



Australian Government

Assessment Requirements for UETDRAI001 Inspect and test poles at and below ground level

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 Release 2.0.

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 legislation, regulations, standards, codes of practice and organisational workplace requirements, including:
 - work health and safety (WHS)/occupational health and safety (OHS)
 - manual handling
 - hazardous materials/substances
 - safe approach distances
- identifying hazards, assessing risks, identifying, applying and monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- using plant, tools and equipment safely
- visually inspecting poles
- testing poles using at least two (2) of the following methods:
 - sounding
 - drilling
 - resistance
 - ultrasonic/acoustic
 - radiography
 - stress wave
 - dynamic (vibration)
 - mechanical
 - electromagnetic field
- using software applications or workplace documents for:
 - accessing and verifying existing data
 - capturing or recording data
 - analysing and recording results
- indicating pole condition by labelling/markings
- dealing with an unplanned event on at least one (1) occasion
- organising relevant work permits/approvals

- completing relevant work records, reports and documentation.

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:

- relevant legislation, regulations, standards, codes of practice and organisational workplace requirements, including:
 - WHS/OHS
 - safe approach distances
 - manual handling
 - hazardous materials/substances
 - visual inspection requirements
- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of PPE
- safe use of plant, tools and equipment
- application, purpose and types of permits/approvals
- events constituting an unplanned event or incident
- procedures for responding to an unplanned event or incident
- poles, including:
 - types
 - characteristics
 - types of defects
- electricity network construction types
- pole testing methods and procedures
- test equipment, including:
 - types
 - selection
 - operation and characteristics
 - calibration
 - handling
 - maintenance
 - storage
- procedures for interpretation and recording of results
- pole marking/labelling requirements
- reporting requirements
- software applications and/or data capturing documentation.

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:

- relevant and appropriate materials, tools, equipment and PPE currently used to inspect and test poles at and below ground level
- applicable documentation, including workplace requirements, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>