



Australian Government

FWPCOT2220 Select trees for tending operations

Release: 1

FWPCOT2220 Select trees for tending operations

Modification History

Release	Comment
1	Replaces equivalent unit FPICOT2220B Select trees for tending operations, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to select appropriate trees for tending operations which involves selecting trees to be thinned, pruned, treated for pests and other tending treatments used to provide a healthy environment for tree and forest growth. Work is completed in a forest environment setting and involves identifying tree characteristics and marking them for specific treatments.

The unit applies to Forestry technician, Nursery technician, Supervisor (Forestry operations), Tree planter, Silviculturist, Arboriculture technician

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

Pre-requisite Unit

Nil

Unit Sector

Common Technical

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. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Prepare for selection process	1.1 Determine tree distribution, characteristics and selection method from work order and where required check with appropriate personnel 1.2 Identify and follow site environmental protection practices and

ELEMENTS	PERFORMANCE CRITERIA
	associated regulatory compliance requirements. 1.3 Determine existing and potential site hazards and assess associated risks in line with organisational procedures. 1.4 Select appropriate personal protective and other equipment and check for operational effectiveness.
2. Select and mark trees for tending	2.1 Locate forest area for tree selection in line with work order. 2.2 Designate trees for particular tending treatments according to designated work order method, site procedures and environmental regulations. 2.3 Mark or re-mark trees using appropriate marking method and equipment. 2.4 Make recommendations for further tree selection to appropriate personnel.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	count numbers of branches and trees at regular intervals during selection process.
Oral communication skills to:	ask open and closed probe questions and actively listen to clarify contents of work orders.
Reading skills to:	- interpret: - workplace health and safety and other organisational procedures - work orders - environmental regulations or plain English equivalent documents.
Planning and organising skills to:	complete tree selection and marking activities in an efficient and logical sequence using designated work orders methods to guide activities.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT2220B Select trees for tending operations

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPCOT2220 Select trees for tending operations

Modification History

Release	Comment
1	Replaces equivalent unit FPICOT2220B Select trees for tending operations, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- use one or more of the following methods to identify, select and mark trees for tending treatments in line with an individual 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.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- basic content and application of applicable commonwealth, state, territory or local government environmental protection regulations relevant to tree tending operations
- 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
 - thinning
 - 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
- organisational procedures specific to selecting and marking trees for tending:
 - workplace health and safety with particular emphasis on risk control and use of personal protective equipment
 - communication reporting lines.

Assessment Conditions

The following resources must be made available as appropriate:

- tags

- tape
- paint
- tools for blaze marking
- personal protective equipment suitable for selecting and marking trees
- environmental regulations affecting site operations
- work order with designated methods for tree selection
- organisational procedures for selecting and marking trees for tending.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.
-

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>