



Australian Government

FWPSIL4002 Plan for and coordinate thinning operations in a native forest or plantation

Release: 1

FWPSIL4002 Plan for and coordinate thinning operations in a native forest or plantation

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 plan, coordinate and monitor the implementation of thinning operations in a native forest or plantation.

The unit applies to individuals whose work involves planning and coordinating the implementation of thinning operations in a native forest or plantation.

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. Plan thinning operations	1.1 Identify stand to be thinned and confirm details of stand health and measurements provided by the planning team 1.2 Identify sample area and measure growth 1.3 Establish level of overwood treatment, taking account of habitat

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	and seed tree considerations 1.4 Select thinning method according to workplace procedures 1.5 Document thinning plan, including resource requirements, thinning method, risk analysis and costs, and communicate to appropriate personnel 1.6 Seek and obtain necessary approvals for thinning plan
2. Coordinate and monitor implementation of thinning operations	2.1 Coordinate and schedule personnel, materials and equipment required for thinning operation 2.2 Communicate thinning plan to operational personnel to ensure safety and effective implementation of thinning plan 2.3 Confirm tree marking prior to treatment according to workplace procedures 2.4 Identify monitoring points according to plan and workplace procedures 2.5 Monitor thinning operations to ensure compliance with production, quality, safety and environmental requirements 2.6 Adjust thinning activities, as required, to meet site conditions, ensure effective and efficient work and minimise damage to stand
3. Review and report on thinning operations	3.1 Assess and evaluate data from thinning operations to confirm techniques, methodologies and costs are consistent with plan 3.2 Identify and document issues and impediments to thinning activities and program costs 3.3 Review thinning operation and make recommendations to improve future thinning operations 3.4 Record and report outcomes of thinning operation 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
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Skill	Description
Reading	Extract information from industry guides and standard references on planning and coordinating thinning operations
Writing	Prepare written reports for different audiences on thinning operations
Oral communication	Use information and persuasive language in conversations and oral presentations to gain approvals for thinning activities
Numeracy	Itemise and calculate total cost of thinning operations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSIL4002 Plan for and coordinate thinning operations in a native forest or plantation	FWPFGM3206 Plan and implement non-commercial thinning operations	Reworded title Updated Application Statement Reworded Elements Updated Performance Criteria, 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>