

*Superseded by 1981.*

# Australian Standard 3163 — 1977

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## APPROVAL AND TEST SPECIFICATION FOR ELECTRIC WASHING MACHINES FOR HOUSEHOLD USE



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

- Associated Chambers of Manufactures of Australia**
- Australian Chamber of Commerce**
- Australian Electrical Manufacturers Association**
- Department of Construction**
- Electrical Apparatus Approvals Authorities**
- Electrical Contractors Associations of Australia**
- Electrical Testing Laboratories**
- Electricity Supply Association of Australia**

<b>First published (as AS C163) .....</b>	<b>1960</b>
<b>Revised .....</b>	<b>1974</b>
<b>Revised and issued as AS 3163 .....</b>	<b>1977</b>

Amendment No 1  
August 1978

**STANDARDS ASSOCIATION OF AUSTRALIA**  
Incorporated by Royal Charter

**AMENDMENT No 1**

to

**AS 3163—1977**

**SAA Approval and Test Specification**  
for

**ELECTRIC WASHING MACHINES FOR HOUSEHOLD USE**

The 1977 edition of AS 3163 is amended as follows; the amendment should be inserted in the appropriate place.

**SUMMARY:** The following section of the standard is covered by this amendment: Clause 5.

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14 AUG 1978

## 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 21 December 1976, and was published on 1 April 1977.

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 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 had been numbered AS C163 — 1960 in the imperial unit series becomes AS 3163 — 1977 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 C163 — 1960 from date of publication.

In order to keep abreast of progress in the industries concerned, the publications of the Standards Association of Australia are subject to periodical review. Suggestions for improvement, addressed to the head office of the Association, P.O. Box 458, North Sydney, N.S.W., 2060, will be welcomed.

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 Definitions and General Requirements for Electrical Materials and Equipment



- C109 Appliance Plugs and Appliance Inlet-sockets**
- C115 Electric Motor-operated Appliances**
- 3121 Insulating Mouldings**
- 3133 Air Break Switches**
- C145 Radio Interference Suppression Devices**
- C161 Thermostats and Energy Regulators**
- 3191 Electric Flexible Cords (Metric Units)**

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# STANDARDS ASSOCIATION OF AUSTRALIA

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## Approval and Test Specification for ELECTRIC WASHING MACHINES FOR HOUSEHOLD USE

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**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.)**

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**1 SCOPE.** This specification applies to electric washing machines for household use intended for operation at low or medium voltage.

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

*Electric washing machine* — an appliance for household use designed principally for the washing of household linen, which incorporates means for agitating, and which may incorporate means for subsequently partially drying, the wash load.

*Automatic washing machine* — an electric washing machine in which the sequence and period of the various washing operations can be pre-set and the whole washing cycle carried out automatically.

*Non-automatic washing machine* — an electric washing machine in which the sequence and period of the various washing operations are controlled manually.

*Semi-automatic washing machine* — an electric washing machine in which the period or sequence of one or more of the washing operations can be controlled automatically, but manual operation of a control device is necessary to complete the whole cycle of washing operations.

### **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 washing machine and the insulation and/or safeguarding of parts which normally carry current.

**3.2 Specific Requirements of this Specification.** A washing machine 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.