



Australian Government

Assessment Requirements for FWPSIL4007 Plan for and coordinate a regeneration rate assessment

Release: 1

Assessment Requirements for 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.

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 the implementation and monitoring and reported on the outcomes of one regeneration rate assessment within a forestry area.

In undertaking this activity, the individual has:

- followed workplace policies and procedures relevant to scheduling and implementing the regeneration rate assessment
- coordinated people, materials and equipment required for the regeneration assessment
- coordinated regeneration monitoring in a sample area
- accurately interpreted regeneration data
- ensured personnel and contractors engaged in implementation and monitoring activities complied with environmental, legislative and workplace requirements
- identified ways of improving future regeneration rate assessments
- recorded and reported the outcomes of the regeneration rate assessment.

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:

- workplace and site standards, requirements, policies and procedures for monitoring regeneration rates
- risks and hazards in a forest setting
- environmental and legislative requirements associated with regeneration rate assessments
- types and rates of regeneration of the following:
 - seeding
 - seedlings
 - coppice

- standard sprouts
- assessment techniques for regeneration rates, including:
 - monitoring germination and survival rates
 - observing the effects of browsing, the distribution of new growth in square metres and regeneration rates
 - calculating basal areas
- types of tools and equipment used for measuring regeneration in a forest and procedures for their safe use and maintenance.

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 forest area that is undergoing regeneration
- specifications:
 - workplace safety and environmental policies and procedures applicable to forestry operations
 - workplace policies and procedures relevant to monitoring regeneration activities.

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>