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AS/NZS 3004.1:2008

Australian/New Zealand Standard™

Electrical installations—Marinas and recreational boats

Part 1: Marinas

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AS/NZS 3004.1:2008

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The following are represented on Committee EL-001:

Australasian Corrosion Association
Canterbury Manufacturers Association, New Zealand
Electrical Regulatory Authorities Council
Electrical Safety Organisation, New Zealand
Energy Networks Association
Marine Queensland
National Marine Safety Committee

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Electrical installations—Marinas and recreational boats

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Constituted Subcommittee EL-001-13, *Boats and Boating Marinas Installations*, on behalf of the Joint Standards Australia/Standards New Zealand Committee EL-001, *Wiring Rules* to supersede, in part, AS/NZS 3004:2002, *Electrical installations—Marinas and pleasure craft at low-voltage*.

This edition was prepared to update requirements for electrical installations of shore installations (marinas) in association with the issue of AS/NZS 3000:2007.

This Standard differs from AS/NZS 3004:2002 in several areas including the following:

1. The Standard is now presented as two parts—Part 1 covers the electrical installations associated with marinas, and Part 2 covers the installation of electrical systems in recreational boats.
2. Part 1 updates wording and verification requirements.
3. Part 2 provides more extensive guidance for the design, installation and ongoing verification of the on-board installation.

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/NZS 3004:2002.

It is not the intention of this Standard to limit the introduction and use of emerging technologies. Designers are reminded that it is essential that the basic tenets of electrical and marine safety be addressed before any other equipment and installation design elements are considered.

Any requirements that may be applicable in Australian only and 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

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.

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.

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