

AS/NZS 3000:2018

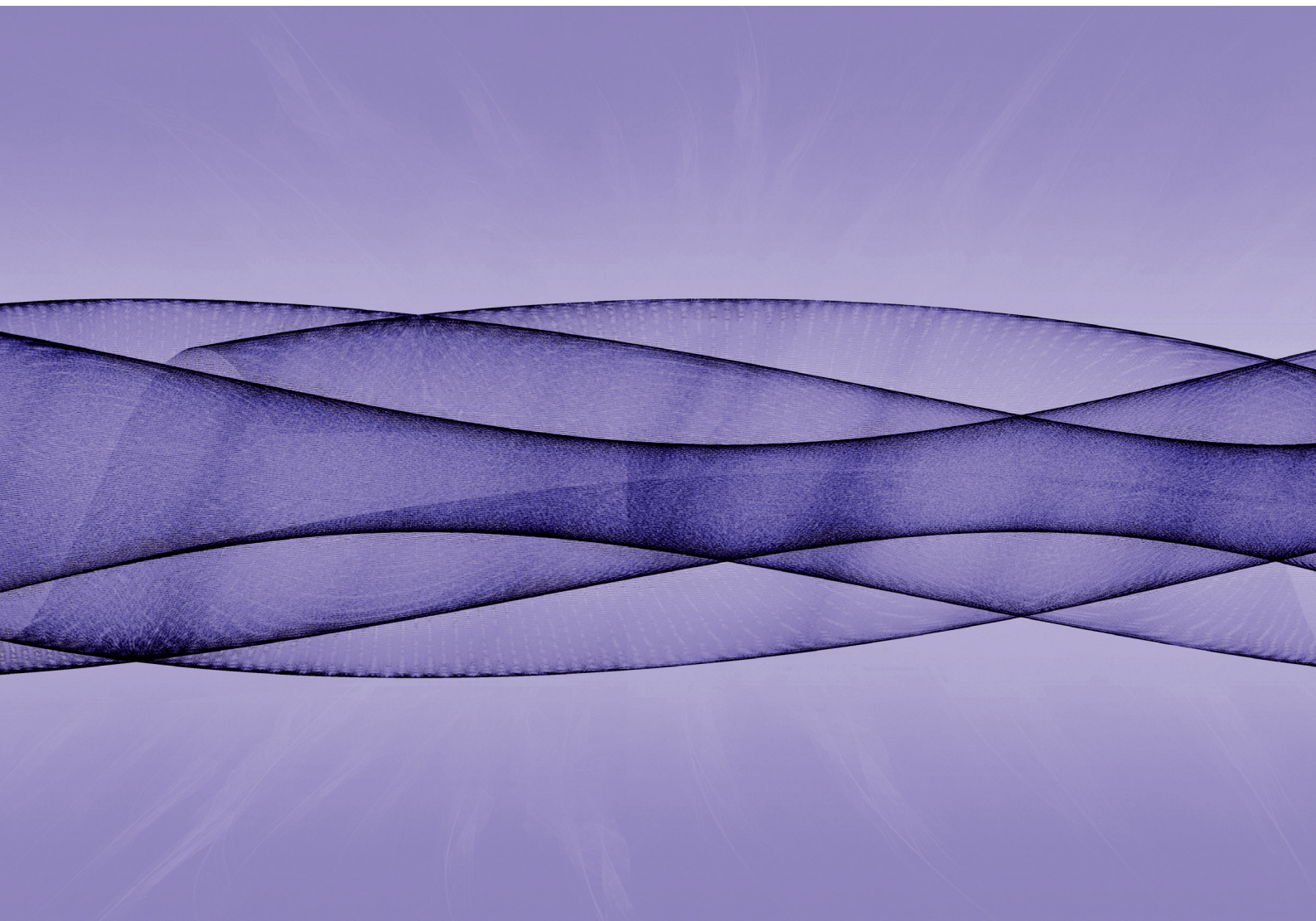
(Incorporating Amendment Nos 1, 2, 3 and Ruling 1)

Electrical installations “Wiring Rules”



Share your feedback
about this Standard.
Scan the QR code on your
phone or click/ enter the
link to take the survey

feedback.standards.org.au/3000:2018



Wiring Rules

AS/NZS 3000:2018

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 5 June 2018 and by the New Zealand Standards Approval Board on 3 April 2018.
This Standard was published on 26 June 2018.

