



Australian Government

FWPSIL3002 Plant trees mechanically

Release: 1

FWPSIL3002 Plant trees mechanically

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 suitable tree stock, prepare the planting site and plant trees mechanically.

The unit applies to individuals who are involved in planting trees mechanically 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 mechanical planting 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 mechanical tree planting 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, machines and materials for mechanical tree planting, and check for serviceability according to workplace procedures 1.7 Obtain, visually assess and prepare planting stock according to work order
2. Assess planting site and stock	2.1 Assess and prepare planting site according to work order 2.2 Select quantity of tree stock to plant according to production target and stock quality 2.3 Select work methods and patterns to suit tree type, plant site and type of equipment 2.4 Identify and resolve issues associated with the site, equipment, tree stock, hazards or safety according to workplace procedures
3. Plant forest trees	3.1 Conduct pre-operational checks of planting machine and report faults if identified 3.2 Use planting machine to plant tree stock according to production target, manufacturer instructions and workplace procedures 3.3 Identify and dispose of unsuitable tree stock according to environmental protection practices 3.4 Maintain and store planting machine, tools, equipment and remaining tree stock according to workplace procedures

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
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Skill	Description
Reading	Extract information from industry guides and standard references on mechanical tree planting procedures
Writing	Complete basic records of tree planting activities
Oral communication	- Ask open and closed questions and use active listening techniques to clarify contents of work orders - Provide oral reports on tree planting activities
Numeracy	Complete routine calculations involving number and spacing of tree plantings

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSIL3002 Plant trees mechanically	FWPFGM2204 Plant trees mechanically	Updated Application Statement Reworded Elements 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>