



Australian Government

**Assessment Requirements for UETDRIS012
Install and maintain poles, structures and
hardware**

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)
- identifying hazards, assessing risks, identifying, applying and monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- installing and maintaining at least one (1) of the following pole/structure types:
 - wood
 - steel
 - concrete
 - composite
- installing and maintaining at least three (3) of the following hardware types:
 - insulators
 - cross-arm braces
 - cross arms
 - pole steps
 - shackle straps
 - earth leads
 - traction supports
 - traction registration
 - bonding
- using at least one (1) of the following pole stabilisation methods:
 - compaction
 - baulking
 - stays
 - concreting (including formwork)
- dealing with an unplanned event on at least one (1) occasion
- obtaining and signing on and off relevant work permits in accordance with workplace

requirements

- 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
- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of PPE
- safe use of plant and equipment
- application, purpose and types of work permits
- events constituting an unplanned event or incident
- procedures for responding to an unplanned event or incident
- construction manuals, system diagrams/plans and drawings
- characteristics and applications of different types of poles/structures and hardware
- installation of poles/structures and hardware, including:
 - stays/guys
 - erection methods
 - types of installation equipment/tools
 - excavation methods
 - types of footings/foundations
 - types of attachments
 - earthing
 - bonding
 - safe methods of erecting and stabilising poles/structures and cross arms
- maintenance of poles/structures and hardware, including:
 - stays/guys
 - supporting unstable poles/structures
 - strengthening methods
 - insulators and cross arms.

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 installing and maintaining poles, structures and hardware
- 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>