

AS/NZS 3350.2.9:1999
(Incorporating Amendment Nos 1, 2, 3 and 4)

AS/NZS 3350.2.9:1999

Australian/New Zealand Standard™

**Safety of household and similar
electrical appliances**

**Part 2.9: Particular requirements—
Grills, toasters, and similar portable
cooking appliances
(IEC 60335-2-9:1993, MOD)**



AS/NZS 3350.2.9:1999

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-002, Safety of Household and Similar Electrical Appliances and Small Power Transformers. It was approved on behalf of the Council of Standards Australia on 6 November 1998 and on behalf of the Council of Standards New Zealand on 12 November 1998.

This Standard was published on 5 January 1999.

The following are represented on Committee EL-002:

Association of Certification Bodies
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Canterbury Manufacturers Association New Zealand
Consumer Electronic Suppliers Association, Australia
Electrical regulatory authorities, Australia
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This Standard was issued in draft form for comment as DR 9825.

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Safety of household and similar electrical appliances

Part 2.9: Particular requirements— Grills, toasters, and similar portable cooking appliances (IEC 60335-2-9:1993, MOD)

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/2, Electrical Approvals Standards, to supersede AS/NZS 3350.2.9:1996, *Approval and test specification – Safety of household and similar electrical appliances, Part 2.9: Particular requirements – Toasters, grills, roasters and similar appliances*.

This Standard incorporates Amendment No. 1 (March 2001), Amendment No. 2 (May 2004), Amendment No. 3 (November 2005) and Amendment No. 4 (May 2007). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected. Where an application date other than immediate is applicable to an amendment the date of application (DOA) is indicated by the marginal bar against the part affected or by a footnote relating to the part affected.

The objective of this Standard is to provide manufacturers and regulatory bodies with minimum safety requirements, designed to give user protection against hazards that might occur during normal operation and abnormal operation of the appliance and which may be used as the basis for approval for sale or for connection to supply in Australia and New Zealand.

In January 1997, the IEC commenced numbering its Standards from 60000 by adding 60000 to the number of each existing Standard. This coordinates IEC numbering with ISO numbering. During the transition period an IEC Standard might be identified by its new number or its old number (for example, IEC 60050 or IEC 50).

This Standard forms the first edition of AS/NZS 3350.2.9, *Safety of household and similar electrical appliances, Part 2.9: Particular requirements—Grills, toasters and similar portable cooking appliances*.

This Standard is an adoption with national modifications and contains the full text of the fourth edition of IEC 60335-2-9, *Safety of household and similar electrical appliances, Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances*, including its Amendments 1 and 2, and has been varied as indicated to take account of Australian and New Zealand conditions. It is to be used in conjunction with the latest edition of AS/NZS 3350.1, *Safety of household and similar electrical appliances, Part 1: General requirements* and its Amendments. It was established on the basis of AS/NZS 3350.1.2002.

This Standard (Part 2) supplements or modifies the corresponding clauses in AS/NZS 3350.1 (referred to as Part 1 in this Part 2) so as to convert it into the Australian/New Zealand Standard for the safety of toasters, grills, roasters and similar portable cooking appliances.

Where a particular clause of Part 1 is not mentioned in this Part 2, that clause applies as far as is reasonable. Where this Standard states 'addition' or 'modification' or 'replacement', the relevant text of Part 1 is to be adopted accordingly.

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.

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 this Part 2.

Clauses, subclauses, notes, tables and figures which are additional to those in Part 1 are numbered starting from 101. Annexes which are additional to those in Part 1 are lettered AA, BB and so on.

Variations to IEC 60335-2-9:1993 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 Australian/New Zealand Standard, are deleted. Where Australian/New Zealand 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.

Variations made to IEC 60335-2-9:1993 form the Australian/New Zealand variations for the purposes of the IECEE scheme for recognition of testing to standards for safety of electrical equipment (the CB Scheme). These variations already incorporated in the body of the Standard, are listed in Annex ZZ for easy reference.

A bar located in the right-hand margin indicates where the IEC publication has been modified by its Amendment 1.

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 numbering of clauses, subclauses, notes, tables, figures and annexes follows that of IEC 60335-2-9:1993. To allow for the introduction of additional material by the IEC, the numbers 101 to 200 have been reserved. 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 Part 1 and the numbers 301 to 400 are used to number further clauses, subclauses, notes, tables and figures in this Part 2. Additional annexes are lettered ZA, ZB and so on.

This scheme has been introduced to reduce the likelihood of the IEC and Australia and New Zealand using the same identifier for different purposes.

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