



Australian Government

Assessment Requirements for FWPFGM4201 Implement a forest establishment plan

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM4201B Implement a forest establishment plan, 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 relating to the implementation of a forest establishment plan
- obtain and interpret topographical maps, information from local government and information about environmental requirements for forests
- prepare, implement and review a forest establishment plan that includes:
 - forest layout
 - protected areas
 - access
 - harvesting considerations
 - environmental sustainability issues
 - minimising environmental impact
- coordinate personnel to undertake activities to meet established timelines
- produce a report on the outcomes of the implementation of a forest plan that includes:
 - difficulties
 - costs
 - data analysis
 - efficiency and effectiveness
 - results
 - recommendations for future work

Knowledge Evidence

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

- environmental protection requirements for the establishment of a forest including the following
 - ground growth
 - canopy
 - general forest lean
 - wind speed and direction
 - fallen trees
 - density of trees
 - ground slope
 - soil and water protection
 - ground hazards
 - obstacles
 - drainage
- organisational policies and procedures for implementing a forest establishment plan
- how wood generates renewable energy through biomass
- forest establishment and planning procedures including:
 - forest design and map details
 - site preparation
 - access considerations
- planting for forest or streamside:
 - buffers
 - filter strips
 - contours
 - gullies
 - crossing points
- environmental considerations, including protection of:
 - habitat
 - rainforest
 - flora and fauna
 - landscape
 - excluded areas
 - rubbish removal
- and preparation of:
 - permanent roads
 - temporary roads
 - landings

- dumps
- snig tracks
- forwarding tracks
- adjoining land
- wet weather restrictions
- fire protection requirements.
- forest design and planting strategies
- regeneration principles and methods
- topography including:
 - terrain levels
 - soil types
 - contours
 - elevations
 - slopes
 - gullies
 - adjoining land parcels
- land use zoning and relevant approvals and permits including:
 - private zoning
 - government zoning
- resources, tools and equipment used for the implementation of a forest plan, and procedures for their safe use and maintenance
- appropriate mathematical procedures for estimating and measuring, including calculating time to complete tasks.

Assessment Conditions

The following resources must be made available:

- forest plan
- information required to support the implementation of a forest plan
- relevant personnel for the purposes of communicating information.

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.

Links

Companion Volume implementation guides are found in VETNet -

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