



Australian Government

FWPSIL2001 Select and mark trees for tending operations

Release: 1

FWPSIL2001 Select and mark trees for tending operations

Modification History

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

Application

This unit of competency describes the skills and knowledge required to select and mark trees for tending treatments including thinning, pruning and treating for pests and other tending treatments used to provide a healthy environment for tree and forest growth.

The unit applies to individuals who select and mark trees 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 tree selection and marking operations	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 selection and marking operations 1.4 Identify emergency and evacuation procedures to follow in the event of an emergency 1.5 Consult with appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.6 Select tools, equipment and materials required for task according to workplace procedures 1.7 Plan tree selection and marking operations according to work order or instruction
2. Select and mark trees for tending	2.1 Locate forest area for tree selection according to work order 2.2 Designate trees for particular tending treatments according to work order 2.3 Mark or re-mark trees using appropriate marking method and equipment 2.4 Make recommendations for further tree selection to appropriate personnel 2.5 Complete records of tree selection and marking operations and forward 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 key information from workplace documents on tree selection and marking
Writing	Complete workplace forms using required format, industry terminology and structure
Oral communication	Employ active listening and questioning to confirm work instructions
Numeracy	Count numbers of branches and trees at regular intervals during selection process

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSIL2001 Select and mark trees for tending operations	FWPCOT2220 Select trees for tending operations	Reworded title Updated Application Statement Reworded Element and Performance Criteria 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 FWPSIL2001 Select and mark trees for tending operations

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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 the individual has used one of the following methods to identify, select and mark trees for tending treatments as specified in one work order:

- selecting a predetermined number of trees in a given area
- counting and selecting trees at regular intervals
- selecting trees with particular characteristics
- selecting trees for particular treatment.

In undertaking this activity, then individual has:

- identified the tree selection method and planned tree selection and marking operation
- followed workplace safety and environmental requirements, including use of PPE
- marked or remarked trees for particular tending treatments including thinning, pruning, treatment for pests and other tending treatments
- completed workplace records of tree selection and marking operations including recommendations for further tree selection.

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:

- use and care of tools and materials used to select trees for tending operations:
 - tags
 - tape
 - paint
 - tools for blaze marking
- typical workplace hazards present during tree selection activities, and methods of minimising risks:
 - slope

- water
- rock
- undergrowth
- slash
- depressions and holes
- falling or fallen branches
- key types of tending treatments and their purpose:
 - thinning
 - pruning
 - disease treatment
 - cleaning
 - seed collection
- characteristics of trees and distribution relevant to tending treatments:
 - dominance and vigour
 - leader defects
 - straightness
 - lean
 - size
 - angle
 - number of branches
 - spacing and overall tree health
 - stocking
 - green crowns
 - insect infestation
- common methods used to select trees for tending operations:
 - selecting predetermined number of trees in a given area
 - counting and selecting trees at regular intervals
 - selecting trees with particular characteristics
 - selecting trees for particular treatment
- workplace procedures specific to selecting and marking trees for tending:
 - workplace health and safety, with particular emphasis on risk control and use of PPE
 - communication reporting lines.

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 be selected for tending treatments
 - materials and equipment relevant for selecting and marking trees for tending treatments, including tags, tape, paint, tools for blaze marking
 - PPE suitable for selecting and marking trees for tending treatments
- specifications:
 - work order or instruction for selecting and marking trees for tending treatments
 - workplace health, safety and environmental policies and procedures applicable to selecting and marking trees for tending treatments
 - workplace procedures for selecting and marking trees for tending.

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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