

Australian Standard<sup>®</sup>

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**Approval and test specification—  
Electrically operated projectors  
for household and similar use**

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This Australian Standard was prepared by Committee EL/2, Electrical Approval Standards. It was approved on behalf of the Council of Standards Australia on 13 June 1995 and published on 5 September 1995.

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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  
Electricity Supply Association, New Zealand  
Electrical test laboratories  
Federal Bureau of Consumer Affairs, Australia  
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Metal Trades Industry Association of Australia  
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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 3181—1986.

This Standard is the result of a consensus among Australian and New Zealand representatives on the Joint Committee to produce this document as an Australian Standard. However, the publishing of a Joint Standard will be considered during the next revision.

This Standard is one of a series of Approval and Test Specifications issued by Standards Australia and Standards New Zealand. In Australia, these Standards are to be read in conjunction with AS 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.

This Standard was revised to incorporate Amendment No. 1 to AS 3181—1986 and to effect change to Clause 5.1 for type of attachment.

This Standard supersedes AS 3181—1986 from date of publication.

This Standard does not provide all the necessary conditions for a contract.

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## STANDARDS AUSTRALIA

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Australian Standard**Approval and test specification—  
Electrically operated projectors for household and similar use**

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**1 SCOPE** This Standard applies to household electric projectors as defined in Clause 2 below and designed for operation at low voltage.

For the purpose of this Standard an electrically operated projector for household and similar use is called a projector.

**2 APPLICATION**

**2.1 General requirements of AS 3100** This Standard shall be read in conjunction with AS 3100 and the appropriate provisions of AS 3100 shall apply to the construction of the projector and the insulation and safeguarding of parts which normally carry current.

**2.2 Specific requirements of this Standard** A projector shall be deemed to comply with this Standard only if it complies with all the requirements of this Standard and passes the relevant tests specified herein.

**2.3 Requirements of other Standards** Components incorporated in a projector upon which safety depends shall comply with the appropriate requirements of any relevant approval and test specification unless such requirements are varied herein.

**2.4 Electronic equipment** Electronic sound and control equipment incorporated with the projector shall comply with the requirements of AS 3250.

**3 REFERENCED DOCUMENTS** The following documents are referred to in this Standard:

## APPROVAL AND TEST SPECIFICATIONS

## AS

- 3100 General requirements for electrical equipment
- 3109 Appliance couplers for household and similar general purposes
- 3109.1 Part 1: General requirements
- 3117 Bayonet lampholders
- 3140 Edison-type screw lampholders
- 3145 Radio interference suppression devices
- 3191 Electric flexible cords
- 3250 Mains operated electronic and related equipment for household and similar general use

## AS/NZS

- 3108 Particular requirements for isolating transformers and safety isolating transformers.