2.2.1 and 6.2.2.2 apply only in Australia and are marked by A in the right hand margin. For New Zealand, the text of the IEC Standard applies and is marked by NZ in the right hand margin.

Variations made to IEC 60950-1:2001 form the Australian/New Zealand variations for the purposes of the CB scheme for recognition of testing to standards for safety of electrical equipment. These variations have been incorporated in the body of the standard. They are listed in Annex ZZ for easy reference.

In this Standard, the following print types are used:

- requirements proper: in arial type;
- *test specifications: in italic type;*
- explanatory matter: in smaller arial type.
- terms in **SMALL CAPITALS** are defined in Clause 1.2.

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

As this Joint Standard is reproduced from an International Standard, the following applies:

- (a) The AS/NZS number is shown only on the cover and title page.

- (b) The source text ‘this International Standard’ should read ‘this Australian/New Zealand Standard’, and references to ‘relevant IEC Standard’ should read ‘relevant IEC, Australian or New Zealand Standard’.
- (c) A full point should be substituted for a comma when referring to a decimal marker.
- (d) References to International Standards in Annex P and Annex Q should be replaced by references to equivalent Australian or Australian/New Zealand Standards as listed. Australian or Australian/New Zealand Standards that are identical to the International Standard they replace, are appropriately identified. Where no relevant New Zealand or Australian/New Zealand Standard is listed, the referenced Australian Standard is deemed to be appropriate for the purpose in New Zealand.

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