



Australian Government

FWPSIL4007 Plan for and coordinate a regeneration rate assessment

Release: 1

FWPSIL4007 Plan for and coordinate a regeneration rate assessment

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 outcomes required to plan and coordinate the implementation and monitoring of a regeneration assessment within a forestry area.

The unit applies to individuals involved in planning and supervising a regeneration rate assessment 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 regeneration assessment	1.1 Identify regeneration activities undertaken at site to be assessed 1.2 Determine frequency of assessment activities and calculate size of sample area, taking into account inventory programs, budgets and workplace guidelines

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Select regeneration measurement method according to the forest type, environment protection requirements, hazards and risk analysis outcomes, and workplace procedures 1.4 Coordinate personnel, materials and equipment required for the assessment 1.5 Develop a schedule for the assessment in conjunction with other relevant forest operations personnel 1.6 Obtain necessary permits or licences required for the assessment
2. Coordinate implementation and monitoring of regeneration assessment	2.1 Direct personnel undertaking the regeneration assessment 2.2 Coordinate the collection of data on regeneration rates 2.3 Ensure personnel engaged in assessment and monitoring activities comply with environmental, legislative and workplace requirements 2.4 Communicate with operational staff and contractors during the assessment and monitoring activities 2.5 Monitor and review assessment and monitoring activities, and consult operational staff and contractors for potential improvements 2.6 Collate and interpret regeneration data
3. Report on assessment outcomes	3.1 Record and report on assessment outcomes according to workplace procedures 3.2 Review assessment method for potential improvements

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
Reading	Interpret familiar and detailed organisational policies and procedures and complex documents such as forest management plans
Writing	Produce detailed reports on the outcomes of the assessment of new plant stocks within forestry areas

Skill	Description
Oral communication	Ask open and closed questions and use active listening techniques to gather information related to the monitoring of regenerated areas
Numeracy	Interpret complex numerical data relating to germination, survival and regeneration rates

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSIL4007 Plan for and coordinate a regeneration rate assessment	FWPFGM4205 Monitor regeneration rates	New title Revised Elements and Performance Criteria Revised Performance Evidence and Knowledge Evidence Revised Assessment Conditions in line with requirements of Standards for Training Packages	Not equivalent

Links

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