



Australian Government

FWPFGM4207 Conduct a forest site assessment

Release: 1

FWPFGM4207 Conduct a forest site assessment

Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM4207B Conduct a forest site assessment, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to plan, implement and review a forest site assessment. The unit includes the assessment of soils, terrain, slope, rainfall and environmental aspects of the forest area.

The unit applies to job roles including Arboriculture Supervisor, Farm Forestry Supervisor, Forestry Supervisor, Forestry Operations Supervisor, Harvesting Supervisor, Harvesting Team Leader, Propagation and Stand Health Supervisor and Tree Farm Supervisor.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Forest Growing and Management

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan assessment	1.1 Determine required frequency and size of sample areas of assessment for particular forest area, from inventory programs, budgets and organisational guidelines. 1.2 Research methods to assess forest site for the location. 1.3 Select method to assess forest site with reference to location,

	topography, and the forest management plan. 1.4 Review site environmental protection measures that apply to the site. 1.5 Document plan to assess forest site.
2. Implement plan to assess forest site	2.1 Negotiate schedule for the assessment with other forest personnel. 2.2 Coordinate people, materials and equipment for the assessment. 2.3 Obtain permits or licences required for the assessment. 2.4 Direct personnel in data collection on forest site. 2.5 Ensure compliance with quality, WHS and other organisational procedures throughout the assessment. 2.6 Communicate regularly with operational staff and contractors to ensure smooth operation and progress. 2.7 Review data for accuracy, translate and report.
3. Review assessment	3.1 Assessment procedures are reviewed for potential improvements 3.2 Assessment method is reviewed and diagnosed for potential improvements. 3.3 Assessment outcomes are reported to the appropriate personnel

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	determine appropriate sample area for assessment
Oral communication skills to:	direct the work of others
Planning and organising skills to:	schedule time and sequence tasks, resources and equipment for assessment of environmental aspects of the forest area.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIFGM4207B Conduct a forest site assessment

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPFGM4207 Conduct a forest site assessment

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1	Replaces equivalent unit FPIFGM4207B Conduct a forest site assessment, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- follow organisational policies and procedures relevant to assessing a forest site
- accurately and safely calculate and analyse data on the soils, terrain, slope, rainfall, environmental specifications of a forest site in a sample area.
- coordinate people, resources and equipment for the efficient assessment of a forest site
- identify and report methods of improvement for the assessment of a forest site
- record and report on the outcomes of the assessment of a forest site.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- organisational policies and procedures for conducting a forest site assessment
- environmental protection measures relevant to conducting a forest site assessment including:
 - ground growth
 - canopy
 - general forest lean
 - wind speed and direction
 - fallen trees
 - density of trees

- ground slope
- soil and water protection
- ground hazards and obstacles
- environmental risks and hazards associated with assessing a forest site
- site factors and how they affect different species
- topography including
 - soils
 - terrain
 - slope
 - rainfall
 - 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 conditions

The following resources must be made available:

- a suitable forest area on which conduct a site assessment
- plant tools and equipment suitable to conduct a forest site assessment
- organisational policies and procedures relevant to conducting a forest site assessment
- PPE suitable to conduct a forest site assessment
- Relevant contractors and operational staff for the purposes of communication

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

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