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STANDARDS Australia

AS/NZS 3000:2007

Wiring Rules

(Incorporating Amendment Nos 1 and 2)

STANDARD

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Wiring Rules

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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 19 October 2007 and on behalf of the Council of Standards New Zealand on 9 November 2007.
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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 and Communications Association (Qld)
Electrical Contractors Association of New Zealand
Electrical Regulatory Authorities Council
Electrical Safety Organisation (New Zealand)
ElectroComms and Energy Utilities Industries Skills Council
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This Standard was issued in draft form for comment as DR 06001 to DR 06010.

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AS/NZS 3000:2007
(Incorporating Amendment Nos 1 and 2)

Australian/New Zealand Standard™

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

Originated as part of AS CC1—1931.
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PREFACE

A1 This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-001, Wiring Rules, to supersede, in Australia/New Zealand, AS/NZS 3000:2000, Electrical installations (known as the Australian/New Zealand Wiring Rules).

This Standard incorporates Amendment No. 1 (July 2009) and Amendment No. 2 (December 2012). 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 development of this Standard has been based on the following considerations:

(a) Results of a survey of the electrical industry indicated that the industry wanted a document better suited to the present electrical regulatory structure, which flows more logically, is easier to understand, reinstates much of the guidance information removed from the 2000 edition and contains an increased level of diagrammatic representation of concepts, and more selected examples.

(b) Experience gained in the application of the eleventh (2000) edition as expressed to Standards Australia and Standards New Zealand.

During preparation of this Standard, reference was made to IEC 60364, *Electrical installations of buildings* (all parts) and acknowledgment is made of the assistance received from this source.

The presentation of this edition differs from previous editions of AS/NZS 3000 in that the Standard comprises two parts but with both parts bound as one document.

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

It 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.

Part 1 satisfies the following objectives:

- It is generally complete in itself to avoid cross-referencing to Part 2.
- It may be called up in regulation as a separate Part or together with Part 2.
- It provides ‘high level’ safety performance outcomes/conditions without prescriptive work methods that demonstrate means of compliance.
- It establishes an enforcement link to Part 2. Failure to comply with a work method provision in Part 2 would breach high level safety conditions of Part 1 unless an alternative mechanism is satisfied.
- It establishes the ‘deemed to comply’ status of Part 2, confirming that installations that comply with Part 2 comply with high level safety conditions of Part 1.

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