

Australian/New Zealand Standard™

**Competencies for working with
electrical equipment for hazardous
areas (EEHA)**

Part 2: Guide to assessing competency



AS/NZS 4761.2:2008

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee P-012, Hazardous Areas Competency Standards Advisory Panel. It was approved on behalf of the Council of Standards Australia on 23 May 2008 and on behalf of the Council of Standards New Zealand on 09 April 2008. This Standard was published on 30 June 2008.

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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.

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Australian/New Zealand Standard™

Competencies for working with electrical equipment for hazardous areas (EEHA)

Part 2: Guide to assessing competency

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee, P-012, Hazardous Areas Competency Standards Advisory Panel, to supersede AS/NZS 4761.2:2003, in accordance with its charter.

An equivalent set of competency (unit) Standards has been formatted for the New Zealand's National Qualifications Framework (NQF) by the ElectroTechnology Industry Training Organization (ETITO) and endorsed by the Joint Committee P-012. The Unit Standards are registered with the New Zealand Qualifications Authority (NZQA), under the domain *Electrical Equipment for Hazardous Areas*.

The objective of this Standard is to provide guidance for the set-up of assessment programs applicable to the Units of Competency needed for work associated with electrical equipment for hazardous areas and contained in Part 1.

These Competency Standards are a replica of those included in the EE-Oz Training Standards *National Electrotechnology Training Package*, endorsed by the National Training Quality Council (NTQC) (the endorsing body). To ensure consistency and concurrence between the two sets of documents (this series of Standards and the National Electrotechnology Training Package), maintenance and revision of these documents will always be carried out simultaneously through the established Joint Standards Committee P-012, Hazardous Areas Competency Standards Advisory Panel and amendments thereto processed in accordance with the respective organizational requirements. However, it should be noted that from time to time there may be instances where there are differences between versions and therefore appears to be a lack of consistency. This is caused by the processes used by Standards Australia and Standards New Zealand and the NTQC in finalizing approval of their respective documents. In all instances it is recommended that the latest version be used.

This Standard forms part of a series covering the competencies for working with equipment for hazardous areas and the training materials/components supporting such competencies.

The series is as follows:

AS/NZS

4761 Competencies for working with electrical equipment for hazardous areas (EEHA)

4761.1 Part 1: Competency Standards

4761.2 Part 2 Guide to assessing competency

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendices to which they apply. A normative appendix is an integral part of a Standard, whereas an informative appendix is only for information and guidance.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard provides guidance on assessing competency based on the knowledge and skills that define the Units of Competency(AUS)/Unit Standards(NZ) described in Part 1.

1.2 APPLICATION

This Standard may be used by training providers to develop assessment programs and by learners as a guide to the extent of knowledge and skills required for them to be deemed competent.

It may also be referenced by—

- (a) bodies certifying/recognizing overhaul and repair workshops; and
- (b) enterprises in establishing the competency of their personnel.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

1802	Electric cables—Reeling and trailing—For underground coal mining purposes
2802	Electrical cables—Reeling and riling for mining and general use (other than underground coal mining)
2381	Electrical equipment for explosive atmospheres—Selection, installation and maintenance
2381.1	Part 1: General requirements
3000	Electrical installations (known as the Australian/New Zealand Wiring Rules)
4761	Competencies for working with electrical equipment for hazardous areas (EEHA)
4761.1	Part 1: Competency Standards
60079	Electrical apparatus for explosive gas atmospheres
60079.10	Part 10: Classification of hazardous areas (IEC 60079-10:2002 MOD)
61241	Electrical apparatus for use in the presence of combustible dust
61241.0	Part 0: General requirements
61241.1	Part 1: Protection by enclosures ‘tD’
61241.4	Part 4: Type of protection ‘pD’