AS 1996—1977

Australian Standard®

SPECIAL REQUIREMENTS FOR ELECTRICALLY OPERATED COOKING AND HEATING APPLIANCES FOR MARINE USE

The following scientific, industrial and governmental organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

American Bureau of Shipping
Australian Chamber of Shipping
Australian Shipbuilders Association
Australian Shipping Commission
Bureau Veritas
Department of Defence (Navy Office)
Department of Industry and Commerce
Department of Transport
Institute of Marine Engineers
Lloyds Register of Shipping
Royal Institute of Naval Architects

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PREFACE

This standard was prepared by the Electrical Subcommittee of the Association's Committee of Shipbuilding.

The standard is intended to be read in conjunction with existing standards for cooking and heating equipment for land use, and to supplement them in important aspects affecting the operation of such equipment in the marine environment. The standard covers mainly electrical aspects, but some constructional and utility requirements are included, and the opportunity has been taken to include also some recommendations in regard to modular dimensions.

Users of the standard should note that while observing the requirements of the standard, they should at the same time ensure compliance with such statutory and classification society requirements, rules and regulations as are applicable to the individual ship concerned.

This standard may require reference to the following standards:

AS 1149	Rotating Electrical Machinery in Ships
AS 1549	Household Electric Ranges
AS 1550	Electric Hotplates for Use in Household Electric Ranges
AS 1551	Manually Operated Controls for Heating Units in Household Electric Ranges
AS 1939	Classification of Degrees of Protection Provided by Enclosures for Electric Equipment
AS 3172	Approval and Test Specification for Electric Cooking Appliances for Household Use
AS 3100	Approval and Test Specification for Definitions and General Requirements for Electrical Materials and Equipment
AS 2005	Fuses with Enclosed Fuse-links (Up to and Including 1000 V a.c. and 1500 V d.c.) Part 1—1981 General Requirements Part 2—1977 Fuses for Industrial Application

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard Specification
for
SPECIAL REQUIREMENTS FOR ELECTRICALLY OPERATED COOKING AND HEATING APPLIANCES FOR MARINE USE

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This specification sets out special requirements for electrically operated cooking and heating appliances for marine use. The requirements are supplementary to those normally applying to such equipment for land use.

The specification covers limiting conditions of operation, general electrical requirements, and general constructional requirements for all types of appliance, and additional requirements for the particular types of appliance listed below:

Gallery ranges
Baking ovens
Deep fryers
Vegetable steamers
Hot cupboards, bain-maries and similar equipment
Stock pots
Hot water urns.

1.2 APPLICATION. Section 1 shall apply to all of the listed appliances and also to any major appliances which are not listed.

Section 2 shall apply to particular appliances as designated by the relevant clause, in addition to the requirements of Section 1.

So far as is practicable, having regard to the intended use, and except in respect of the special requirements specified herein, the requirements and tests of the following specifications shall apply to all appliances manufactured to this specification:

AS 3100	Approval and Test Specification for Definitions and General Requirements for Electrical Materials and Equipment
AS 1549	Household Electric Ranges
AS 1550	Electric Hotplates for Use in Household Electric Ranges
AS 1551	Manually Operated Controls for Heating Units in Household Electric Ranges
AS 3172	Approval and Test Specification for Electric Cooking Appliances for Household use.