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Australian Standard 3185—1981

APPROVAL AND TEST SPECIFICATION FOR ELECTRIC ROTARY CLOTHES DRYERS FOR HOUSEHOLD USE



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THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL organizations or departments were officially represented on the committee entrusted with the preparation of this specification:

- Australian Chamber of Commerce
- Australian Electrical and Electronic Manufacturers Association
- Confederation of Australian Industry
- Electrical Apparatus Approvals Authorities
- Electrical Contractors Association of Australia
- Electrical Testing Laboratories
- Electricity Supply Association of Australia
- Electronic Importers Association

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PREFACE

This revised specification, prepared by Committee EL/2, Electrical Approvals Standards, was approved on behalf of the Council of the Standards Association of Australia on 1 May 1981, and was published on 1 August 1981.

It is one of a series of approval and test specifications issued by the Association. These specifications are accompanied by a general specification AS C100, 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 is technically identical with the 1972 edition, except that it incorporates Amendments Nos 1 to 5 to that edition which were issued in March, August and October, 1975, August 1977, and August 1978 respectively, renumbers Clauses 16A to 18, and includes changes to the following clauses:

- Changes that form part of the specification 12 months after publication:
 - Clause 10—modifies existing requirements for thermal protection of motors
 - Clause 19.6.3—modifies testing requirements
 - Table 1—modifies the application order of tests.
- Changes that form part of the specification on publication:
 - Clause 19.5—incorporates present terminology for thermal cutouts
 - Clause 19.6.2—incorporates present terminology for thermal cutouts.

This specification supersedes AS 3185—1972 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.

This specification requires reference to the following Australian standard approval and test specifications:

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|---------|---|
| AS 3121 | Insulating Mouldings |
| AS 3133 | Air Break Switches |
| AS 3145 | Radio Interference Suppression Devices |
| AS 3161 | Thermostats and Energy Regulators |
| AS 3191 | Electric Flexible Cords |
| AS C100 | Definitions and General Requirements for Electrical Materials and Equipment |
| AS C109 | Appliance Plugs and Appliance Inlet Sockets |

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard
APPROVAL AND TEST SPECIFICATION
FOR
ELECTRIC ROTARY CLOTHES DRYERS FOR
HOUSEHOLD USE

SEE AMENDMENT No 1

This specification shall be read in conjunction with AS ~~C100~~³¹⁰⁰. (See Clause 3, below.)

1 SCOPE. This specification applies to electric clothes dryers, as defined in Clause 2.1, which are designed for operation at low or medium voltage and are intended for use in the drying of household textile material which has been previously washed in a water solution.

The specification also applies to electric washing machines which provide for a rotary drying cycle as described in Clause 2.1, and to electric rotary clothes dryers incorporated as part of combination washer/dryer units. It does not apply to combination gas/electric rotary clothes dryers.

2 DEFINITIONS. For the purpose of this specification the following definitions shall apply.

2.1 Electric rotary clothes dryer—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 caused to tumble freely during the process.

NOTE: Throughout the specification an electric rotary clothes dryer is referred to as a 'dryer'.

2.1.1 Automatic dryer—a dryer in which the sequence and period of the various operations can be pre-set and the whole cycle carried out and terminated automatically.

3 COMPLIANCE WITH SPECIFICATIONS

3.1 General Requirements of AS ~~C100~~³¹⁰⁰ This specification shall be read in conjunction with AS ~~C100~~³¹⁰⁰, and the appropriate provisions of that specification shall apply to the construction of the dryer and the insulation and safeguarding of parts which normally carry current.

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