



**Australian Government**

# **UETDRVC011 Use specialised plant to cut vegetation above ground in the vicinity of live electrical apparatus**

**Release: 1**

# **UETDRVC011 Use specialised plant to cut vegetation above ground in the vicinity of 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 Release 2.0.

## **Application**

This unit involves the skills and knowledge required to use specialised plant to cut vegetation above ground in the vicinity of live electrical apparatus in the electricity supply industry (ESI).

It includes carrying out pre- and post-operational checks, vegetation clearances zones, safe approach distances, reporting faults and maintaining operational records and using the plant to safely cut vegetation.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace.

Other conditions may also apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

## **Pre-requisite Unit**

UETDREL002 Comply with environmental requirements

UETDREL006 Work safely in the vicinity of live electrical apparatus as a non-electrical worker

UETDRVC001 Apply work health and safety requirements for powerline vegetation control

UETDRVC009 Monitor vegetation control work in the vicinity of live electrical apparatus

## **Competency Field**

Vegetation Control

## **Unit Sector**

Not applicable.

## **Elements and Performance Criteria**

### **ELEMENTS**

### **PERFORMANCE CRITERIA**

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

## **1 Prepare specialised plant**

- 1.1** Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are referred to and confirmed
- 1.2** Work instruction is obtained and confirmed in accordance with workplace requirements
- 1.3** Plant and personal protective equipment (PPE) required for the work are determined, obtained and confirmed in safe working order
- 1.4** Hazards are identified, risks assessed, and control measures identified and applied
- 1.5** Work is prioritised and sequenced for completion in accordance with work instruction and workplace requirements
- 1.6** Work permits are organised in accordance with workplace requirements
- 1.7** Worksite is prepared in accordance with the work instruction and workplace requirements
- 1.8** Safety observer role, responsibility and communication method is discussed and confirmed in accordance with workplace requirements
- 1.9** Safe approach distances and vegetation clearances for the work to be performed are determined and confirmed in accordance with workplace requirements
- 1.10** Routine pre-operational checks are completed to manufacturer specifications and workplace requirements

## **2 Operate specialised plant**

- 2.1** Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are applied and monitored
- 2.2** PPE is used in accordance with workplace requirements
- 2.3** Hazard control measures are monitored in accordance with workplace requirements
- 2.4** Safety observer is positioned to observe the work in accordance with workplace requirements

- 2.5 Communication methods between workers and safety observer are used in accordance with workplace requirements
- 2.6 Safe approach distances are maintained when the work is being performed
- 2.7 Plant is operated in a safe and controlled manner, and monitored for performance and efficiency
- 2.8 Environmental implications associated with specialised plant operation are identified, assessed and reported according to workplace requirements
- 2.9 Incidents or unplanned events are responded to in accordance with workplace requirements
- 3 Complete work and documentation**
  - 3.1 Completed work is checked for compliance against the work instruction and workplace requirements
  - 3.2 Work permits are signed off, where appropriate, in accordance with workplace requirements
  - 3.3 Shutdown procedures for specialised plant are completed to manufacturer specifications and workplace requirements
  - 3.4 Post-operational checks, minor maintenance of plant is conducted in accordance with workplace requirements
  - 3.5 Plant is cleaned and returned to storage in accordance with workplace requirements
  - 3.6 Incidents or unplanned events are reported in accordance with workplace requirements
  - 3.7 Worksite is cleaned and made safe in accordance with workplace requirements
  - 3.8 Work documentation is completed in accordance with workplace requirements

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to UETTDRC32 Use specialised plant to cut vegetation above ground level in the vicinity of live electrical apparatus.

## Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>

# **Assessment Requirements for UETDRVC011 Use specialised plant to cut vegetation above ground in the vicinity of live electrical apparatus**

## **Modification History**

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## **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 legislation, regulations, standards, codes of practice and organisational workplace requirements, including:
  - work health and safety (WHS)/occupational health and safety (OHS)
  - safe approach distances
  - vegetation clearances
- identifying hazards, assessing risks, identifying, applying and monitoring control measures
- obtaining and signing on and off relevant work permits in accordance with workplace requirements
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- operating specialised plant to cut vegetation above ground level in the vicinity of live electrical apparatus
- conducting pre- and post-operational checks specialised plant
- inspecting and maintaining specialised plant
- determining communication method with safety observer
- confirming safety observer is in position in accordance with workplace requirements
- using operational techniques for the specific terrain, including on and off-road environments and weather conditions
- securing, cleaning and storing plant in accordance with manufacturer specifications and workplace requirements
- dealing with an unplanned event on at least one (1) occasion
- 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
  - safe approach distances
  - vegetation clearances
- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of PPE
- application, purpose and types of work permits
- safety observer:
  - role and responsibilities
  - communication methods
- specialised plant to cut vegetation above ground level in the vicinity of live electrical apparatus, including:
  - mechanical tree trimmer
  - mechanical hedger
  - pre- and post-operational checks
  - safe operation of plant
  - inspection, care, maintenance and transport/loading
  - emergency procedures
- relevant environmental implications associated with the operation of plant
- relevant work documentation
- vegetation control specialised plant, including:
  - work instruction relevant to the vegetation type
  - cutting techniques
  - drop zone
- events constituting an unplanned event or incident
- procedures for responding to an unplanned event or incident.

## 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.

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