

**AS/NZS 3012:2010**  
(Incorporating Amendment No. 1)

AS/NZS 3012:2010

**Australian/New Zealand Standard™**

**Electrical installations—Construction  
and demolition sites**



## **AS/NZS 3012:2010**

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 6 May 2010 and on behalf of the Council of Standards New Zealand on 4 June 2010.

This Standard was published on 22 June 2010.

---

The following 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 and Plumbing Union  
Consumers' Federation of Australia  
Electrical Contractors Association of New Zealand  
Electrical Regulatory Authorities Council  
Electrical Safety Organisation (New Zealand)  
Electrical and Communications Association (Queensland)  
ElectroComms & Energy Utilities Industries Skills Council  
Energy Networks Association  
Engineers Australia  
Institute of Electrical Inspectors  
Ministry of Economic Development (New Zealand)  
National Electrical and Communications Association  
New Zealand Council of Elders  
New Zealand Electrical Institute  
Telstra Corporation  
WorkSafe Victoria

Additional Interests:

Australian Industry Group  
Department of Justice (Tasmania)  
Housing Industry Association  
Master Builders Association of Australia  
WorkCover New South Wales

---

### **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 Standards may also be withdrawn.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.org.au](http://www.standards.org.au) or Standards New Zealand web site at [www.standards.co.nz](http://www.standards.co.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 either Standards Australia or Standards New Zealand at the address shown on the back cover.

---

*This Standard was issued in draft form for comment as DR 09065.*

---

**AS/NZS 3012:2010**  
(Incorporating Amendment No. 1)

**Australian/New Zealand Standard™**

# **Electrical installations—Construction and demolition sites**

Originated in Australia as AS 3012—1990.  
Previous edition AS/NZS 3012:2003.  
Fourth edition 2010.  
Reissued incorporating Amendment No. 1 (October 2015).

## **COPYRIGHT**

© Standards Australia Limited/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, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

ISBN 978 0 7337 9622 7

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-001, Wiring Rules, to supersede AS/NZS 3012:2003.

*This Standard incorporates Amendment No. 1 (October 2015). 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 3012:2003 include the following:

- (a) Requirements of this Standard have been updated to reflect changes in the latest edition of AS/NZS 3000.
- (b) A definition has been added for ‘assembly for construction sites’ (Clause 1.4.6).
- (c) A definition has been added for ‘auxiliary socket-outlet panel’ (Clause 1.4.7).
- (d) A definition has been added for ‘competent person’ (Clause 1.4.9).
- (e) The definition of construction wiring has been revised (Clause 1.4.11).
- (f) Requirements for appliances, luminaires and electrical equipment supplied by final sub-circuits of permanent installation wiring have been clarified (Clause 2.1.2).
- (g) Requirements for the use of inverters on construction and demolition sites have been revised (Clause 2.4.6.4).
- (h) Requirements for the assessment of risk for permanent wiring located where construction or demolition work may be carried out have been added (Clause 2.4.6.5).
- (i) Requirements for protection against mechanical damage for construction wiring have been added (Clause 2.4.6.5).
- (j) Requirements for double-pole switching of socket-outlets have been clarified (Clause 2.4.7).
- (k) Requirements for portable socket-outlet assemblies have been revised (Clause 2.6.10).
- (l) Requirements for auxiliary socket-outlet panels have been added. (Clause 2.6.11).
- (m) The use of electrical portable outlet devices (EPODs) to AS/NZS 3105 has been prohibited (Clause 2.6.12).
- (n) Requirements for supply to transportable structures have been revised (Clause 2.9).
- (o) Testing and inspection of fixed and portable electrical equipment has been clarified. (See Section 3.)
- (p) Referenced documents in Appendix A have been updated.
- (q) Variation added to Appendix B for the use of auxiliary socket-outlet panels in domestic housing construction.
- (r) Appendix D updated with current Regulatory contact information.
- (s) Appendix G added to provide guidance on the verification (inspection and testing) of generators and inverters with RCD protection.
- (t) Appendix H added to provide guidance on the arrangement of construction equipment.

- (u) Appendix I added to provide a verification form for use in New Zealand.
- (v) Appendix J added to provide information for supply systems for construction and demolition sites.
- (w) Appendix K added to provide information for alternative supply systems for construction and demolition sites.

Any requirement that is applicable only 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 are deemed to be requirements of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard 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
-