

Australian/New Zealand Standard™

**Household and similar electrical
appliances—Safety**

**Part 2.2: Particular requirements for
vacuum cleaners and water-suction
cleaning appliances
(IEC 60335-2-2 Ed 6.1, MOD)**



AS/NZS 60335.2.2:2010

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 10 September 2010 and by the New Zealand Standards Approval Board on 10 September 2010.

This Standard was published on 29 October 2010.

The following are represented on Committee EL-002:

Australian Industry Group
National Retailers Association (Australia)
Business New Zealand
Consumer Electronic Suppliers Association, Australia
Consumers' Federation of Australia
Electrical Regulatory Authorities, Australia
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This Standard was issued in draft form for comment as DR 10902.

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Household and similar electrical appliances—Safety

Part 2.2: Particular requirements for vacuum cleaners and water-suction cleaning appliances (IEC 60335-2-2 Ed 6.1, MOD)

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AS/NZS 60335.2.2:2010

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
SAFETY –**

**Part 2.2: Particular requirements for vacuum cleaners
and water-suction cleaning appliances**

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 60335.2.2:2002 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

This Standard incorporates Amendment No. 1 (October 2011), Amendment No. 2 (June 2014), Amendment No. 3 (November 2015) and Amendment No. 4 (November 2017). 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) and the date of withdrawal (DOW) if relevant, is indicated by the marginal bar against the part affected.

Unless otherwise indicated, the application date of the changes introduced by Amendment No. 2 is 31 May 2016, the application date of the changes introduced by Amendment No. 3 is 30 November 2017 and the application date of Amendment No. 4 is the date of its publication. Up until these dates the standard is applied as follows

- Up until 31 May 2016: AS/NZS 60335.2.2:2010 + A1:2011 or AS/NZS 60335.2.2:2010 + A1:2011 + A2:2014 or AS/NZS 60335.2.2:2010 + A1:2011 + A2:2014 + A3:2015;
- After 31 May 2016 and up until 30 November 2017: AS/NZS 60335.2.2:2010 + A1:2011 + A2:2014 or AS/NZS 60335.2.2:2010 + A1:2011 + A2:2014 + A3:2015 + A4:2017;
- After 30 November 2017: AS/NZS 60335.2.2:2010 + A1:2011 + A2:2014 + A3:2015 + A4:2017.

This Standard is an adoption with national modifications of the sixth edition of IEC 60335-2-2, *Household and similar electrical appliances – safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances* including its amendment 1 and interpretation sheet 1. 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 60335.1:2002.

The principal changes in this edition as compared with the 2002 edition of AS/NZS 60335.2.2 are as follows (minor changes are not listed):

- aligns the text with AS/NZS 60335.1:2002, and its Amendments 1, 2 and 3;

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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 vacuum cleaners and water-suction cleaning appliances.

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 vacuum cleaners and water-suction cleaning appliances are covered by this standard.

A2 | The national variations to the IEC 60335-2-2 Ed 6.1 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 low voltage electrical equipment*