

AS/NZS 4836:2001

# **S**AFE WORKING on low-voltage **ELECTRICAL** installations



Standards Australia



STANDARDS  
NEW ZEALAND  
Pihonua Aotearoa

## **AS/NZS 4836:2001**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-044, Safe Working on Low-voltage Electrical Installations approved on behalf of the Council of Standards Australia on 21 February 2001 and on behalf of the Council of Standards New Zealand on 27 April 2001. It was published on 15 May 2001.

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The following interests are represented on Committee EL-044:

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Department of Fair Trading N.S.W.  
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# Australian/New Zealand Standard™

## **Safe working on low-voltage electrical installations**

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/44, Safe Working on Low-voltage Electrical Installations.

The objective of this Standard is to provide workers on low-voltage electrical installations or systems with—

- (a) the principles of safe working practices; and
- (b) recommended procedures for safe working practices.

In the preparation of the Standard, reference was made to the *Code of Practice for Safe Electrical Work, Low Voltage Electrical Installations* produced by the Office of the Chief Electrical Inspector, Victoria and to the *Guide to electrical workers' safety practices* produced by WorkCover N.S.W.

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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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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**Australian/New Zealand Standard**  
**Safe working on low-voltage electrical installations**

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## SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE**

This Standard outlines principles and procedures of safe work, organization and performance on or near low-voltage electrical equipment. It provides a minimum set of procedures, safety requirements and recommendations for a safe working environment on or near electrical equipment, installations or systems.

**1.2 APPLICATION**

This Standard applies to all persons, whether employees or self-employed and including powerline and cable workers, carrying out work on or near low-voltage electrical equipment, installations or systems.

The requirements of this Standard shall apply, whether or not quality systems are in place.

**1.3 ACTS AND REGULATIONS**

All employers and workers involved in the electrical industry have legal responsibilities under various Acts of parliament, associated regulations called up by an Act, documents called up by an Act or regulation, (collectively known as statutory requirements) or they may be of a contractual nature.

Details of some of these statutory requirements and the government agencies responsible for their administration are set out in Table 1.1. It is the responsibility of employers to ensure that the latest versions of these documents and any other relevant occupational health and safety requirements are applied at all work sites.