



Australian Government

**Assessment Requirements for
UETTDRIS57 Conduct visual checking and
treatment of power system poles and
structures**

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
- checking visually at least one (1) of the following types of poles:
 - wood
 - steel
 - concrete
 - composite
- testing power systems poles and structure using at least one (1) of the following:
 - stress tester
 - drill test
 - non-intrusive test
- conducting maintenance of power systems poles and structures using at least one (1) of the following:
 - chemical treatment
 - re-butting
 - nailing
 - welding
 - stays/guys
- completing all of the following:
 - recording
 - reporting
- visually checking hardware attached to poles and structures, including at least two (2) of the following:
 - cross-arms
 - insulators
 - surge arrestors

- support brackets
- 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, legislation, supply authority regulations and/or enterprise requirements
- chemical treatment principles, including:
 - types of chemical used to treat timber
 - regulations and procedures in handling and transporting chemicals safely
 - application procedures of chemicals to wood
- deterioration prevention techniques, including:
 - relationship between steel, concrete and wood
 - inspection procedures for deterioration
 - deterioration prevention procedures in steel, concrete and wood
 - procedures for the repair of deterioration in steel, concrete and wood.

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 personal protective equipment (PPE) currently used in industry for conducting visual checks and treatments of power system poles and structures
- 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>