



Australian Government

FWPSIL4008 Plan for and coordinate a forest site assessment

Release: 1

FWPSIL4008 Plan for and coordinate a forest site 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 skills and knowledge required to plan, coordinate and report on the outcomes of a forest site assessment.

The unit applies to individuals who are involved in planning and supervising a forest site 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. Plan forest site assessment	1.1 Determine location and size of sample area for assessment, taking into account inventory programs, budgets and workplace guidelines 1.2 Select method to assess forest site, with reference to location, topography and forest management plan 1.3 Review environmental protection measures that apply to site

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Develop a schedule for the assessment in conjunction with relevant forest operations personnel 1.5 Coordinate people, materials and equipment for the assessment 1.6 Obtain permits or licences required for the assessment 1.7 Document plan for forest site assessment including risk and hazard analysis
2. Coordinate forest site assessment	2.1 Direct personnel undertaking forest site assessment 2.2 Coordinate data collection according to workplace procedures 2.3 Ensure personnel engaged in assessment comply with quality, safety, environmental protection and workplace procedures 2.4 Communicate regularly with operational staff and contractors to ensure smooth operation and progress of assessment activities 2.5 Collate and interpret data on forest site
3. Report on forest site 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
Writing	Produce detailed reports on the outcomes of forest site assessments
Oral communication	Ask open and closed questions and use active listening techniques to gather information related to forest site assessments
Numeracy	Interpret complex numerical data relating to forest site assessments

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSIL4008 Plan for and coordinate a forest site assessment	FWPFGM4207 Conduct a forest site assessment	New title Revised Application Statement Updated 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>

Assessment Requirements for FWPSIL4008 Plan for and coordinate a forest site assessment

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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 reported on the outcomes of one forest site assessment.

In undertaking this activity, the individual has:

- followed workplace policies and procedures relevant to assessing a forest site
- calculated and analysed data on the soils, terrain, slope, rainfall and environmental specifications of a forest site in a sample area
- coordinated people, resources and equipment for the efficient assessment of a forest site
- ensured compliance with safety, quality, environmental protection and workplace procedures by personnel engaged in the forest site assessment
- identified and reported ways of improving forest site assessment process
- recorded and reported on the outcomes of the forest site 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 policies and procedures for conducting a forest site assessment
- risks and hazards associated with assessing a forest site
- environmental and legislative requirements related to forest site assessment
- site factors and how they affect different species
- forest site characteristics, including:
 - soil
 - aspect
 - terrain
 - slope
 - rainfall

- temperature
- water courses
- wind speed and direction
- vegetation
- ground hazards and obstacles
- environmental specifications
- techniques and methods for assessing a forest site
- types of tools and equipment for conducting a forest site assessment, 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 or wood products work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - a forest area for site assessment
 - plant, tools and equipment used in a forest site assessment
- specifications:
 - workplace safety and environmental policies and procedures applicable to forestry operations
 - workplace policies and procedures relevant to conducting a forest site assessment.

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

Links

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