



Australian Government

**Assessment Requirements for
UETTD RVC25 Use elevated platform to cut
vegetation above ground level near live
electrical apparatus**

Assessment Requirements for UETTDRVC25 Use elevated platform to cut vegetation above ground level near live electrical apparatus

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 vegetation above ground outside live work zone near live electrical apparatus using an elevated work platform (EWP) in all of the following:
 - principles of electricity and 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 system
 - environmental principals and procedures
- performing safe practices associated with the cutting vegetation above ground outside live work zone near live electrical apparatus using an EWP in all of the following:
 - WHS/OHS practices and procedures
 - electric shock and resuscitation
 - release and rescue and height safety, including platform aerial emergency rescue procedure
 - role of the safety observer
 - events constituting an incident

- procedures in the event of/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 taking into account prevailing site conditions (lay of the land) and ongoing weather conditions
- using an EWP whilst performing all of 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
- performing the safe cutting/pruning of vegetation above ground outside live work zone near live electrical apparatus using an EWP in all of the following:
 - using cutting plans relevant to the vegetation type
 - safely using of all relevant personnel protective equipment (PPE)
 - safely operating restraints, slings, lifting and loads
 - safely using tools and equipment, such as hand saws, chainsaws, specialised tools and equipment and/or power pruners above ground on an EWP
 - safely using chemical control and application above ground on an EWP
 - safely using regulatory and/or approved industry cutting/pruning platforms
 - safely working aloft on an EWP and undertaking cutting, pruning and tree trimming techniques near electrical apparatus
 - conducting pre- and post-operational checks, inspection and minor maintenance
 - 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:

- techniques in operating tools and equipment from an EWP encompassing:
 - Commonwealth/state/territory and local government legislation, standards, codes, supply authority regulations and/or enterprise requirements, including relevant certification and licensing applicable to the operating of tools and equipment from a platform
 - types of EW's used for vegetation control
 - advantages and disadvantages of each type of EWP
 - types of pre-operational checks on EWPs

- electrical test requirements e.g. test and certify periodically
- transporting and storage methods
- safety precautions when using EWP
- proper use of EWPs
- earthing of the EWP
- proper methods of mounting and alighting EWPs
- hydraulic tools
- use of insulated EWPs - insulated EWP operator
- EWP operational techniques on a platform - height safety and working aloft
- understanding of definitions of drop zone and full zone
- safety precautions specific to working on EWPs - safe working practices and procedures; WHS/OHS hazards and precautions; identification of WHS/OHS hazards; assessment and control of WHS/OHS risks; types, selection, maintenance, storage and use of PPE, including harnesses; dangers of working in confined spaces and at heights while on an EWP; role of safety observer; permit to work systems and isolation procedures/protocols
- safe working policies and procedures
- enterprise-specific vegetation control equipment encompassing:
 - types and application of vegetation cutting tools – chainsaws, hydraulic pruning saws, tool line and specialised pruning tools (cocky beaks and pruning saws)
 - 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
 - techniques in safe methods of controlling the descent of vegetation in an electrical environment - safety procedures, including safety ropes and lines; checking and setting up equipment; load calculations/estimations; techniques in using lowering equipment; determining the serviceability of ropes and other lowering devices
 - 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, and precautions to note during use of equipment (proximity of other personnel, proximity of powerlines and obstacles, 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>