



Australian Government

FWPFGM5216 Manage coupe planning

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPIFGM5216A Manage coupe planning, 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 manage the planning of forest coupe establishment, harvesting and regeneration.

The unit applies to job roles including Arboriculture Manager, Forest Manager, Forestry Manager, Harvesting Manager, Nursery Manager, Plantation Establishment Manager, Plantation Manager and Production Manager.

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

There may be Codes of Practice applicable to coupe planning in some areas and for some forest types.

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 coupe establishment	1.1 Establish local authority coverage, land ownership and boundaries. 1.2 Check coupe location including map and grid references. 1.3 Identify and apply for land use zoning and planning permits.

2. Plan coupe harvesting	2.1 Analyse forest type, available species and topography and document in line site procedures. 2.2 Calculate gross area of coupe and net area to be harvested. 2.3 Calculate and report volume estimates. 2.4 Plan operational activities including site preparation, environmental considerations and access. 2.5 Issue tenders and award harvesting and cartage contracts and establish cartage routes. 2.6 Develop, check and communicate schedule for harvesting.
3. Plan coupe regeneration	3.1 Select regeneration method best suited to the site conditions 3.2 Plan and instigate environmental protection measures for the landscape, soil and drainage. 3.3 Create and schedule seeding process or seedling planting regime 3.4 Plan and schedule silviculture systems. 3.5 Record and report management of coupe planning to 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.

Planning and organising skills to:	• schedule activities to meet established goals and objectives.
Writing skills to:	• develop and document a plans for coupe establishment, harvesting and regeneration • report on outcomes.
Numeracy skills to:	• calculate length, width area and volume in relation to coupe

Range of Conditions

Not Applicable

Unit Mapping Information

FPIFGM5216A Manage coupe planning

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 FWPFGM5216 Manage coupe planning

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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 managing coupe planning
- plan for the establishment, harvest and regeneration of forest coupes
- select regeneration methods, create and schedule seeding processes or seedling regimes, and plan silviculture systems
- communicate effectively with the work team
- record and report workplace information, maintain documentation
- read and interpret maps
- estimate and calculate volume, gross and net areas
- manage risks and contingencies
- report on the outcomes of coupe planning

Knowledge Evidence

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

- environmental protection requirements relevant to coupe planning including limiting impact on:
 - selected forest vegetation
 - fauna
 - habitat
 - soil and water features

- organisational policies and procedures for managing coupe planning
- coupe establishment and planning methods
- harvesting methodologies
- regeneration principles and methods
- hydrology and hydrological principles
- plant identification and classification skills
- ecology and ecological interactions
- soil types and structure
- types of tools and equipment, and procedures for their use, operation and maintenance, for coupe planning
- procedures for recording and reporting workplace information.

Assessment Conditions

The following resources must be made available:

- organisational policies and procedures relevant to coupe planning
- relevant personnel for the purposes of communicating information
- documents, spreadsheets and commonly used proforma documents
- PPE suitable to managing coupe planning
- a suitable forest area.

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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