The following are represented on Committee EL-001:

Australian Building Codes Board
Australian Energy Council
Australian Industry Group
Communications, Electrical and Plumbing Union - Electrical Division
Consumer New Zealand
Consumers Federation of Australia
Electrical Contractors Association of New Zealand
Electrical Regulatory Authorities Council
Electrical Safety New Zealand
Electrical Workers Registration Board
ElectroComms & Energy Utilities Industries Skills Council
Energy Efficiency & Conservation Authority of New Zealand
Energy Networks Australia
Engineers Australia
Institute of Electrical Inspectors
Master Electricians Australia
National Electrical and Communications Association
National Electrical Switchboard Manufacturers Association
New Zealand Manufacturers and Exporters Association
NSW Department of Industry, Skills and Regional Development
Wellington Electrical Association
WorkSafe New Zealand

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 Standards may also be withdrawn.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 website at www.standards.org.au or Standards New Zealand web site at www.standards.govt.nz and looking up the relevant Standard in the on-line catalogue.

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 Standards Australia or the New Zealand Standards Executive at the address shown on the back cover.

This Standard was issued in draft form for comment as DR AS/NZS 3000:2016.

AS/NZS 3000:2018

(Incorporating Amendment Nos 1, 2, 3 and Ruling 1)

Australian/New Zealand Standard™

**Electrical installations
(known as the Australian/New Zealand
Wiring Rules)**

Originated as part of AS CC1—1931.
Previous edition AS/NZS 3000:2007.

Sixth edition 2018.

Reissued incorporating Amendment No. 1 (January 2020).

Reissued incorporating Amendment No. 2 (April 2021).

Reissued incorporating Amendment No. 3 (June 2023).

Reissued incorporating Ruling 1 (May 2024).

COPYRIGHT

© Standards Australia

© The Crown in the right of New Zealand, administered by the New Zealand Standards Executive

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, otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

ISBN 978 1 76035 993 5

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-001, Wiring Rules, to supersede AS/NZS 3000:2007, *Electrical installations (known as the Australian/New Zealand Wiring Rules)*.

This Standard incorporates Amendment No. 1 (January 2020), Amendment No. 2 (April 2021) and Amendment No. 3 (June 2023). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected. This Standard also includes Ruling 1 (2024), which has been included at the end of the main text.

The development of this edition was based on—

- (a) new technology, new equipment and improved installation techniques;
- (b) industry feedback regarding readability and compliance;
- (c) identification and clarification of normative (mandatory) requirements and informative guidance material throughout the document; and
- (d) experience gained in the application of the previous edition as expressed to Standards Australia and Standards New Zealand.

A2

Amendment No. 2 includes text in Clause 2.6.2.2.2 that has transitional implementation arrangements. Users of this document should consult with regulatory authorities to confirm the implementation dates of these requirements.

This Standard may be applied through legislative requirements, as indicated in Clause 1.2. This Standard supersedes AS/NZS 3000:2007 from its date of publication. This may not be practicable in some cases, and a transition period, e.g. 6 months, may need to be arranged. For example, where work on an installation was commenced before publication of this edition, the relevant regulatory authority or electricity distributor should be consulted regarding permission for the installation to be completed in accordance with AS/NZS 3000:2007.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

See Foreword for information on how to interpret and use this Standard.

This Standard comprises two parts, as set out below, with both parts bound as one document.

Part 1 provides uniform essential elements that constitute the minimum regulatory requirements for a safe electrical installation.

Part 1 also provides an alternative regulatory vehicle for Australian and New Zealand regulators seeking to move from the present prescription of AS/NZS 3000 in electrical installation safety and licensing legislation.

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
-