



**Australian Government**

# **FWPFGM4206 Conduct a wood volume and yield assessment**

**Release: 1**

## FWPFGM4206 Conduct a wood volume and yield assessment

### Modification History

| Release | Comment                                                                                                                                                                                                                                                  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Replaces equivalent unit FPIFGM4206B Conduct a wood volume and yield assessment, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.<br><br>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 wood volume and yield assessment within a 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                               | <p>1.1 Determine required frequency and size of sample areas of assessment for particular forest area, from inventory programs, budgets and organisational guidelines.</p> <p>1.2 Research methods to calculate wood volume and yield for the location to be assessed.</p> <p>1.3 Select method to calculate wood volume and yield measurement</p> |

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                   | <p>with reference to the forest management plan.</p> <p>1.4 Monitor site environmental protection measures in line with relevant legislation and regulations.</p> <p>1.5 Document plan to assess volume and wood yield.</p>                                                                                                                                                                                                                                                       |
| 2. Implement plan to assess wood volume and yield | <p>2.1 Negotiate schedule for the assessment with other forest personnel.</p> <p>2.2 Coordinate people, materials and equipment for the assessment.</p> <p>2.3 Obtain permits or licences required for the assessment.</p> <p>2.4 Direct personnel in data collection on wood volume and yield.</p> <p>2.5 Ensure compliance with quality, WHS and other organisational procedures throughout the assessment.</p> <p>2.6 Review data for accuracy, record and report results.</p> |
| 3. Review assessment                              | <p>3.1 Assessment procedures are reviewed for potential improvements</p> <p>3.2 Assessment method is reviewed and diagnosed for potential improvements.</p> <p>3.3 Assessment outcomes are reported to the appropriate personnel</p>                                                                                                                                                                                                                                              |

## 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:                | <ul style="list-style-type: none"> <li>determine appropriate sample area for assessment of yield and volume of wood</li> <li>calculate yield and volume of wood</li> </ul> |
| Oral communication skills to:      | <ul style="list-style-type: none"> <li>direct the work of others</li> </ul>                                                                                                |
| Planning and organising skills to: | <ul style="list-style-type: none"> <li>schedule time and sequence tasks, resources and equipment for assessment of yield and volume of wood.</li> </ul>                    |

## Range of Conditions

Not Applicable

## Unit Mapping Information

FPIFGM4206B Conduct a wood volume and yield assessment

## Links

Companion Volume implementation guides are found in VETNet -

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