



Australian Government

UETTDREL12 Operate plant and equipment near live electrical conductors and apparatus

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector Training Package.

Application

This unit involves the skills and knowledge required to operate plant and equipment near live electrical conductors and apparatus in the electricity supply industry (ESI).

It includes using relevant plant and equipment, relevant legislation, regulatory requirements for the operation of plant and equipment and conducting operational checks. It also includes, positioning road signs, barriers and/or warning devices and completing log books and job completion documentation.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace.

Other conditions may apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

Pre-requisite Unit

Common Unit Group

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UETTDREL16 Working safely near live electrical apparatus

Competency Field

Entry Level Cross Discipline

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Prepare to operate plant and equipment near energised and exposed electrical conductors/apparatus

- 1.1** Works schedules, construction plans, drawings, workplace procedures and material lists are received and confirmed
- 1.2** Job requirements and workplace procedures are identified and communicated with relevant personnel
- 1.3** Work health and safety (WHS)/occupational health and safety (OHS) policies and procedures related to requirements and workplace procedures for the operation of plant and equipment near energised and exposed electrical conductors/apparatus are obtained and confirmed for the purposes of the work to be performed and communicated to others
- 1.4** Work is prioritised and sequenced for completion within acceptable timeframes following consultation with relevant personnel and in accordance with workplace procedures
- 1.5** Hazards are identified, WHS/OHS risks assessed and control measures identified in accordance with workplace procedures
- 1.6** Relevant work permits are obtained, understood and signed in accordance with workplace procedures
- 1.7** Plant, equipment, tools and personal protective equipment (PPE) required for work is identified, obtained and confirmed in working order
- 1.8** Worksite is prepared to minimise risk, damage to property, commerce and individuals in accordance with workplace procedures
- 1.9** Traffic management plan is confirmed as being applied in accordance with workplace procedures

2 Carry out the operation of plant and equipment near energised and exposed

- 2.1** WHS/OHS, sustainable energy and environmental principles and practices are monitored and followed to reduce incidents in accordance with workplace

electrical conductors/apparatus	procedures
	2.2 Requirements for lifting and/or climbing and/or working at heights and the use of power tools/equipment are followed in accordance with workplace procedures
	2.3 Plant and equipment near energised and exposed electrical conductors/apparatus are operated to agreed timeframes, to quality standards with a minimum of waste in accordance with workplace procedures
	2.4 Plant and equipment are safely operated near energised and exposed electrical conductors/apparatus in accordance with job requirements, work permits and workplace procedures
	2.5 Unplanned events in the operation of plant and equipment near energised and exposed electrical conductors/apparatus are responded to in accordance with workplace procedures and approval of authorised personnel
	2.6 Quality checks of work are undertaken in accordance with workplace procedures
3 Complete the operation of plant and equipment near energised and exposed electrical conductors/apparatus	3.1 Completed work is checked against work schedule, construction plans and drawings for compliance and anomalies are reported in accordance with workplace procedures
	3.2 WHS/OHS and environmental incidents are reported in accordance with workplace procedures, as required
	3.3 Worksite is cleaned and made safe in accordance with workplace procedures
	3.4 Tools, equipment and surplus resources and materials are, where appropriate, cleaned, checked and returned to storage in accordance with workplace procedures
	3.5 Relevant work permits are signed off and plant and equipment are checked, returned to service/stored appropriately in accordance with workplace procedures
	3.6 Work records, reports and/or documentation are completed 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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UETTDREL12A Operate plant and equipment near live electrical conductors and apparatus.

Links

UET Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>