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Electrical withdrawn in Sept 1983. " 2 - October 1982.
See preface to AS 3303-1981 AS 3174-1979
WAL ROBSON checking this 12/1/84 cc UDC 621.31:621.565:641.4.037
See also AS 3303 - 1981 D.

Australian Standard

WITHDRAWN

3174-1979

TAS. April 1987

Superseded by AS 3303-1981 in Sept. 1983
APPROVAL AND TEST (TAS: May 1987)

SPECIFICATION FOR

DOMESTIC ELECTRIC

REFRIGERATORS AND

FREEZERS



PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
STANDARDS HOUSE, 80 ARTHUR ST, NORTH SYDNEY, N.S.W.

Incorporated by Royal Charter



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 of Australia
Electronic Importers Association

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Amendment No 1
May 1982

STANDARDS ASSOCIATION OF AUSTRALIA
Incorporated by Royal Charter

AMENDMENT No 1

to

AS 3174—1979

Approval and Test Specification

for

DOMESTIC ELECTRIC REFRIGERATORS AND FREEZERS

The 1979 edition of AS 3174 is amended as follows; the amendment should be inserted in the appropriate place.

SUMMARY: The following sections of the standard are covered by this amendment: Clauses 4.1, 4.2, 6, 19.16 (new), 19.17 (new) and Table 1. In addition a number of references to AS C100 have been changed to AS 3100.

Published on 10 May 1982.

✓ **Preface.**

✓ **Page 5.** (Line under title.)

✓ **Clauses 3.1, 4.4, 5, 8, 9, 18 and 19.**

Delete 'AS C100' and insert 'AS 3100'.

This amendment forms part of the specification on publication.

AMDT
No 1
MAY
1982

10 MAY 1982

8 OCT 1982

AS 3174/Amdt 2/1982-10-11

STANDARDS ASSOCIATION OF AUSTRALIA

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Amendment No 2

to

AS 3174—1979

Approval and Test Specification for

DOMESTIC ELECTRIC REFRIGERATORS AND FREEZERS

REVISED TEXT

The 1979 edition of AS 3174 is amended as follows; the amendments should be inserted in the appropriate place.

SUMMARY: The following sections of the standard are covered by this amendment: Clause 19.12(b) and Table 2.

Published on 11 October 1982.

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 27 July 1979, and was published on 1 November 1979.

It is one of a series of approval and test specifications issued by the Association under Part 2 of the SAA Wiring Rules. These specifications are accompanied by a general specification AS ~~C100~~ ^{SEE AMENDMENT No 1} 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.

The purpose of the revision is to express the requirements in metric units having regard to Australian Government legislation under the Metric Conversion Act, 1970, which has the objective of the progressive adoption of such units. The '3000' series of numbers has been allocated for new and revised SAA approval and test specifications expressed in metric units, the letter classification 'C' being dropped; thus this specification which was numbered AS C174 in the imperial unit series becomes AS 3174 in the metric series.

It should be noted that the metric values herein are a 'soft' conversion, i.e. a direct conversion from imperial to metric units, rounded off as was considered appropriate. No attempt has been made to revise established criteria; however, various items have been updated in line with current drafting practice.

This specification supersedes AS C174—1966 from date of publication.

While not within the scope of this specification, attention is drawn to the need for ensuring that refrigerators may easily be opened from the inside; the lack of this facility has been the cause of some fatalities with small children.

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:

C100 ³¹⁰⁰	Definitions and General Requirements for Electrical Materials and Equipment
C109 ³¹⁰¹	Appliance Plugs and Appliance Inlet-sockets
3121	Insulating Mouldings
3133	Air-break Switches
3140	Edison-Type Screw Lampholders
3191	Electric Flexible Cords

In addition, reference to other approval and test specifications may be required for approval of particular components incorporated in domestic electric refrigerators and freezers (see Clause 3.3).

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard Approval and Test Specification for DOMESTIC ELECTRIC REFRIGERATORS AND FREEZERS

SEE AMENDMENT No 1

This specification shall be read in conjunction with AS C100, Approval and test specification for Definitions and General Requirements for Electrical Materials and Equipment. (See also Clause 3, below.)

1 SCOPE. This specification applies to domestic electric refrigerators and freezers of the self-contained, compressor-operated type, designed for operation at low voltage.

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

Domestic electric refrigerator—a refrigerator designed for the storage of food and primarily intended for household use. The term 'refrigerator' includes 'freezer' either as a part of the refrigerator or as a separate appliance.

3 COMPLIANCE WITH SPECIFICATIONS.

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

3.2 Specific Requirements of this Specification. A refrigerator 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.

3.3 Requirements of Other Specifications. Components incorporated in refrigerators 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. SEE AMENDMENT No 1

4.1 Permanent Connection. A refrigerator intended for permanent connection to fixed wiring shall include facilities for the entry of insulated conductors within their conduit, sheathing, or other protective covering, and shall have terminals suitable for the connection of supply conductors and an earthing-conductor (if required).