



Australian Government

Assessment Requirements for UETTDRC29 Control vegetation whilst performing linework

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
- conducting vegetation control work from at least one (1) of the following:
 - non-conductive ladder
 - elevated work platform (EWP)
 - ground level
- undertaking vegetation control measures using at least two (2) of the following:
 - hand clearing
 - specialised tools and equipment
 - machinery assisted clearing
 - herbicidal clearing
- 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:

- ecological principles, including:
 - interdependence of plants, animals, the soil and the environment
 - environment
 - habitats
 - the food chain
- soil and erosion control principles, including:
 - soil types
 - simple tests

- types of erosion
- theory of erosion prevention and control
- land degradation control
- functions of trees in the environment
- basic anatomy and physiology, including:
 - plant morphology
 - internal anatomy
 - growth patterns and habits
 - simple physiology
- tree hazard assessment, including:
 - symptoms of stress in trees
 - diagnosing tree problems
 - assessments for line clearance
 - personal hazards
 - the tree's response to wounding and decay
 - theory of compartmentalisation
 - tree stability (damage to root systems due to excavation)
 - principles of pruning
 - branch collars
- standards, codes, legislation, supply authority regulations and/or enterprise requirements, including relevant certification and licensing applicable to the control of vegetation, including:
 - clearance zones and approach distances from overhead power lines
 - legislation associated with easement access and maintenance
 - appropriate personal protection equipment (PPE)
 - equipment maintenance and safety precautions
- tree climbing and pruning, including:
 - chainsaw safety and maintenance
 - basic cross-cutting techniques
 - simple felling
 - use of EWP
 - safe climbing with ropes and harnesses
 - use of chainsaws in the tree
 - cutting techniques
 - roping techniques
 - chemical control of foliage and the required safety techniques
 - practical work on-site with a range of trees
- easement management, including:
 - legislation relating to easement access and maintenance
 - use of chemicals and herbicides and provision of material safety data sheets (MSDS) for

those substances

- use of machinery and plant
- access tracks.

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, facilities, equipment and PPE currently used in industry for controlling vegetation whilst performing linework
- applicable documentation, including workplace procedures, relevant industry standards, 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>