

AS 3303—1995/NZS 6324:1995

Australian/New Zealand Standard[®]

**Approval and test specification—
Particular requirements for
refrigerators and food freezers**

AS 3303—1995/NZS 6324:1995

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/2, Electrical Approvals Standards. It was approved on behalf of the Council of Standards Australia on 4 July 1995 and on behalf of the Council of Standards New Zealand on 5 August 1995. It was published on 5 November 1995.

The following interests are represented on Committee EL/2:

Association of Certification Bodies, Australia
Association of New Zealand Electrical Appliance Distributors
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Consumer Electronics Suppliers Association, Australia
Electrical regulatory authorities
Electrical Supply Association of Australia
Electrical test laboratories
Electricity Supply Association, New Zealand
Federal Bureau of Consumers Affairs, Australia
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Metal Trades Industry Association of Australia
Ministry of Commerce, New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/2 on Electrical Approvals Standards to supersede AS 3303—1990/ NZS 6324:1990. It was prepared to align Australian Approval and Test Specifications and New Zealand Standards progressively with International Electrotechnical Commission (IEC) Standards for appliances.

This Standard closely follows IEC 335-2-24:1984, *Safety of household and similar electrical appliances*, Part 2: *Particular requirements for refrigerators and food freezers*, including Amendment No. 1. It is to be read in conjunction with AS 3300/NZS 6300, *Approval and test specification—General requirements for household and similar electrical appliances*, and modifies the corresponding clauses of AS 3300/NZS 6300 to convert that Specification into the Australian and New Zealand safety standard for refrigerators and food freezers in the following manner:

- (a) Where a particular clause of AS 3300/NZS 6300 is not referred to in this Standard, that clause of AS 3300/NZS 6300 is applicable.
- (b) Where the word 'ADDITION' is used it means that the corresponding requirement of AS 3300/NZS 6300 is added to by the requirement of this Standard.
- (c) Where the word 'REPLACEMENT' is used it means that the corresponding requirement of AS 3300/NZS 6300 is replaced by the requirement of this Standard.

Where the word 'VOID' is used it means that the requirement in IEC 335-2-24:1984 is not used in Australia or New Zealand. The word is also used where the deletion of a requirement would lead to consequential renumbering of references within the body of this Standard.

A number of variations have been made in this Standard to the test of IEC 335-2-24:1984. These variations are necessary to take into account the national requirements for electrical appliances that apply in both Australia and New Zealand. The variations are indicated throughout the text of this Standard by marginal bars located against the changed text or figure. The majority are technical. Other variations to notes, explanatory matter, figures and references to Australian and New Zealand Standards and Specifications are also included for completeness.

Descriptions of these variations are to be found in the Annex to this Standard, given in the order found within the body of this Standard. These variations also form the Australian national variations for purposes of the IEC scheme for recognition of results of testing to Standards for safety of electrical equipment (the CB scheme).

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

The numbering of clauses and figures closely follows that of IEC 335-2-24:1984. To allow for the introduction of additional material by the IEC, the numbers 101 to 200 have been reserved. To allow for additional material to be introduced by Australia or New Zealand, the numbers 301 to 400 are used. This scheme has been introduced to reduce the likelihood of the IEC and Australia or New Zealand using the same clause or figure number for differing requirements. Where Australia or New Zealand has added a requirement or made a change to a particular clause of IEC 335-2-24 that clause number remains unchanged.

In this Standard the requirements appear in roman type, notes and explanatory matter are indented and tests appear in italic type.

In Australia this Standard supersedes AS 3303—1990 on publication. In New Zealand this Standard supersedes NZS 6324:1990 on publication.

This Standard incorporates Amendment Nos. 1, 2, 3, 4 and 5 to the 1990 edition and contains changes which more closely align it with IEC 335-2-24:1984. It has also been editorially changed to align it with the latest edition of AS 3300/NZS 6300.

This Standard requires reference to the following:

STANDARDS

AS

- | | |
|------|---|
| 1430 | Household refrigerators and freezers |
| 1939 | Degrees of protection provided by enclosures for electrical equipment (IP Code) |

APPROVAL AND TEST SPECIFICATIONS

AS

- | | |
|------------------|--|
| 3109 | Appliance couplers for household and similar general purposes |
| 3109.1 | Part 1: General requirements |
| 3305 | Particular requirements for motor compressors |
| AS 3300/NZS 6300 | General requirements for household and similar electrical appliances |

NOTE: Where no relevant New Zealand Standard is listed, the referenced Australian Standard is deemed to be appropriate for the purpose of this Standard.

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