



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/3012:2019

AS/NZS 3012:2019
(Incorporating Amendment No. 1)

AS/NZS 3012:2019

Australian/New Zealand Standard™

Electrical installations—Construction and demolition sites



AS/NZS 3012:2019

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 23 July 2019 and by the New Zealand Standards Approval Board on 2 October 2019.

This Standard was published on 4 November 2019.

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
Consumers Federation of Australia
Electrical Contractors Association of New Zealand
Electrical Regulatory Authorities Council
Electrical Safety New Zealand
Electrical Workers Registration Board
ElectroComms and Energy Utilities Industries Skills Council
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
Wellington Electrical Association
WorkSafe New Zealand

Additional Interests:

B & R Enclosures
Coates Hire
Focused Quality Systems
Housing Industry Association
Jackson Electrical, New Zealand
Master Builders Association of NSW
SafeWork NSW
WorkSafe Victoria

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 Standards may also be withdrawn.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 Web Site 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 3012:2018.

AS/NZS 3012:2019
(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

**Electrical installations—Construction
and demolition sites**

Originated in Australia as AS 3012—1990.
Jointly revised and redesignated as AS/NZS 3012:1995.
Third edition 2003.
Previous edition 2010.
Fifth edition 2019.
Reissued incorporating Amendment No. 1 (March 2020).

COPYRIGHT

© Standards Australia Limited

© The Crown in 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, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

ISBN 978 1 76072 618 8

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-001, Wiring Rules, to supersede AS/NZS 3012:2010.

This Standard incorporates Amendment No. 1 (March 2020). 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.

The objective of this Standard is to establish sound practices for the safe use of electricity at construction and demolition sites. It is to be used in conjunction with AS/NZS 3000, *Electrical installations (known as the Australian/New Zealand Wiring Rules)*.

The main differences between this Standard and AS/NZS 3012:2010 include the following:

- (a) The requirements of this Standard have been updated to reflect changes to AS/NZS 3000.
- (b) A reference to AS/NZS 61439.4 has been included for switchboard compliance for Assemblies for Construction Sites (ACS) (see Clause 1.4.3).
- (c) Clause title has been amended to ‘Multi-level buildings’ (see Clause 2.3.1.2).
- (d) Clause title has been amended to ‘Assemblies for construction sites (ACS) switchboard construction’, and a reference to AS/NZS 61439.4 has been included for switchboard compliance (see Clause 2.3.2.2).
- (e) Reference to AS 2790 has been deleted, as have Notes (b)2 and (b)6 (see Clause 2.4.6.3).
- (f) Figure from AS/NZS 3010:2017 for connection from a standalone generator to a site switchboard with an MEN link and electrode has been included (see Figure 2.1).
- (g) Figure from AS/NZS 3010:2017 for an isolated winding generator with integral socket outlets has been included (see Figure 2.2).
- (h) Figure from AS/NZS 3010:2017 for a generator with integral RCD protected socket outlets has been included (see Figure 2.3).
- (i) Clause has been reworded for reference to AS/NZS 3190 and for requirements for marking and regulatory approval (see Clause 2.6.10).
- (j) Requirement to prevent unauthorized disconnection of emergency lighting that has detachable connections (see Clause 2.7.3.1).
- (k) Temporary protected lighting (TPL) as defined in AS/NZS 60598.2.20 is not considered to be festoon lighting (see Clause 2.7.6).
- (l) Clause 3.3 has been deleted and reference to personnel requirements to be a qualified person or a competent person has been included in Clauses 3.3.1 to 3.6.
- (m) Out of service tag to be attached to non-compliant equipment (see Clause 3.7.2).
- (n) Tag for compliant equipment to include the name of the person (and the company if applicable), and the test and re-test date (see Clause 3.7.3).
- (o) Reference to AS 2790 deleted.
- (p) Reference to AS/NZS 60598.2.20, *Luminaires, Part 2.20: Particular requirements—Lighting chains*, included.
- (q) Reference to Building Code of Australia (BCA) deleted and replaced with National Construction Code of Australia (NCC) (see Appendices A and B) and New Zealand

Building Code (NZBC) (see Appendix A). The NCC extracts in Appendix B for use in Australia and New Zealand have been deleted, and Appendix B made void.

- (r) New appendix has been added for New Zealand only on construction power arrangements for domestic housing sites (see Appendix J).

Any requirement that is applicable in Australia only or New Zealand only is indicated by the symbol **A** or **NZ** in the right margin.

Statements expressed in mandatory terms in notes to figures and tables are deemed to be requirements of this Standard.

The terms ‘normative’ and ‘informative’ are used in Standards to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is for information and guidance.

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](#)
-