



Australian Government

UEECD0058 Observe safety practices are followed in the vicinity of isolated electrical cables

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 observe safety practices are followed in the vicinity of isolated electrical cables.

It includes preparing and observing safety practices whilst taking actions to mitigate risks when working near isolated cables/conductors designed to operate above extra-low voltage (ELV). It also includes identifying electrical hazards and consequences of damage to cables and electrical infrastructure, applying safe working methods, identifying hazards, evaluating risks, adapting safe work methods and documenting safety activities.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Competency Field

Cross Discipline

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to observe safety practices 1.1

PERFORMANCE CRITERIA

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

Extent of work is determined from job instructions, design brief and other relevant documentation

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| | 1.2 | Electrical cables in the work area are located and identified and authorisation received from relevant person/s |
| | 1.3 | Access permit is obtained, read and applied from authorised switching officer and electrical supply is isolated |
| | 1.4 | Safe workplace procedures for plant, machinery and equipment are reviewed and applied |
| 2 Observe safety practices | 2.1 | Work is observed to ensure safe working methods are followed in accordance with workplace procedures |
| | 2.2 | Work area near isolated electrical cables is observed to ensure it is not damaged or disturbed |
| | 2.3 | Unplanned events are responded to in accordance with workplace procedures |
| 3 Take actions to mitigate risk | 3.1 | Hazards not previously identified are referred to relevant person/s for risk mitigation measures in accordance with workplace procedures |
| | 3.2 | Hazards are identified, risks assessed and control measures implemented |
| | 3.3 | Solutions used to solve problems are justified and documented in accordance with workplace procedures |

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.

- Observing safety practices are followed in the vicinity of isolated electrical cables normally operating above ELV must include each of the following situations:
- cables installed underground in ducts or buried direct
 - bare and insulated overhead conductors/cables
 - cables installed above ground, unenclosed or

enclosed in conduit, trunking or ducts

Unit Mapping Information

This unit replaces and is equivalent to UEENEEE152A Observe safety practices are followed in the vicinity of isolated electrical cables.

Links

Companion Volume implementation guides are found in VETNet - -

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