

Australian/New Zealand Standard™

**Household and similar electrical
appliances—Safety**

**Part 2.73: Particular requirements for
fixed immersion heaters**



AS/NZS 60335.2.73:2005

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 21 March 2005 and on behalf of the Council of Standards New Zealand on 1 April 2005.

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Australian Retailers Association
Australian Electrical and Electronic Manufacturers Association
Business New Zealand
Consumer Electronic Suppliers Association, Australia
Consumers' Federation of Australia
Electrical Regulatory Authorities, Australia
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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 60335.2.73:2005

Household and similar electrical appliances—Safety

Part 2.73: Particular requirements for fixed immersion heaters

RECONFIRMATION NOTICE

Technical Committee EL-002 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

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NOTES

Australian/New Zealand Standard™

Household and similar electrical appliances—Safety

Part 2.73: Particular requirements for fixed immersion heaters

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AUSTRALIA/NEW ZEALAND STANDARD

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2.73: Particular requirements for fixed immersion heaters

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 3350.2.73:1996, seven years from the date of publication. During this seven year period either AS/NZS 3350.2.73:1996 or AS/NZS 60335.2.73:2005 may be used for regulatory purposes in both Australia and New Zealand.

A2 | This Standard incorporates Amendment No. 1 (October 2006) and Amendment No. 2 (May 2010). 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) is indicated by the marginal bar against the part affected.

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.

A2 | This Standard is an adoption with national modifications and contains the full text of the second edition of IEC 60335-2-73, *Household and similar electrical appliances – Safety - Part 2-73: Particular requirements for fixed immersion heaters* including its amendment 1 (2006) and amendment 2 (2009) and has been varied as indicated to take account of Australian and New Zealand conditions. It is 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.

This part 2 supplements or modifies the corresponding clauses of AS/NZS 60335.1 (referred to as part 1 in this part 2) so as to convert it into the Australian/New Zealand Standard: Safety of fixed immersion heaters.

NOTE 1 When "Part 1" is mentioned in this standard, it refers to AS/NZS 60335.1.

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 in Part 1 is to be adapted accordingly.

NOTE 2 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.

NOTE 3 The following print types are used:

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