

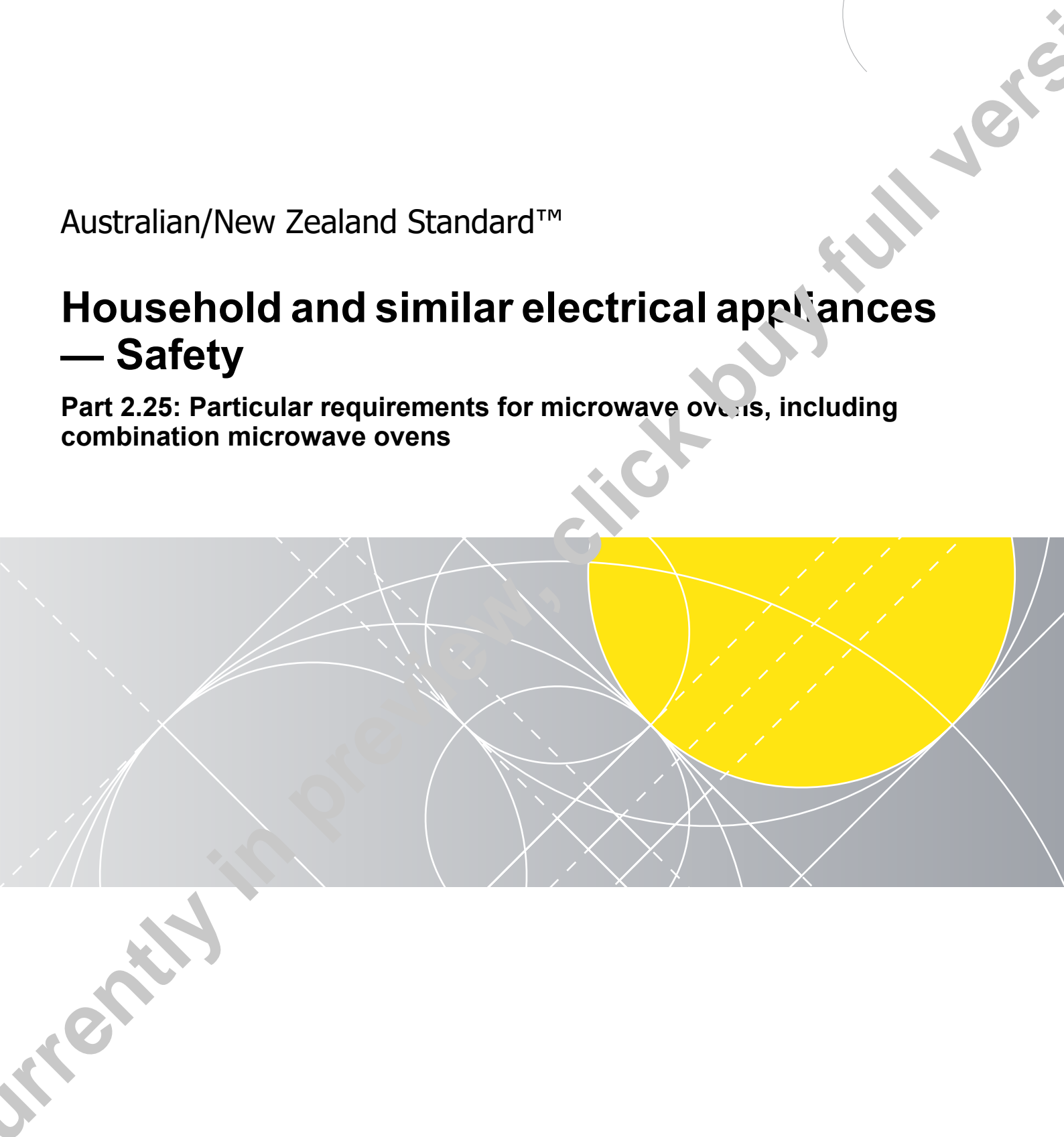
AS/NZS 60335.2.25:2025
IEC 60335-2-25:2024



Australian/New Zealand Standard™

Household and similar electrical appliances — Safety

Part 2.25: Particular requirements for microwave ovens, including
combination microwave ovens



AS/NZS 60335.2.25:2025

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 12 May 2025 and by the New Zealand Standards Approval Board on 12 June 2025.

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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
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NOTES

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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 60335.2.25:2020, three years from the date of publication of this standard. During this period, AS/NZS 60335.2.25:2020 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 60335-2-25, Ed. 8.0, 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 2020 edition of AS/NZS 60335.2.25 are as follows (minor changes are not listed):

- (a) Alignment with AS/NZS 60335.1:2022;
- (b) Some subclauses have been modified for the appliance outlets and socket-outlets;
- (c) Subclause 7.12 has been improved in clarity;
- (d) Subclauses 8.1.1 and 20.2 have been modified to adopt test probe 19;
- (e) Subclauses 10.1 and 10.2 have been improved in clarity for inverter type microwave ovens;
- (f) Maximum temperature rises of external accessible surfaces have been added in subclause 11.8;
- (g) Test criterion has been modified in subclause 15.101;
- (h) Subclause 15.102 has been modified for harmonisation with IEC 60335-2-6;
- (i) Subclauses 8.1.3, 15.103, 19.11.2, 19.13, 22.105, 22.106, 22.111, and Figure 101 have been improved in clarity;
- (j) Subclauses 22.103.2, 22.105 and 22.120 have been modified to adopt test probe 18;
- (k) Subclause 16.101 has been modified to move the content of 16.101.1, 16.101.2 directly under 16.101;
- (l) Subclause 22.119 has been modified to move the content of 22.119.1, 22.119.2, and 22.119.3 directly under 22.119.

This standard is an adoption with national modifications of the eighth edition of IEC 60335-2-25, *Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens*. 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.