



**Australian Government**

# **UETDRVC010 Perform rescue from within a tree in the vicinity of live electrical apparatus**

**Release: 1**

# **UETDRVC010 Perform rescue from within a tree 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 perform rescue from within a tree in the vicinity of live electrical apparatus.

It includes applying safe approach distances, tree climbing techniques, rescue methods, inspection and use of rescue equipment.

It also includes emergency procedures for energised and non-energised rescue, hazard assessment, site security and reporting requirements.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## **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

UETDRVC006 Control vegetation in the vicinity of live electrical apparatus from within the tree

UETDRVC007 Control vegetation using pruning techniques

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 to respond to a rescue from within a tree**

- 1.1** Legislation, regulations, standards, codes of practice and organisational workplace requirements for the rescue response are referred to and confirmed
- 1.2** Tools and emergency equipment are checked for safety, functionality and placed in an accessible location to facilitate response and rescue according to workplace requirements
- 1.3** Emergency rescue responsibilities are confirmed and clarified with work team prior to work being undertaken

**2 Respond and perform rescue from within a tree**

- 2.1** Emergency situation is assessed in accordance with workplace requirements
- 2.2** Emergency responses are activated in accordance with workplace requirements
- 2.3** Assistance is requested from work team and/or public, where required
- 2.4** Nature of the injury is assessed and communicated
- 2.5** First aid is applied, where required
- 2.6** Casualty is prepared for descent according to first aid and risk assessments
- 2.7** Casualty is lowered safely to the ground with support of rescuer

**3 Perform casualty recovery**

- 3.1** First aid is applied on the ground, where required
- 3.2** Emergency assistance is confirmed in accordance with emergency response

**4 Complete documentation**

- 4.1** Incident is reported in accordance with workplace requirements
- 4.2** Incident site is secured and entry controlled in accordance with workplace requirements
- 4.3** 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 UETTDRVC34 Undertake release and rescue from a tree near 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 UETDRVC010 Perform rescue from within a tree 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.

## **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
  - securing the incident site
- identifying hazards, assessing risks, identifying, applying and monitoring control measures
- obtaining, inspecting and using rescue equipment
- performing a rescue from a tree using at least two (2) of the following rescue types:
  - lower casualty on own system
  - lower casualty on additional system
  - lower casualty on the rescuers climbing system
  - pole top (tree)
- using emergency communication system
- 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
  - incident site security
  - reporting requirements

- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of personal protective equipment (PPE)
- branches/limbs that are unsafe to climb
- rescue equipment, including:
  - storage and maintenance
  - inspection
  - placement
  - components and application
- safe climbing practices, including:
  - ropes, slings and harnesses
  - roping and slinging techniques
  - application of lifelines and ropes
  - load bearing equipment and lifts
- range of emergency situations that may arise
- emergency response procedures in rescuing a climber, including:
  - first aid/cardiopulmonary resuscitation (CPR)
  - climber position with respect to live power lines
  - contacting emergency services
  - assessment of rescue priorities
  - safe rescue of the climber
  - selection of rescue method and equipment
- emergency response procedures in rescuing a person from an energised position, including:
  - climber position with respect to live power lines
  - identification of voltage
  - isolation of supply
  - contacting network operator/asset owners.

## 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
- suitable simulated work environment
- applicable documentation, including workplace requirements, equipment specifications, regulations, codes of practice and operation manuals.

## Links

Companion Volume Implementation Guides are found in VETNet -

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