

Australian Standard[®]

**Electrical installations—Movable
premises (including caravans)
and their site installations**

This Australian Standard was prepared by Committee EL/1, Wiring Rules. It was approved on behalf of the Council of Standards Australia on 11 April 1990 and published on 11 June 1990.

The following interests are represented on Committee EL/1:

Australian Electrical and Electronic Manufacturers Association
Association of Consulting Engineers Australia
Confederation of Australian Industry
Department of Administrative Services — Australian Construction Services
Electrical Contractors Associations of Australia
Electrical Regulatory Authorities
Electrical Trades Union of Australia
Electricity Supply Association of Australia
Institute of Electrical Inspectors
Institution of Engineers Australia
Insurance Council of Australia
Telecom Australia

Additional interests participating in preparation of Standard:

Caravan and Camping Industry Association of NSW
Caravan Park Association
Recreational Vehicle Manufacturers Association of Australia

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PREFACE

This Standard was prepared by the Standards Australia committee on wiring rules to supersede AS 3011—1985, *Electrical installations—Caravans and caravan park areas*.

This edition was prepared, in response to a request by Regulatory Authorities to provide a Standard covering all movable premises, including caravans and their site installations, and includes provisions for the connection of electric power to all types of movable premises.

The superseded edition should continue to apply to existing installations (including refurbishment) and this Standard shall apply to all new installations, including additions to existing installations, from a date to be set by the appropriate Regulatory Authority.

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STANDARDS AUSTRALIA

Australian Standard

Electrical installations—Movable premises (including caravans) and their site installations

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE. This Standard sets out requirements for electrical installations in movable premises intended for connection to supply systems of low and medium voltage (normally exceeding 32 V a.c. but not exceeding 650 V a.c.) and sites designated for connection of movable premises.

1.2 APPLICATION. Electrical installations of movable premises and sites shall be carried out in accordance with AS 3000 except as varied herein and with the additional requirements of this Standard.

This Standard does not apply to tents or non-rigid annexes which are covered by AS 3005.

1.3 REFERENCED DOCUMENTS. The documents below are referred to in this Standard:

AS

1939 Classification of degrees of protection provided by enclosures for electrical equipment

1977 Flexible insulating sleeving for electrical purposes

3000 SAA Wiring Rules

3005 Electrical installations of tents and similar temporary structures

APPROVAL AND TEST SPECIFICATIONS

AS

3108 Isolating transformers and safety isolating transformers

3109 Appliance couplers for household and similar general purposes

3111 Miniature overcurrent circuit-breakers

3112 Plugs and socket-outlets

3123 Plugs, socket-outlets and couplers for general industrial application

3147 Electric cables—Thermoplastic insulated for working voltages up to and including 0.6/1kV

3190 Current-operated (core balance) earth-leakage devices

3191 Electric flexible cords

3199 Cord extension sets

1.4 DEFINITIONS. For the purpose of this Standard the definitions in AS 3000 and the following apply.

1.4.1 Movable premises—any structure designed for human occupation, being of one or more complete parts, and capable of being placed on or removed from a site including relocatable homes; registrable and unregistrable transportable huts; demountable huts; caravans (including rigid annexes), motor homes, camper trailers and commercial units.

1.4.2 Caravan park—a property used for the placement of two or more movable premises but not including properties used for storage and display of movable premises.

1.4.3 Site—a location intended for the placement of movable premises.

1.4.4 Caravan park site—a site within a caravan park.

1.4.5 Direct connection—the electrical connection of a movable premises to an electrical installation in accordance with AS 3000 except as varied herein.

1.4.6 Detachable connection—the electrical connection of a movable premises to the electrical installation by means of a plug and socket-outlet.

1.4.7 Amenities—all facilities provided for the use of caravan park residents and their guests including toilet and ablution facilities and swimming pools.

1.4.8 Registrable—able to be registered as a vehicle under the motor traffic laws of an Australian state or territory, and which can travel on Australian roads without the need of any special permit.

1.4.9 Independent circuit—a circuit within a movable premises originating at a circuit-breaker and to which consuming devices are intended to be connected.

1.4.10 Annex—an attachment to a movable premises used as an extension of the living area of that premises.