



Australian Government

Assessment Requirements for UETDRRT015 Maintain energised rail traction networks

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 4.0.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) 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) requirements
- identifying hazards, assessing risks, and identifying, applying and monitoring control measures
- obtaining and inspecting and using relevant personal protective equipment (PPE)
- 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
- obtaining and inspecting tools, plant and equipment and confirming working order
- performing two (2) of the following maintenance activities on an energised rail traction network:
 - maintaining, repairing, removing or replacing components
 - removing trapped foreign objects
 - adjusting contact or trolley wires
 - measuring contact or trolley wires
- performing work on an energised rail traction network from at least one (1) of the following:
 - elevated work platform (EWP)
 - insulated ladder
 - insulated mobile platform
 - ground level using an insulated pole/hot stick
- using at least one (1) of the following:
 - specialised tools
 - insulated gloves
 - tensioning equipment
 - geometry profiling equipment

- 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 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
- events constituting an unplanned event or incident
- procedures for responding to an unplanned event or incident
- workplace records, reports and documentation
- removal of trapped foreign objects
- adjustment of contact or trolley wires
- measurement of contact or trolley wires
- maintenance, repair, removal and replacement of components, including:
 - span
 - section insulator
 - support equipment
 - catenary
 - dropper
 - contact/trolley
 - feeder/in-span feeder
 - drape/potential jumper
- safe use and function of:
 - specialised equipment
 - tensioning equipment
 - insulated pole/hot stick
 - ropes, slings and chains
 - geometry profiling equipment.

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 in industry
- 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>