



Australian Government

Assessment Requirements for UETTD RDP12 Maintain overhead energised low voltage conductors and cables

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.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including the use of risk control measures
- applying sustainable energy principles and practices
- maintaining energised overhead low voltage (LV) conductors and cables on at least two (2) of the following:
 - copper
 - aluminium
 - aluminium/steel reinforced
 - steel
 - pilot
- performing work on energised overhead LV conductors and cables from at least two (2) of the following:
 - elevated work platform (EWP)
 - ladder
 - portable platform
- using specialist live working equipment, including all of the following:
 - insulating mats/sleeves
 - temporary bridging device
 - insulating gloves
 - insulated cable tensioning devices
 - ladder/pole shrouds
 - equipotential bonding
- using specialist testing equipment, including at least three (3) of the following:
 - voltage detector*
 - clamp-on ammeter
 - polarity tester
 - insulation resistance tester

- phase sequence indicator
- recording meters
- (*must do)
- dealing with unplanned events on at least one (1) occasion.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- standards, codes, Commonwealth/state/territory/local government legislation, supply authority regulations and/or enterprise requirements
- safety precautions specific to working on or near energised LV conductors, including:
 - safe working practices and procedures
 - identification of hazards, assessment and control of WHS/OHS risks
 - types, selection, maintenance and use of personal protective equipment (PPE)
- work on or near energised LV conductors, including:
 - types and function of specialised tools
 - safe working practices when using specialised tools
 - methods of using specialised tools.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated conditions involving realistic and authentic activities that replicate operational workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, facilities, equipment and PPE currently used in industry for maintaining overhead energised LV conductors and cables
- applicable documentation, including workplace procedures, relevant industry standards, equipment specifications, regulations, codes of practice and operation manuals

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>