



Australian Government

Assessment Requirements for UETTDRVC26 Cut vegetation at ground level near live electrical apparatus

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
- confirming operational knowledge associated with the cutting of vegetation at ground level 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
 - 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 cutting of vegetation at ground level 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 or responding to incidents
 - methods of identifying hazards
 - risk assessment procedures for both worksite and pre-job checklist

- selection of the best position for monitoring and controlling work (cutting)
- selection of correct line of site 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 vegetation control associated with the cutting of vegetation at ground level 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
- confirming the safe cutting of vegetation at ground level near live electrical apparatus in all the following:
 - using cutting plans relevant to the vegetation type
 - safely using of all relevant personnel protective equipment (PPE)
 - safely using tools and equipment, such as hand saws, chainsaws, specialised tools and equipment and/or power pruners at ground level
 - safely using chemical control and application at ground level
 - safely using cutting, pruning and tree trimming techniques at ground near electrical apparatus
 - safe stump removal
 - conducting pre- and post-operational checks, inspections and minor maintenance on tools and equipment
 - safely deploying equipment and tools in varying ground conditions and weather
 - safely removing debris
- 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:

- enterprise-specific vegetation control equipment, including:
 - types and application of vegetation cutting tools – chainsaws, brush cutters, hydraulic pruning saws, tool line and specialised pruning tools (cocky beaks and pruning saws)
 - types and application of vegetation mulching tools
 - types and application of herbicide application equipment
 - purpose and use of cutting plans relevant to the vegetation type
 - cutting techniques of vegetation control tools and equipment
 - techniques in undertaking different branch cuts - scarf under-cut, top cut technique, top scarf-bottom-back cut technique, and side scarf opposite back-cut technique

- pre-operational checks on vegetation control tools and equipment
- techniques in safely using vegetation control equipment - visual inspection of vegetation control equipment, methods of using equipment at heights and in confined spaces, precautions to note during use of equipment (proximity of other personnel, proximity of powerlines and obstacles, length of power lead and possible fire danger due to sparks)
- types of PPE used in conjunction with vegetation control equipment - head protection, eye protection, hearing protection, hand protection, foot protection, body protection and general protection
- basic maintenance of vegetation control equipment - cleaning, proper storage, basic repair and replacement, and testing for compliance to manufacturer and WHS/OHS requirements.

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 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>