

**AS/NZS 3136:2001  
(Incorporating Amendments 1 & 2)**

**Approval and test specification –**

**Electrical equipment for spa and  
swimming pools**

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 May 2001 and on behalf of the Council of Standards New Zealand on 12 May 2001. It was published on 11 June 2001.

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The following interests are represented on Committee EL-002

Association of Certification Bodies  
Australian Chamber of Commerce and Industry  
Australian Electrical and Electronic Manufacturers Association  
Canterbury Manufacturers Association New Zealand  
Consumer Electronic Suppliers Association, Australia  
Electrical regulatory authorities, Australia  
Electrical test laboratories  
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Australian/New Zealand Standard™

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Electrical equipment for spa and  
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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 3136 - 1996/NZS 6232:1996 two years from the date of publication.

During this period it is anticipated that regulatory authorities will approve appliances to either specification.

This Standard is one of a series of Approval and Test Specifications issued by Standards Australia and Standards New Zealand. These Standards are to be read in conjunction with AS/NZS 3100, *Approval and test specification—General requirements for electrical equipment*. The objective of these Standards is to outline the conditions which must be met to secure approval for the sale and use of electrical equipment. Only safety matters and related conditions are covered.

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.

This Standard incorporates Amendment No. 1 (November 2001) and Amendment No. 2 (June 2005). 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.

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

## AUSTRALIA/NEW ZEALAND STANDARD

**Approval and test specification -  
Electrical equipment for spa and swimming pools****1 SCOPE**

This Standard applies to electrical equipment for use with spa and swimming pools, which are intended for operation at low voltage.

The following are examples of electrical equipment to which this Standard is applicable:

- (a) Spa and swimming pool heaters.
- (b) Pool chlorinators.
- (c) Automatic chemical injection equipment.
- (d) Spa and swimming pool control equipment.

This Standard does not apply to the following:

- (i) Spa and swimming pool luminaires.
- (ii) Equipment for use with aquariums and fountains.
- (iii) Appliances and equipment within the scopes of AS/NZS 3350.2.41 or AS/NZS 3350.2.60.

**2 APPLICATION****2.1 General requirements of AS/NZS 3100**

The Standard shall be read in conjunction with AS/NZS 3100. The appropriate provisions of AS/NZS 3100 shall apply to the construction of the equipment and the insulation and safeguarding of parts which normally carry current.

**2.2 Specific requirements of this Standard**

Equipment shall comply with this Standard only if it complies with all the appropriate requirements of this Standard and passes the relevant tests specified herein.

**2.3 Requirements of other Standards**

Components incorporated in electrical equipment for spa and swimming pools, upon which safety depends, shall comply with the appropriate requirements of any relevant Approval and Test Specification, unless such requirements are varied herein.

NOTE: All equipment covered by this Standard is to be installed in accordance with the requirements of AS/NZS 3000.