



Australian Government

FWPSIL2003 Prune trees

Release: 1

FWPSIL2003 Prune trees

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to select, prepare and prune trees as part of forestry operations.

The unit applies to individuals who are involved in preparing seedbeds as part of forestry operations.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Silviculture (SIL)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for pruning	1.1 Determine job requirements from work order or instruction, and where required seek clarification from appropriate personnel 1.2 Confirm safety and environmental requirements, including use of personal protective equipment, for the task according to workplace procedures 1.3 Identify, assess and take actions to mitigate risks and hazards

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	associated with tree pruning operations 1.4 Identify emergency and evacuation procedures to follow in the event of an incident or accident 1.5 Consult with appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.6 Select tools, equipment, machinery and materials for tree pruning operations, and check for serviceability according to workplace procedures
2. Select and prune trees	2.1 Identify and select trees for pruning according to work order 2.2 Use ladder handling and pruning techniques according to workplace procedures 2.3 Prune trees by removing branches, epicormics and green shoots to meet quality requirements
3. Assess pruning quality	3.1 Appraise pruned trees visually to ensure pruning quality and pruned stock level comply with work order 3.2 Rectify incorrect pruning to ensure quality of grown trees 3.3 Dispose of pruned material according to environmental protection practices 3.4 Record and report pruning process and equipment faults to appropriate personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	- Extract information for industry guides and standard references on tree pruning techniques - Read familiar workplace text such as safety signs and work orders
Writing	- Complete workplace forms - Annotate site plans

Skill	Description
Oral communication	• Ask open and closed questions and use active listening techniques to clarify contents of work orders • Provide oral reports on selection of pruning operations
Numeracy	• Identify quantity of trees to be pruned from work order and count numbers • Complete routine calculations involving tree spacing, size, lean and angle and count quantity of branches

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSIL2003 Prune trees	FWPFGM2205 Prune trees	Updated Application Statement Reworded Elements and Performance Criteria Minor changes to Performance Evidence and Knowledge Evidence Updated Foundation Skills and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPSIL2003 Prune trees

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has completed two work orders each prescribing different quantities and species of trees to be pruned.

In undertaking this activity, the individual has:

- utilised appropriate equipment for pruning task selected from:
 - pruners
 - jack saw
 - pouch
 - steps
 - epicormic remover
 - pole saw
 - ladder
 - climbing gear
 - elevated work platform according to site requirements
- implemented workplace practices for assessing pruning quality and rectifying incorrect pruning to ensure quality of grown trees
- followed environmental protection practices for disposing of pruned materials
- complied with workplace health and safety standards, including use of personal protective equipment (PPE)
- completed workplace reports on pruning operations and equipment maintenance.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- typical workplace hazards associated with pruning trees, and methods of minimising risks:
 - slope and uneven ground
 - falling or fallen branches

- ladder instability
- climbing ladders
- loss of balance
- damp conditions
- reasons for pruning trees and using particular pruning techniques
- best seasonal timing for pruning of tree species relevant to the organisation
- criteria for selecting trees for pruning:
 - prescribed defects
 - green crowns
 - dominance
 - vigour
 - straightness
 - lean
 - size
 - angle
 - number of branches
 - overall tree health
 - stocking
 - spacing and quality requirements
- purpose, features and safe operation of tree pruning tools and equipment:
 - pruners
 - jack saw
 - pouch
 - steps
 - epicormic remover
 - pole saw
 - ladder
 - climbing gear
 - elevated work platform according to site requirements
- environmental protection practices for disposing of pruned materials:
 - recycling pruned material where appropriate
 - sending pruned material to landfill only where it cannot be recycled
 - redirecting pruned material for energy recovery
- workplace procedures specific to pruning trees:
 - workplace health and safety, with particular emphasis on risk control and use of PPE
 - communication reporting lines
 - recording and reporting pruning processes and equipment faults.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a forest or wood products work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - trees to prune
 - tools, machinery, equipment and materials used to prune trees
 - PPE suitable for tree pruning operations
- specifications:
 - work order or instruction with specific instructions for types and quantities of trees to be pruned
 - access to workplace health, safety and environmental policies and procedures applicable to tree pruning
 - workplace procedures for tree pruning.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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