



Australian Government

UEEHA0004 Enter a classified hazardous area to undertake work related to electrical equipment

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Application

This unit involves the skills and knowledge required to enter a classified hazardous area to undertake work related to electrical equipment. It includes the obligations and safety practices for entering a classified hazardous area. It covers risks associated with flammable gas/vapours or combustible dust and the need for areas where such substances may be present to be classified as explosive atmosphere areas; basic principles of explosion-protected electrical equipment; the limitations of devices/equipment that be may be taken into the area; health and safety responsibilities; and the necessary procedures to enter and work in explosive atmosphere areas. It is adopted from clause 2.2 of AS/NZS 4761.1:2018 Competencies for working with electrical equipment for hazardous areas (EEHA).

This unit can be used in relation to any job function requiring entry to a classified hazardous area.

Site-specific work permits maybe required to work in the hazardous environment. In addition, other permits may be required, such as confined space and to operate specific pieces of equipment, such as elevated work platforms (EWPs), in various jurisdictions.

Additional and/or other conditions may apply in some jurisdictions subject to regulations related to electrical work. Practice in the workplace and during training is also subject to work health and safety (WHS)/occupational health and safety (OHS) regulations.

Pre-requisite Unit

Not applicable.

Competency Field

Hazardous

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Prepare to enter and work in a classified hazardous area

- 1.1** The need for specific safety, entry and work procedures is understood based on knowledge of the properties of flammable substances, the nature of hazardous areas and explosion-protected electrical equipment, and the responsibilities of owners/occupiers for safety of the area
- 1.2** Site safety procedures related to the explosive atmosphere area are obtained from the person authorised to issue site safety procedures and entry and clearance-to-work permits
- 1.3** Site safety procedures related to the hazardous area are obtained, interpreted and applied
- 1.4** Permission to take required devices and equipment into a hazardous area is obtained from the authorised person
- 1.5** Entry and clearance-to-work permits are obtained from the authorised person, read and understood

2 Follow safety instructions and procedures in a classified explosive atmosphere

- 2.1** Site safety procedures including entry and clearance-to-work permits are followed
- 2.2** Limitations on the use of devices and equipment permitted that can be taken into the hazardous area are followed
- 2.3** Instructions and signage related to the hazardous area are followed
- 2.4** Emergency procedures and instructions are followed

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Entering a classified hazardous area to undertake work related to electrical equipment. must include:

- entering and applying safety responsibilities in an area classified as hazardous

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>