

AS/NZS 60335.2.110:2025
IEC 60335-2-110:2024



Australian/New Zealand Standard™

Household and similar electrical appliances — Safety

Part 2.110: Particular requirements for commercial microwave
appliances with insertion or contacting applications



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AS/NZS 60335.2.110:2025

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 and Power Supplies. It was approved on behalf of Standards Australia's Standards Development and Accreditation Committee on 8 May 2025 and by the New Zealand Standards Approval Board on 12 June 2025.

This Standard was published on 27 June 2025.

The following are represented on Committee EL-002:

- Association of Accredited Certification Bodies
- Australian Industry Group
- Australian Retailers Association
- Building Commission NSW
- Business New Zealand
- Consumer Electronic Suppliers Association, Australia
- Consumers' Federation of Australia
- Electrical consultants
- Electrical Regulatory Authorities, Australia
- Engineers Australia
- International Accreditation New Zealand
- JAS-ANZ
- National Retailers Association (Australia)
- New Zealand Electric Fence Energizer Manufacturers' Standard Group
- WorkSafe, New Zealand

This Standard was issued for comment as DR AS/NZS 60335.2.110:2025

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**Part 2.110: Particular requirements for
commercial microwave appliances with
insertion or contacting applicators**

Originated in Australia and New Zealand as AS/NZS 60335.2.110:2014.
Jointly revised and redesignated AS/NZS 60335.2.110:2025.



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(IEC 60335.2.110, Ed. 2.0, IDT)

Includes IEC 60335.2.110, Ed. 2.0

AUSTRALIAN/NEW ZEALAND STANDARD

Household and similar electrical appliances – Safety

Part 2.110: Particular requirements for commercial microwave appliances with insertion or contacting applicators

Superseding AS/NZS 60335.2.110:2014 on 27 June 2028

AS/NZS 60335.2.110:2025

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Australian/New Zealand Standard

Household and similar electrical appliances – Safety

Part 2.110: Particular requirements for commercial microwave appliances with insertion or contact applicators

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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 60335.2.110:2014 three years from the date of publication of this standard. During this period, AS/NZS 60335.2.110:2014 and its amendments will also remain current. Regulatory authorities that reference this standard in regulation may apply these requirements at a different time. Users of this standard should consult these authorities to confirm their requirements.

The objective of this standard is to provide manufacturers, designers, regulatory authorities, testing laboratories, and similar organisations 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 60335-2-110, Ed. 2.0, prepared by IEC Technical Subcommittee SC 61B, 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 2014 edition of AS/NZS 60335.2.110 are as follows (minor changes are not listed):

- (a) Alignment with AS/NZS 60335.1:2022;
- (b) Subclause 7.1 has been improved in clarity;
- (c) Subclauses 19.11.2 and 19.103 have been improved in clarity;
- (d) Clause 28 has been modified to add screw requirements.

This standard is an adoption with national modifications of the second edition of IEC 60335-2-110, *Household and similar electrical appliances – Safety – Part 2-110: Particular requirements for commercial microwave appliances with insertion or contacting applicators*. 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, unless that edition precludes it; in that case the latest edition that does not preclude it is used. It was established on the basis of AS/NZS 60335.1:2022.

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 commercial microwave appliances with insertion or contacting applicators.

When a particular subclause of Part 1 is not mentioned in this Part 2, that subclause applies as far as 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, and so on;
- subclauses, notes and annexes that are additional to those in the IEC standard are prefixed with the letters AZ.