



Australian Government

**Assessment Requirements for
UETTDRVC27 Monitor safety compliance
of vegetation control work in an ESI
environment**

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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
- confirming operational knowledge associated with the monitoring safety compliance for vegetation work near live electrical apparatus in all the following:
 - principles of electricity, the three-phase power system
 - power system
 - recognition of aerial voltage systems
 - identification of low voltage (LV) aerial circuits
 - identification of high voltage (HV) aerial circuits
 - safe working zone and ordinary person zone so defined by relevant authorities
 - use of technical standards, acts, regulations, codes/guidelines and established/enterprise/asset owner's procedures
 - switching requirements for authorised tree trimming work on voltage overhead lines
 - system control - information required and function
 - vicinity permit - information required and function
 - sensitive earth fault (SEF) system
 - confirm environmental principals and procedures
- confirming safe practices associated with the monitoring safety compliance for vegetation work near live electrical apparatus in all the following:
 - WHS/OHS safety practices and procedures
 - electric shock and resuscitation
 - release and rescue
 - role of the safety observer
 - events constituting an incident
 - procedures in the event of/responding to, incidents
 - selection of the best position for monitoring and controlling work (cutting)

- selection of correct line of sight to the cutter
- correct observation of the work from ground level
- constant analysis and decision making relevant to the safety of the work, considering prevailing site conditions (lay of the land) and on-going weather conditions
- confirming hazards and risk assessment procedures associated with the monitoring safety compliance for vegetation work near live electrical apparatus in all the following:
 - identifying hazards
 - conducting risk assessment procedures
 - conducting worksite hazard assessment
 - identifying essential components of hazards assessment checks
 - identifying pre-job hazard assessment check (HAC) items
 - conducting worksite hazard and risk assessment checklist
 - identifying procedures for planned inspection
- confirming vegetation control associated with the monitoring safety compliance for vegetation work near live electrical apparatus in all the following:
 - identifying tree types
 - confirming vegetation species and types
 - confirming vegetation cutting techniques for different vegetation
 - confirming appropriate vegetation machinery and equipment to be used
 - using feeder route plans
 - conducting calculations related to loading and slinging
 - identifying duties of safety observers at the worksite
- 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:

- responsibilities of a safety observer, including:
 - Commonwealth/state/territory and local government legislation, standards, codes, supply authority regulations and/or enterprise requirements, including relevant certification and licensing applicable to the duties and responsibilities of a safety observer
- areas of responsibility, such as:
 - understanding of their responsibilities
 - the responsibilities of others at the worksite
 - importance of not getting involved in anything else
- enterprise-specific protocols and procedures
- emergency response and rescue, including first aid
- enterprise-specific duties of a safety observer
- techniques in observing others in the safe performance of their work, including:
 - understanding of the work to be undertaken

- safe approach distances (SAD) for:
 - vehicles
 - plant/equipment
 - people
 - hand-held tools
- vegetation
- special limits of approach for authorised persons only
- proximity to electrical and telecommunications apparatus.

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, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, 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>