



Australian Government

**Assessment Requirements for
FWPFOM5008 Contribute to and
implement a silviculture regime for native
forest**

Release: 1

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Modification History

Release	Comments
Release 1	This version released with 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 participated in the design, coordination and monitoring of a silviculture regime for one native forest stand.

In performing this activity, the individual has:

- confirmed native forest management objectives and sourced pertinent information to identify the silviculture regime
- prepared prescriptions, established schedules and calculated costs for at least three plantation silviculture operations from the following:
 - regeneration
 - harvesting
 - survey for post-harvest monitoring
 - seed collection, preparation and sawing for meeting regeneration stocking standards
 - browsing controls
 - crop protection
- confirmed contractual requirements for one native forest silviculture operation and monitored and reported on contractor compliance
- monitored effectiveness of one native forest silviculture operation and presented recommendations for future improvements.

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:

- native forest management objectives:
 - social
 - economic

- environmental
- assessment of forest condition for selection of silviculture practices:
 - forest type
 - forest age structure
 - forest components and their condition
 - forest structure
 - wildlife habitat
 - forest generation
 - evidence of past disturbances (fire, logging) that may have influenced the growing stock condition
- types and characteristics of native forest silviculture regimes
- purpose of native forest silviculture regime:
 - support production of wood and non-wood products
 - water yield
 - creating ideal conditions for regeneration
 - providing habitat for wildlife
 - carbon sequestration
 - maintaining a diverse forest ecosystem
- components of silviculture regime:
 - management objectives
 - harvesting systems
 - regeneration treatment
 - monitoring and protection
- approaches to planning, implementing and monitoring native forest silviculture operations:
 - harvesting
 - thinning
 - regeneration
 - seed collection, preparation and sowing
 - stocking standards
 - surveys for post-harvest monitoring
 - browsing controls
 - crop protection measures – fire, wind
 - remedial treatments
- key elements of a prescription for forestry operations
- techniques for monitoring silviculture operations in native forests
- techniques for the design, implementation and analysis of outcomes of post-harvest surveys.

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:
 - a native forest stand
 - computing hardware and software for planning, implementing and monitoring silviculture operations
 - stand data required for silviculture operations
- specifications:
 - workplace policies and procedures regarding native forest silviculture 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>