

AS/NZS 60335.2.79:2017

(IEC 60335-2-79, Ed 4:2016, IDT)

Australian/New Zealand Standard

Household and similar electrical appliances – Safety

Part 2.79: Particular requirements for high pressure cleaners and steam cleaners

Superseding AS/NZS 60335.2.79:2012 on 30 June 2020



Includes IEC 60335-2-79, Ed 4:2016

AS/NZS 60335.2.79:2017



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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 11 May 2017 and by the New Zealand Standards Approvals Board on 10 May 2017.

It was published on 30 June 2017.

The following interests are represented on Committee EL/2

Australian Industry Group

National Retailers Association (Australia)

Business New Zealand

Consumer Electronic Suppliers Association, Australia

Consumers' Federation of Australia

Electrical Regulatory Authorities, Australia

Electrical consultants

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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 Standards Australia or the New Zealand Standards Executive at the address shown on the title page.

This standard was issued in draft form for comment as DR 16929

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Australian/New Zealand Standard™

Household and similar electrical
appliances – Safety –
Part 2.79: Particular requirements for
high pressure cleaners and steam
cleaners

(IEC 60335-2-79 Ed 4, IDT)

Originated as AS/NZS 3350.2.79:1996 Second edition 2001 Jointly revised and redesignated as AS/NZS 60335.2.79:2002 Jointly revised and redesignated as AS/NZS 60335.2.79:2012 Jointly revised and redesignated as AS/NZS 60335.2.79:2017
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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

AS/NZS 60335.2.79:2017**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
SAFETY –****Part 2.79: Particular requirements for high pressure cleaners and steam cleaners****Foreword**

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 60335.2.79:2012 three years from the date of publication.

The objective of this Standard is to provide manufacturers, designers, regulatory authorities, testing laboratories and similar organizations with safety requirements designed to give the 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 the electricity supply mains in Australia and New Zealand

The text of IEC 60335-2-79 Ed 4, prepared by IEC Technical Committee SC 61J, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption of the IEC standard as a Standards Australia/Standards New Zealand joint standard.

The principal changes in this edition as compared with the 2012 edition of AS/NZS 60335.2.79 are as follows (minor changes are not listed):

- the standard has been revised editorially to avoid misunderstandings;
- the document has been revised for the consistent use of definitions throughout the text;
- correct references were added in the foreword;
- Annex B has been revised and updated;
- Clause 15 has been revised and updated; clarification of relevant liquid tanks has been added;
- in Clause 20 the revised temperature has been inserted;
- the text in 29.1 was modified in order to remove any misunderstandings and is in line with AS/NZS 60335.2.102.

This Standard is an adoption with national modifications of the fourth edition of IEC 60335-2-79, *Household and similar electrical appliances – Safety – Part 2-79: Particular requirements for high pressure cleaners and steam cleaners*. It has been varied as indicated to take account of Australian and New Zealand conditions.

This part 2 has to be used in conjunction with the latest edition of AS/NZS 60335.1 Household and similar electrical appliances – Safety – Part 1: General requirements and its Amendments. It was established on the basis of AS/NZS 60335.1:2011.

This part 2 supplements or modifies the corresponding clauses of AS/NZS 60335.1 so as to convert it into the Australian/New Zealand Standard: Safety requirements for high pressure cleaners and steam cleaners.

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When a particular subclause of Part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. When this standard states "addition", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

NOTE 1 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.;
- subclauses, notes and annexes that are additional to those in the IEC standard are prefixed with the letters AZ.

NOTE 2 The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

Words in **bold** in the text are defined in Clause 3.

p NOTE 3 In this document, p is used in the margin to indicate instructions for preparing a consolidated version.

The essential safety requirements in AS/NZS 3820¹ that could be applicable to requirements for high pressure cleaners and steam cleaners are covered by this standard.

The national variations to IEC 60335-2-79 Ed 4 form the Australian and New Zealand national variations for purposes of the IECEE scheme for recognition of results of testing to standards for safety of electrical equipment (the CB scheme).

¹ AS/NZS 3820 *Essential safety requirements for electrical equipment*

The text of the International Standard IEC 60335-2-79 Ed 4 was approved as a joint Australia/New Zealand Standard with the agreed national variations as given below.

AUSTRALIAN NATIONAL VARIATIONS

There are no national variations to this part 2 other than those listed in the national variations in AS/NZS 60335.1:2011.

NEW ZEALAND NATIONAL VARIATIONS

There are no national variations to this part 2 other than those listed in the national variations in AS/NZS 60335.1:2011.

**Annex ANZ
(normative)**

**Normative references to international publications with their corresponding joint
Australia/New Zealand publications**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by national variations the relevant joint Australia/New Zealand publications applies if the national variations are needed to ensure the safety of the appliance for Australia/New Zealand conditions. These international publications are indicated by (mod). If an international publication is not so indicated, then either it or the listed Australia/New Zealand publication may be used.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>AS/NZS</u>	<u>Year</u>
IEC 60364-1 (mod)		<i>Low-voltage electrical installations – Part 1: Fundamental principles, assessment of general characteristics, definitions</i>	3000	
IEC 61558-2-3		<i>Safety of transformers, reactors, power supply units and combinations thereof – Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners</i>	61558.2.3	
IEC 61770	2008	<i>Electric appliances connected to the water mains – Avoidance of backsiphonage and failure of hose-sets</i>		