

Australian/New Zealand Standard™

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



Standards Australia



STANDARDS
NEW ZEALAND
Te Kaitiaki Take Kōwhiri

AS/NZS 3001:2001

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-001, Wiring Rules. It was approved on behalf of the Council of Standards Australia on 15 September 2001 and on behalf of the Council of Standards New Zealand on 12 October 2001. It was published on 7 December 2001.

The following interests are represented on Committee EL-001:

Association of Consulting Engineers Australia
Australian Building Codes Board
Australian Electrical and Electronic Manufacturers Association
Canterbury Manufacturers Association New Zealand
Communications, Electrical Plumbing Union
Electrical Contractors Association of New Zealand
Electrical Safety Organisation (New Zealand)
Electricity Supply Association of Australia
Electro Comms & Energy Utilities Qualifications Standards Body of Australia
Institute of Electrical Inspectors
Institution of Engineers Australia
Insurance Council of Australia
Ministry of Economic Development (New Zealand)
National Electrical and Communications Association
New Zealand Council of Elders
New Zealand Electrical Institute
Regulatory authorities (electrical)
Telstra Corporation

Additional interests:

Caravan Industry Australia
Manufactured Housing Industry Association of N.S.W.
New Zealand Defence Force
Recreational Vehicle Manufacturers Association of Australia

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Australia web site at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

Australian/New Zealand Standard™

Electrical installations—Relocatable premises (including caravans and tents) and their site installations

Originated as AS 3001—1959 and AS 3005—1982.
Previous edition AS 3001—1990.
AS 3001—1990 and AS 3005—1982 jointly revised,
amalgamated and designated as AS/NZS 3001:2001.

COPYRIGHT

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 4162 2

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-001 on Wiring Rules to supersede AS 3001—1990, *Electrical installations—Movable premises (including caravans) and their site installations* and AS 3005—1982 *Electrical installations of tents and similar temporary structures for domestic purposes*.

This edition was prepared to update requirements for electrical installations of relocatable premises and their site installations following the issue of AS/NZS 3000:2000. It includes provisions for the connection of electric power to various types of relocatable premises, including caravans and tents and similar temporary structures used for domestic purposes.

This Standard differs from AS 3001—1990 in several areas including the following:

- (a) The Standard is now joint and requirements specific to Australia or New Zealand are clearly indicated.
- (b) The scope has been widened to include requirements for tents and similar temporary structures for domestic purposes; relocatable premises used on construction and demolition sites, and to specifically address registrable relocatable premises which are primarily for human occupation other than for accommodation purposes.
- (c) Overhead wiring requirements have been updated.

This Standard may be applied through legislative requirement, from a date to be set by the relevant regulating authority. If work on an installation was commenced before publication of this edition, the relevant regulatory authority or electricity distributor may grant permission for the installation to be completed under AS 3001—1990 or AS 3005—1982 or NZS 3000:1997, as applicable.

The following background regarding differences between requirements in Australia and New Zealand is provided as general information for the reader.

In New Zealand, many caravans are fitted with a neutral-earth link. This precludes providing RCD protection to the caravan by the installation of RCDs on the supply side of the neutral-earth connection. In Australia, such a link is traditionally not fitted.

In New Zealand, it is typical for the plug on the supply lead to relocatable premises, and hence for all socket-outlets intended to provide electrical power to such relocatable premises, to comply with IEC 60309-2. In Australia, 3 pin, flat pin plugs complying with AS/NZS 3112 are the norm. This Standard reflects changes in New Zealand allowing the provision of socket-outlets complying with AS/NZS 3112 to be installed in New Zealand caravan parks.

In Australia, the use of round-pin plugs and socket-outlets complying with AS 3123 is allowed but flat-pin type connections are most commonly used for single phase supplies to relocatable premises.

In Australia it is required that all circuit-breakers and switches in the fixed wiring of relocatable premises operate in all live (active and neutral) conductors. This is not required in New Zealand.

Appendices A and B are included to provide additional supportive or background information and advice. These appendices do not form an integral part of this Standard and are identified as 'informative'.

The word 'shall' introduces a requirement that is to be followed strictly in order to comply with the Standard. The word 'should' introduces a suggestion or recommendation only.

FOREWORD

Special Requirements

Any requirements that may be applicable in Australia only or New Zealand only are indicated in the text and by a symbol in the right margin as follows:

“In Australia.....”

A

“In New Zealand.....”

NZ

Certain requirements that are nominated in New Zealand regulations are indicated in the right margin by the symbol shown.

NZR

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-