

Field Engineering and Technology**Review of *Electrical Equipment in Hazardous Areas* unit standards**

Current Classification

Subfield	Domain	ID
Electrical Engineering	Electrical Equipment in Hazardous Areas	17068, 17075

New Classification

Subfield	Domain	ID
Explosive Atmospheres	Electrical Apparatus in Explosive Atmospheres - Compliance	17068, 17075

The ElectroTechnology Industry Training Organisation (ETITO) has completed the review of the unit standards listed above.

Date new versions published

June 2011

Planned review date

31 December 2016

Summary

The above unit standards were reviewed in collaboration with industry representatives, other standard-setting bodies, and other key stakeholders, and updated in accordance with the latest version of AS/NZS 4761.1.2008, *Competencies for working with electrical equipment for hazardous areas (EEHA) Part 1 – Competency standards*. These unit standards are based on and directly aligned with AS/NZS 4761.1:2008 and incorporate the relevant essential skills and knowledge clauses identified in Section 3, and those in AS/NZS 4761.2:2008, *Competencies for working with electrical equipment for hazardous areas (EEHA) Part 2 – Guide to assessing competency* where appropriate. Further information regarding this alignment can be obtained from ETITO.

The unit standards were also aligned with the corresponding units of competency in the Australian UEE07 Electrotechnology Training Package Version 3.1, currently available at <http://ntis.gov.au>.

Main changes

- The standards were moved to the new subfield Explosive Atmospheres, and domain Electrical Apparatus in Explosive Atmospheres - Compliance.
- Explanatory notes were amended to update legislation, definitions, delivery methods, explosion-protection technique endorsements, and references.
- Standards 17068 and 17075 had title changes.

Impact on existing accreditations

There is no impact on existing provider accreditations. There are 10 providers nationally holding accreditation for the reviewed unit standards. Providers can only retain accreditation for the individual unit standards. Subfield accreditation will not be extended.

Impact on Consent and Moderation Requirements (CMR)

CMR 0003 has been updated to reflect the changes made to the classification of the standards.

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Engineering and Technology > Electrical Engineering > Electrical Equipment in Hazardous Areas

Engineering and Technology > **Explosive Atmospheres > Electrical Apparatus in Explosive Atmospheres - Compliance**

ID	Title	Level	Credit	Review Category
17068	Assess explosion-protected electrical equipment for conformance with standards Conduct a conformity assessment of explosion-protected apparatus	6	9	B
17075	Inspect in detail electrical installations in hazardous areas Conduct detailed inspection of electrical apparatus installations in explosive atmospheres	5	2	B