



Australian Government

UETDRVC002 Assess vegetation in an electricity supply industry environment

Release: 1

UETDRVC002 Assess vegetation in an electricity supply industry environment

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 assess vegetation in an electricity supply industry (ESI) environment.

It includes identification of vegetation, tree defects and hazards, encroaching vegetation, clearance zones, electrical network characteristics and environmental requirements.

It also includes recommending and documenting control measures.

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

Competency Field

Vegetation Control

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to assess vegetation

- 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** Hazards are identified, risks assessed and control measures identified and applied
- 1.4** Tools, equipment and personal protective equipment (PPE) required for work are determined, obtained and confirmed in safe working order
- 1.5** Liaison and communication with stakeholders is carried out in accordance with workplace requirements
- 1.6** Work is prioritised and sequenced for completion in accordance with workplace requirements

2 Conduct assessment of vegetation and recommend control measures

- 2.1** Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are applied and monitored
- 2.2** Tools, equipment and PPE are used in accordance with workplace requirements
- 2.3** Hazard control measures are monitored in accordance with workplace requirements
- 2.4** Vegetation is assessed in accordance with workplace requirements
- 2.5** Environmental requirements are identified in accordance with workplace requirements
- 2.6** Vegetation control measures are recommended in accordance with workplace requirements

3 Complete work and documentation

- 3.1** Work instructions are updated, and documentation completed in accordance with workplace requirements
- 3.2** Tools and equipment are cleaned, checked and returned to storage in accordance with workplace requirements
- 3.3** Personnel are notified of work completion 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 UETTDRVC24 Assess vegetation and recommend control measures in an ESI environment.

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 UETDRVC002 Assess vegetation in an electricity supply industry environment

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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
- interpreting and using drawings, diagrams and instructions
- identifying hazards, assessing risks, identifying, applying and monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- identifying electrical apparatus, including but not limited to:
 - low voltage (LV)
 - high voltages (HV)
 - stay wires
- assessing vegetation clearances
- identifying tree species and characteristics, including regrowth
- assessing vegetation for defects and hazards, including
 - recommending control measures:
 - tools and equipment
 - safe approach distances for:
 - plant
 - persons and handheld tools
- 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
- vegetation clearances
- safe approach distances
- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of PPE
- safe use of plant, tools and equipment
- events constituting an unplanned event or incident
- tree species and characteristics, including regrowth
- tree defects and hazards
- methods for removal, pruning and cutting of vegetation
- characteristics of overhead and underground electricity networks, including:
 - transmission, distribution and rail
 - layout/configuration
 - components
 - voltage levels
 - network diagrams.

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 and codes of practice.

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