



Australian Government

UETTDRVC33 Apply pruning techniques to vegetation control near live electrical apparatus

Release: 1

UETTDRC33 Apply pruning techniques to vegetation control 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.

Application

This unit involves the skills and knowledge required to apply pruning techniques to perform vegetation control near live electrical apparatus in the electricity supply industry (ESI).

It includes applying vegetation pruning principles and techniques in accordance with relevant industry standards to achieve statutory vegetation clearance requirements near live electrical apparatus up to live work zone as defined for both authorised and instructed persons in the industry guidelines associated with live electrical apparatus. Pruning activities may be performed from ground or above ground level.

It also includes the preparation of risk assessment control measures including job safety assessments, adhering to relevant State or Territory regulatory agencies/bodies, local government legislation, industry bi-partite body guidelines/codes of practice or other related requirements for safe work and access near live electrical and mechanical apparatus.

It does not include the full gamut of rigging techniques and practices required of a Rigger or entry into to the safe approach distance (SAD) as defined for persons, mobile plant, equipment and specialised tools.

This unit of competency applies to the transmission, distribution, rail traction, telecommunications and vegetation management control industry sectors.

The application of the skills and knowledge described in this unit may require a licence to operate specific pieces of equipment such as elevated work platforms.

Other conditions may apply under State and Territory legislative and regulatory licensing requirement which must be confirmed prior to commencing this unit.

Pre-requisite Unit

Common Unit Group

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UETTDREL13 Comply with sustainability, environmental and incidental response policies and procedures

UETTDREL14 Working safely near live electrical apparatus as a non-electrical worker

UETTDRC23 Plan the removal of vegetation up to vegetation exclusion zone near live

electrical apparatus

UETTDRVC27 Monitor safety compliance of vegetation control work in an ESI environment

Competency Field

Vegetation

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Identify pruning principles and pruning techniques

PERFORMANCE CRITERIA

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

1.1 Pruning principles are identified in an arboriculture context

1.2 Differentiation between formative, corrective and preventative pruning is identified

1.3 Poor pruning practices effecting the shape and future structure of various tree species are identified

1.4 Pruning requirements for various situations and plant types growing in proximity to power lines are detailed

1.5 Principles of natural target pruning are identified and applied in accordance with industry standards

1.6 Branch collars, branch bark ridge and the sequence for branch removal are identified

2 Prepare for pruning near live electrical apparatus

2.1 Pruning instructions are obtained and confirmed

2.2 Pruning tools and equipment are selected in accordance with the location, access and size of material to be pruned

2.3 Pre-operational and safety checks are carried out on pruning tools and equipment in accordance with

		manufacturer specifications and enterprise work procedures
	2.4	Pruning tools and equipment are prepared for use
	2.5	Suitable safety and personal protective equipment (PPE) are selected, used and maintained
3 Undertake pruning near live electrical apparatus	3.1	Pruning site is suitably signed and barricaded during pruning operations in accordance with workplace procedures
	3.2	Plant material to be pruned or removed is carried out in accordance with relevant industry standards
	3.3	Pruning activities near live electrical apparatus are undertaken in accordance with workplace procedures and work health and safety (WHS)/occupational health and safety (OHS) requirements
	3.4	Pruning tools and equipment are operated safely and effectively
	3.5	Hygiene practices are observed during pruning operations
4 Complete pruning activity near live electrical apparatus	4.1	Prunings and waste material removed from the site are disposed of in an environmentally aware and safe manner in accordance with enterprise work procedures
	4.2	Correct manual handling techniques are used when lifting or moving heavy loads
	4.3	Pruning tools and equipment are cleaned, maintained and stored in accordance with enterprise work procedures
	4.4	A clean and safe area is maintained throughout and on completion of work
	4.5	Workplace records are maintained in accordance with enterprise guidelines

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UETTDRVC33A Apply pruning techniques to vegetation control near live electrical apparatus.

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>