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AS/NZS 60335.2.25:2011
IEC 60335-2-25 Ed 6.1
(IEC TEXT)
(Incorporating Amendment Nos 1 and 2)

AS/NZS 60335.2.25:2011

Australian/New Zealand Standard™

Household and similar electrical appliances—Safety

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

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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 4 April 2011 and on behalf of the Council of Standards New Zealand on 21 April 2011.
This Standard was published on 29 April 2011.

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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Australian/New Zealand Standard™

Household and similar electrical appliances—Safety

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

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

AS/NZS 60335.2.25:2011

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

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

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 60335.2.25:2002 three years from the date of publication.

A2

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 60335-2-25 Ed 6, prepared by IEC Technical Committee 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 AS/NZS 60335.2.25:2011.

The principal changes in this edition as compared with the 2002 edition of AS/NZS 60335.2.25 are as follows (minor changes are not listed):

- the scope is extended by microwave ovens on board ships and Annex BB contains requirements and test specifications for microwave ovens on board ships;
- the scope and the requirements for the instructions are modified for better separation between “household and similar use” and “commercial use”;
- the scope is modified so that this International Standard does not take into account persons whose capabilities or lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction and children playing with the appliance;
- the intended use is defined for clarification;
- the door endurance test is rationalised;
- the replacement of 22.103, 22.104 and 22.105 allows interlock systems with at least one concealed door interlock as well as alternative interlock systems without concealed door interlock;
- the tests on electronic door interlock systems and similar are defined for clarification;
- the pollution degree of combination microwave ovens is defined for clarification;
- the thickness requirement for sheaths of visibly glowing heating elements of combination microwave ovens is defined for clarification;
- there is an editorial correction of Clause 19 of Annex AA.

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A2
DOW
13/01/19

This Standard is an adoption with national modifications of the sixth 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. It was established on the basis of AS/NZS 60335.1:2002.

A2
DOA
13/01/19

The text of IEC 60335-2-25 Ed 6 amendment 1, prepared by IEC Technical Committee SC 61B, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption as an amendment to the Standards Australia/Standards New Zealand joint standard AS/NZS 60335.2.25:2011.

A1
DOA
30/06/17

This Standard incorporates Amendment No. 1 (June 2015). The changes required by the amendment 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) is indicated by the marginal bar against the part affected. Unless otherwise indicated, the application date of the changes introduced by Amendment 1 is 30 June 2017. Up until this date either AS/NZS 60335.2.25:2011 or AS/NZS 60335.2.25:2011 + A1:2015.

This Standard is an adoption with national modifications of the sixth edition of IEC 60335-2-25, *Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens* and its amendment 1 (2014). It has been varied as indicated to take account of Australian and New Zealand conditions.

A1
DOW
30/06/17

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This Standard is an adoption with national modifications of the sixth edition of IEC 60335-2-25, *Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens* and its amendment 1 (2014). It has been varied as indicated to take account of Australian and New Zealand conditions.

A2
DOA
13/01/19

The text of IEC 60335-2-25 Ed 6 amendment 2, prepared by IEC Technical Committee SC 61B was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption as an amendment to the Standards Australia/Standards New Zealand joint standard AS/NZS 60335.2.25:2011.

This Standard incorporates Amendment No. 1 (June 2015) and Amendment No. 2 (January 2017). The changes required by the amendment 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) is indicated by the marginal bar against the part affected. Unless otherwise indicated, the application date of the changes introduced by Amendment No. 1 is 30 June 2017 and the application date of the changes introduced by Amendment No. 2 is 13 January 2019.

Up until 30 June 2017 AS/NZS 60335.2.25:2011 or AS/NZS 60335.2.25:2011 + A1:2015 or AS/NZS 60335.2.25:2011 + A1:2015 + A2:2017 may be used.

After 30 June 2017 and up until 13 January 2019 AS/NZS 60335.2.25:2011 + A1:2015 or AS/NZS 60335.2.25:2011 + A1:2015 + A2:2017 may be used.

After 13 January 2019 only AS/NZS 60335.2.25:2011 + A1:2015 + A2:2017 may be used.

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