



Australian Government

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

Release: 1

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Modification History

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

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 planned, coordinated and monitored the implementation of one thinning operation in one of the following types of forested areas:

- native forest
- plantation.

In undertaking this activity, the individual has:

- planned and coordinated the implementation of a thinning operation to achieve one or more of the following:
 - maintain stand health
 - improve productivity and long-term sustainability
 - provide for end product mix requirements
 - manage notifiable weeds
- determined and scheduled personnel, equipment and materials required for thinning operation
- communicated with and supervised operational personnel involved in thinning activities
- monitored thinning operations to ensure compliance with production, quality, safety and environmental requirements
- reviewed and reported on outcomes of thinning operations.

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:

- purpose of thinning operations:
 - maintain the health of the stand
 - improve productivity and long-term sustainability

- provide for end product mix requirements
- manage notifiable weeds
- reduce fire risk and disease
- regulate growth rate
- reduce competition in root and crown
- workplace procedures for planning and implementing thinning operations
- environmental protection requirements relevant to planning and implementing thinning operations
- methods and products used for thinning operations, including:
 - mechanical
 - chemical
- measurements relevant to thinning operations:
 - height
 - girth
 - number
 - spread
- processes for managing risks and hazards associated with thinning operations
- safe handling, use, transport and storage of chemicals
- relevant biology and stand dynamics for the species
- common diseases, pests and nutritional deficiencies for the species being thinned
- common weed and herbicide interactions
- monitoring points:
 - time based
 - frequency based
 - stream monitoring
 - mechanical damage to trees
- types, safe use and maintenance of tools and equipment used for thinning operations
- authorisations and approvals processes, including:
 - permits
 - approvals
 - licenses relating to neighbouring sites or properties
 - hours of operation
 - use and application of chemicals
- procedures for recording and reporting workplace information.

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 work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - forest or plantation stand to be thinned
 - personnel to undertake thinning operations
- specifications:
 - workplace health, safety and environmental policies and procedures applicable to thinning operations
 - workplace procedures for thinning operations.

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

Links

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