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AS 3115-1983

*Amendment 1 - August 1981
2 - March 1982
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Electrical

AS 3115-1980
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Australian Standard 3115-1980

APPROVAL AND TEST SPECIFICATION FOR MOTOR-OPERATED APPLIANCES

See also AS.3302 (Yans)



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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 Electronics Manufacturers Association
- Confederation of Australian Industry
- Department of Housing and Construction
- Electrical Apparatus Approvals Authorities
- Electrical Contractors Association of Australia
- Electrical Testing Laboratories
- Electricity Supply Association of Australia
- Electronic Importers Association

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STANDARDS ASSOCIATION OF AUSTRALIA

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Amendment No 3

to

AS 3115—1980

**Approval and Test Specification for
MOTOR OPERATED APPLIANCES**

REVISED TEXT

The 1980 edition of AS 3115 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 15.3.4 and Table 4.

Published on 11 October 1982.

Amendment No 2
March 1982

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AMENDMENT No 2
to
AS 3115—1980
SAA Approval and Test Specification
for
MOTOR OPERATED APPLIANCES

The 1980 edition of AS 3115 which was previously amended in August 1981 is further 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 4.2.2, 15.4, 15.5 (new) and Table 3. In addition a number of references to AS C100 have been changed to AS 3100.

Published on 15 March 1982.

25 FEB 1982

Amendment No 1
August 1981

STANDARDS ASSOCIATION OF AUSTRALIA
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AMENDMENT No 1
to
AS 3115—1980
SAA Approval and Test Specification
for
MOTOR-OPERATED APPLIANCES

The 1980 edition of AS 3115 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: Clause 10.2; Table 3; Clauses 15.3.5, 15.4 (new); Appendix B.

Published on 1 September 1981.

17 AUG 1981

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 25 August 1980, and was published on 1 November 1980.

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 ~~3100~~ 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 is technically identical with the 1978 edition except for changes to the following clauses:

- Clause 1 clarifies the situation with regard to controllers.
- Clause 9 (new clause) introduces requirements for capacitors.
- Clause 10.1 first paragraph has been altered to clarify the present requirements.
- Table 3—tests 11 and 12 have been deleted.
- Clause 14.3.2 allows for some exemptions from the overload test.
- Clause 14.3.4 specifies requirements for a locked rotor test.
- Clause 14.3.5 now provides only for a needle flame test.
- Appendix B altered editorially.

NOTE: All clauses after Clause 8 of the 1978 edition have been renumbered following insertion of the new Clause 9.

This specification supersedes AS 3115—1978 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:

- | | |
|------------------------------------|-----------------------------------------------------------------------------|
| AS 3121 | Insulating Mouldings |
| AS 3133 | Air Break Switches |
| AS 3191 | Electric Flexible Cords |
| AS 3100 ³¹⁰⁰ | Definitions and General Requirements for Electrical Materials and Equipment |
- SEE AMENDMENTS 2.



STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

APPROVAL AND TEST SPECIFICATION

FOR

MOTOR-OPERATED APPLIANCES

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

1 SCOPE. This specification applies to electric motor-operated appliances which are intended for operation at low or medium voltage and the largest motor of which has a rating not exceeding 1000 W.

This specification does not apply to the following:

- (a) Motor-operated appliances covered by separate approval and test specifications.
- (b) Except for fan controllers and similar equipment, motor control equipment which is not incorporated in the appliance with which the motor is associated or of which it forms a part.
- (c) Separate motors.

NOTE: Table 1 contains a typical list of the types of appliance to which this specification is applicable.

TABLE 1

APPLIANCES TO WHICH THIS SPECIFICATION APPLIES

Bench Grinders	Milking Machines
Cream Separators	Office Machines
Crushers and Grinders	Polishing Machines
Door Opening Devices	Pumps and Blowers
Evaporative-type Air Conditioners	Rotating Display Stands
Fans	Refrigerators (other than those within the scope of AS C174)
Food Waste Disposal Units	Sign Flashers
Fountains	Sirens and Bells
Garbage Compactors	Window Display Devices
Ironing Machines	
Machine Tools (other than those within the scope of AS 3160)	

2 DEFINITIONS. For the purpose of this specification, the following definitions, which are additional to those in AS C100, apply:

2.1 Motor-operated appliance—an appliance incorporating an electric motor or motors. The term 'motor' shall mean an electrically operated device producing rotary, linear or vibratory motion.