

AS/NZS 3350.2.79:1996
IEC 335-2-79:1995

Australian/New Zealand Standard[®]

**Safety of household and similar
electrical appliances**

**Part 2.79: Particular requirements—
High pressure cleaners and steam
cleaners, for industrial and
commercial use**

[IEC title: Safety of household and similar electrical appliances,
Part 2: Particular requirements for high pressure cleaners and
steam cleaners, for industrial and commercial use]

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/2, Electrical Approvals Standards. It was approved on behalf of the Council of Standards Australia on 29 July 1996 and on behalf of the Council of Standards New Zealand on 19 August 1996. It was published on 5 October 1996.

The following interests are represented on Committee EL/2:

Association of Certification Bodies
Association of New Zealand Electrical Appliance Distributors
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Electronics Supplies 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 Commerce (Energy Inspection), New Zealand
New Zealand Manufacturers Federation

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Suggestions for improvements to Joint Standards, addressed to the head office of either Standards Australia or Standards New Zealand, are welcomed. Notification of any inaccuracy or ambiguity found in a Joint Australian/New Zealand Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/2, Electrical Approvals Standards. This Standard takes effect 2 years from publication. During this period it is anticipated that regulatory authorities will apply it for approvals purposes. In New Zealand this Standard takes effect on publication.

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 connection to supply in Australia and New Zealand.

This Standard forms the first edition of AS/NZS 3350.2.79, *Safety of household and similar electrical appliances, Part 2.79: Particular requirements—High pressure cleaners and steam cleaners, for industrial and commercial use.*

This Standard is technically equivalent to and reproduced from the first edition of IEC 335-2-79:1995, *Safety of household and similar electrical appliances, Part 2.79: Particular requirements for high pressure cleaners and steam cleaners, for industrial and commercial use.* 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 3350.1:1994.

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 Joint Australian/New Zealand Standard for the safety of high pressure cleaners and steam cleaners, for industrial and commercial use.

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 adapted accordingly.

In this Standard the following print types are used:

- Requirements: in roman type
- *Test specifications: in italic type*
- Notes: in small roman 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.

A number of variations have been made in this Standard to the requirements of IEC 335-2-79:1995. These variations are necessary to take into account specific national circumstances such as climate and supply characteristics that affect the safety of electrical appliances used in both Australia and New Zealand. These variations are indicated throughout this Standard by a marginal bar located adjacent to the varied text or figure. Descriptions of these variations are to be found in Annex ZZ of this Standard.

These variations also form the Australian and New Zealand national variations for purposes of the IECEE scheme for recognition of testing to Standards for safety of electrical equipment (the CB Scheme).

The term ‘normative’ has been used in this Standard to define the application of the annex to which it applies. A ‘normative’ annex is an integral part of a Standard.

The numbering of clauses, subclauses, notes, tables, figures and annexes follows that of IEC 335-2-79:1995. 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.

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 Australian/New Zealand Standard’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to international Standards should be replaced by equivalent Australian or Joint Australian/New Zealand Standards as follows:

NOTE: Where no relevant New Zealand Standard is listed, the referenced Australian Standard is deemed to be appropriate for the purpose of this Standard.

<i>Reference to international Standard or other publication</i>	<i>Australian or Australian/New Zealand Standard</i>
IEC	AS/NZS
245 Rubber insulated cables of rated voltages up to and including 450/750 V	3191 Approval and test specification— Electric flexible cords
335 Safety of household and similar electrical appliances	3350 Safety of household and similar electrical appliances
335-1 Part 1: General requirements	3350.1 Part 1: General requirements
335-2-3 Part 2.3: Particular requirements for electric irons	3350.2.3 Part 2.3: Particular requirements— Electric irons
364 Electrical installation of buildings	3000 Electrical installations—Buildings, structures and premises (known as the SAA Wiring Rules)
417L Eleventh supplement, Graphical symbols for use on equipment	1104 Informative symbols for use on electrical and electronic equipment
989 Separating transformers, auto-transformers, variable transformers and reactors	—
529 Degrees of protection provided by enclosures (IP Code)	1939 Degrees of protection provided by enclosures for electrical equipment (IP Code)

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