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APPROVAL AND TEST SPECIFICATION— ELECTRIC CLOTHES DRYING CABINETS FOR HOUSEHOLD USE



**PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
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- Australian Consumers Association
 - 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
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PREFACE

This standard was prepared by Committee EL/2, Electrical Approvals Standards. It is one of a series of approval and test specifications issued by the Association. These specifications are accompanied by a general specification AS 3100, containing definitions and general requirements for electrical materials and equipment. The purpose of these specifications is to outline conditions which must be met to secure approval for the sale and use of electrical equipment in Australia. Only safety matters and related conditions are covered.

This edition was published to incorporate into the specification Amendment No 1 to AS 3196—1982 and to effect changes to Clauses 10 and 16.9 with regard to new requirements for switches and fire tests. Also a list of referenced documents has been added to Clause 1 and a note with regard to the Standards Mark has been added to Clause 13.

This specification supersedes AS 3196—1982 from date of publication.

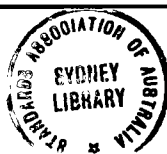
The Association desires to call attention to the fact that this specification does not purport to include all the necessary provisions of a contract.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

APPROVAL AND TEST SPECIFICATION—
ELECTRIC CLOTHES DRYING CABINETS FOR HOUSEHOLD USE

This specification shall be read in conjunction with AS 3100. (See also Clause 3, below.)

1 SCOPE AND REFERENCED DOCUMENTS.

1.1 Scope. This specification applies to electric clothes drying cabinets as defined in Clause 2, which are designed for operation at low or medium voltage and are intended for use in the drying of household textile material which has previously been washed in a water solution.

This specification does not apply to rotary clothes dryers covered by AS 3185 or to heated towel rails.

1.2 Referenced documents. The following approval and test specifications are referred to in this specification:

AS 3100	Definitions and General Requirements for Electrical Materials and Equipment
AS 3109	Appliance Couplers for Household and Similar General Purposes
AS 3121	Insulating Mouldings
AS 3161	Thermostats and Energy Regulators
AS 3185	Electric Rotary Clothes Dryers for Household Use
AS 3191	Electric Flexible Cords.

2 DEFINITIONS. For the purpose of this specification, the following definition applies:

Electric clothes drying cabinet (hereinafter referred to as a 'drying cabinet')—an electrical appliance primarily intended for household use and designed principally for drying water-washed household textile materials, by the circulation of heated air over and through such materials while they are suspended or otherwise supported in the cabinet.

3 COMPLIANCE WITH SPECIFICATIONS.

3.1 General requirements of AS 3100. This specification shall be read in conjunction with AS 3100 and the appropriate provisions of AS 3100 shall apply to the construction of the drying cabinet and the insulation and/or safeguarding of parts which normally carry current.

3.2 Specific requirements of this specification. A drying cabinet shall be deemed to comply with this specification only if it complies with all the requirements of this specification and passes the relevant tests specified herein.

3.3 Requirements of other specifications. Equipment and components incorporated in a drying cabinet which are depended upon for safety shall comply with the appropriate requirements of any relevant approval and test specification unless such requirements are varied herein.

4 MEANS OF CONNECTION.**4.1 Connection by flexible cord and plug.**

4.1.1 General. A drying cabinet intended for connection to a plug socket by means of a flexible cord and connecting plug shall comply with the requirements of Clauses 4.1.2 and 4.1.3.

4.1.2 Flexible cord and connecting plug. The drying cabinet shall be provided with a supply flexible cord and connecting plug; the flexible cord provided with the drying cabinet for the purpose of connecting it to the supply shall—

- be of a type not inferior to an ordinary duty sheathed type in accordance with AS 3191;
- be correctly wired in accordance with the appropriate requirements of Clause 4.4 of AS 3100; and
- have a free length of not less than 1.8 m.

4.1.3 Connecting facilities. The drying cabinet shall be provided with one of the following means of connection to the supply:

- A Type C appliance plug and appliance inlet complying with AS 3109. The appliance inlet shall be so arranged that the temperature of the plug when inserted will not exceed the limiting temperatures specified in AS 3100 for the materials used, when the drying cabinet is operated under the conditions prescribed in Clause 16.3. The appliance inlet shall be located or shielded so as to be protected from any spillage which may occur in the normal use of the drying cabinet.
- A power supply cord which shall be assembled with the appliance by one of the following methods:
 - Type X attachment.
 - Type M attachment.
 - Type Y attachment.

4.2 Permanent connection. A drying cabinet intended for connection to fixed wiring shall be provided with facilities for the connection of the supply conductors in accordance with the relevant requirements of Clause 4.3 of AS 3100 subject to the following conditions:

- Terminals of a heating element or heating unit, or of a thermostat, shall not be used as a means for the connection of supply conductors.
- Active and neutral terminals shall be marked in accordance with the requirements of Clause 7.6 of AS 3100.

5 DESIGN AND CONSTRUCTION.**5.1 Guarding.**

5.1.1 Fixing. Any guarding shall be fixed in position in such a manner that a tool is necessary for its removal. Where it is possible for a guard or panel