

AS 3316—1992  
NZS 6353:1992

Australian Standard®  
New Zealand Standard

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**Approval and test specification—  
Particular requirements for  
electric sauna heating appliances**

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## **AS 3316—1992/NZS 6353:1992**

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This Standard was prepared under a joint arrangement by Standards Australia and the Standards Association of New Zealand. It was approved for publication on behalf of the Council of Standards Australia on 22 January 1992 and on behalf of the Standards Council of New Zealand on 13 March 1992. It was published on 15 May 1992.

**The following organizations are represented on the Committees responsible for this Standard:**

### **Standards Australia Committee EL/2, Electrical Approvals Standards**

Australian Electrical and Electronic Manufacturers Association  
Confederation of Australian Industry  
Consumer Electronics Suppliers Association  
Electrical Apparatus Approvals Authorities  
Electrical testing laboratories  
Electricity Supply Association of Australia  
Institution of Engineers, Australia

### **Standards Association of New Zealand Committee 604/1, Safety of household and similar electrical appliances**

Electricity Supply Association  
Ministry of Commerce (Energy Inspection)  
New Zealand Electrical Institute  
New Zealand Electrical Range Manufacturers Association  
New Zealand Manufacturers Federation  
In addition an electrical consultant and manufacturer were part of the Committee.

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## PREFACE

This Specification was prepared by the Joint Australian/New Zealand Committee on Electrical Approval Standards. It was prepared to align Australian Approval and Test Specifications and New Zealand Standards progressively with International Electrotechnical Commission (IEC) Standards for appliances.

This Specification is issued as a joint Standard under the terms of the Memorandum of Understanding between Standards Australia and the Standards Association of New Zealand, with the objective of reducing technical barriers to trade between the two nations.

This Specification is reproduced from IEC 335-2-53:1988, *Safety of household and similar electrical appliances*, Part 2: *Particular requirements for electric sauna heating appliances*. It is to be read in conjunction with AS 3300/NZS 6300, *Approval and test specification—General requirements for household and similar electrical appliances* (referred to as Part 1 in this Specification), and modifies the corresponding clauses of AS 3300/NZS 6300 to convert that Specification into the Australian and New Zealand safety standard for electric sauna heating appliances in the following manner:

- (a) Where a particular clause of Part 1 is not referred to in this Specification, that Clause of Part 1 is applicable.
- (b) Where the word 'ADDITION' is used, it means that the corresponding requirement of Part 1 is added to by the requirement of this Specification.
- (c) Where the word 'REPLACEMENT' is used, it means that the corresponding requirement of Part 1 is replaced by the requirement of this Specification.
- (d) Where the word 'MODIFICATION' is used, it means that the corresponding requirement of Part 1 is modified by the requirement of this Specification.

A number of variations have been made in this Specification to the text of IEC 335-2-53:1988. 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 Specification 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 Specification, given in the order found within the body of this Specification. 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 variations modify the text of IEC 335-2-53:1988 in the following manner:

- (a) Where the word 'ADDITION' is used in the Annex, it means that the variation is additional to the corresponding requirement of this Specification.
- (b) Where the word 'REPLACEMENT' is used in the Annex, it means that the variation replaces the corresponding requirement of this Specification.
- (c) Where the word 'VOID' is used in the Annex, it means that the requirement in IEC 335-2-53:1988 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 Specification.

The numbering of clauses and figures closely follows those of IEC 335-2-53:1988. 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 335-2-53:1988 that clause number remains unchanged.

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

In Australia this Specification takes effect on publication. In New Zealand this Specification takes effect 2 years from publication.

This Specification requires reference to the following:

### STANDARDS

AS	NZS	
1939	—	Degrees of protection provided by enclosures for electrical equipment (IP Code)

### APPROVAL AND TEST SPECIFICATIONS

AS	NZS	
3191	—	Electrical flexible cords
3300	6300	General requirements for household and similar electrical appliances

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