



Australian Government

**Assessment Requirements for
UETDRRF11 Testing of connections to
low voltage electricity networks**

Release: 2

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Modification History

Release 2. Amendment to the Performance Evidence.

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 one occasion and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including the use of risk control measures
- preparing and using of test equipment
- preparing and correctly using personal protective equipment (PPE)
- testing of single phase and multi-phase connections to network operator's procedures
- documenting test results to network operator's procedures.

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:

- low voltage (LV) testing of network connections encompassing:
 - selection and inspection of test equipment relevant for the testing procedures
 - acceptable neutral voltage criteria
 - polarity testing
 - neutral integrity testing
 - phase rotation testing
 - phasing confirmation
 - corrective actions to network operator's procedures
 - recording and reporting results to network operator's procedures
- skills required to test LV network connection encompassing:
 - preparation and use of test equipment
 - preparation and correct use of PPE
 - testing of single phase and multi-phase connections to network operator's procedures
 - documenting test results to network operator's procedures.

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 testing of connections to LV electricity networks
- 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>