



Australian Government

**Assessment Requirements for
UETDRDU002 Inspect underground
electrical apparatus**

Release: 1

Assessment Requirements for UETDRDU002 Inspect underground electrical apparatus

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 legislation, regulations, standards, codes of practice and organisational workplace requirements, including:
 - work health and safety (WHS)/occupational health and safety (OHS)
- identifying hazards, assessing risks, identifying, applying and monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- inspecting underground electrical apparatus, including:
 - transformers
 - switchgear
 - pole mounted cable and cable terminations
 - pillars
 - switchboards
 - earthing systems
- identifying underground electrical apparatus defects and damage
- determining the cause of underground electrical apparatus defects and damage
- using software applications or workplace documents for:
 - accessing and verifying existing data
 - capturing or recording data
 - categorising and recording defects
- dealing with an unplanned event on at least one (1) occasion
- 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:

- legislation, regulations, standards, codes of practice, and organisational workplace requirements, including:

- WHS/OHS
- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of PPE
- safe use of tools and equipment
- events constituting an unplanned event or incident
- procedures for responding to an unplanned event or incident
- construction manuals, system diagrams/plans and drawings
- procedures for workplace records, reports and documentation
- types, function and operation of underground electrical apparatus, including:
 - transformers
 - switchgear
 - pole mounted cable and cable terminations
 - pillars
 - switchboards
 - earthing systems
- installation requirements for underground electrical apparatus, including:
 - construction
 - connection
 - earthing
- types and causes of underground electrical apparatus defects and damage.

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, facilities, equipment and PPE currently used in industry for inspecting underground electrical apparatus.
- applicable documentation, including workplace requirements, relevant industry standards, 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>