

AS/NZS 3350.1:2000  
(Incorporating Amendment No. 1)

AS/NZS 3350.1

Australian/New Zealand Standard™

**Safety of household and similar  
electrical appliances**

**Part 1: General requirements  
(IEC 60335-1:1994 MOD)**



**Standards Australia**



**STANDARDS  
NEW ZEALAND**  
*Paekea Aotearoa*

## **AS/NZS 3350.1:2000**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/2, Safety of household and similar electrical appliances and small power transformers. It was approved on behalf of the Council of Standards Australia on 15 August 2000 and on behalf of the Council of Standards New Zealand on 12 October 2000. It was published on 20 October 2000.

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The following interests are represented on Committee EL/2:

Association of Certification Bodies  
Australian Chamber of Commerce and Industry  
Australian Electrical and Electronic Manufacturers Association  
Canterbury Manufacturers Association, New Zealand  
Consumer Electronics Suppliers Association, Australia  
Electrical regulatory authorities  
Electrical test laboratories  
Electricity Supply Association of Australia  
Institution of Engineers Australia  
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## **Safety of household and similar electrical appliances**

### **Part 1: General requirements (IEC 60335-1:1994 MOD)**

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002, Safety of household and similar electrical appliances and small power transformers, to supersede AS/NZS 3350.1:1994 including Amendments 1, 2, 3, 4, 5 and 6 and Amendment 7 introduced by DR 99214 CP which brought about the revision.

A1 | *This Standard incorporates Amendment No. 1 (January 2001). The changes arising from 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 provide manufacturers and regulatory bodies with minimum general safety requirements, designed to give user protection against hazards that might occur during normal operation and abnormal operation of appliances, and which may be used as the basis for approval for sale or for connection to supply in Australia and New Zealand.

This Standard forms the second edition of AS/NZS 3350.1, *Safety of household and similar electrical appliances*, Part 1: *General requirements*.

This Standard is an adoption with national modifications and contains the full text of IEC 60335-1:1991, *Safety of household and similar electrical appliances*, Part 1: *General requirements*, including Amendments 1 and 2 and has been varied as indicated to take account of Australian and New Zealand conditions. This Standard, referred to as Part 1, is to be used in conjunction with the appropriate Part 2, which contains clauses that supplement or modify the corresponding clauses in Part 1, to provide the relevant requirements for each type of appliance.

In this Standard, the following print types are used:

- requirements proper in: arial type;
- test specifications in: *italic type*;
- defined terms in: **bold type**;
- explanatory matters in: smaller arial type.

Words in **bold** are defined in Clause 2. Where a definition of Part 1 contains an adjective, the adjective and associated noun are **bold** in Part 2.

Variations to IEC 60335-1:1999 are indicated at the appropriate places throughout this Standard. Strikethrough (~~example~~) identifies IEC tables, figures and passages of text which, for the purposes of this Standard, are deleted. Where tables, figures or passages of text 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 are listed in Annex ZZ of this Standard for easy reference. The variations also form the Australian national variations for purposes of the IEC scheme for recognition of results of testing to standards for safety of electrical equipment (the CB scheme).

The terms ‘normative’ and ‘informative’ have been used in this Standard 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.

The requirements in this Standard take into account, as far as possible, the standards and codes of practice that form the wiring rules in Australia and New Zealand, so that an appliance may be installed in accordance with those wiring rules.

The numbering of clauses, subclauses, notes, tables, figures and annexes follows that of IEC 60335-1:1994. To allow for the introduction of additional material by the IEC, the numbers 1 to 100 have been reserved. Clauses numbered from 101 are used by the IEC to add to the body of the Standard by annexes. To allow for additional material to be introduced by Australia and New Zealand, the numbers 201 to 300 are used to number further clauses, subclauses, notes, tables and figures in this Standard.

This scheme has been introduced to reduce the likelihood of the IEC and Australia or New Zealand using the same clause or figure number for differing requirements. The use of the word VOID indicates that the IEC requirement is not used in Australia or New Zealand. The word is also used where the deletion of a particular requirement such as a Table would lead to the consequential renumbering of references within the body of the Standard and succeeding tables. Where Australia and New Zealand have added a requirement or made a change to a particular clause of IEC 60335-1 that clause number remains unchanged.

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- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (b) In the source text 'this international standard' should read 'this Standard'.
- (c) A full point should be substituted for a comma when referring to a decimal marker.

A reference to an International Standard identified in Annex A by ~~strikeout~~ is replaced by a reference to the Australian/New Zealand Standard(s) listed immediately thereafter and identified by shading.

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