

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
Parenga Aotearoa

AS/NZS 3350.1:2000

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.

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
Metal Trades Industry Association of Australia
Ministry of Economic Development, New Zealand

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Australia web site at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

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

Australian/New Zealand Standard™

Safety of household and similar electrical appliances

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

Originated as AS/NZS 3350.1:1994.
Second edition 2000.
Reissued incorporating Amendment No. 1 (January 2001).

COPYRIGHT

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 3584 3

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.

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

- (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.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-