



Australian Government

Assessment Requirements for FWPFGM4206 Conduct a wood volume and yield assessment

Release: 1

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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. 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:

- plan, conduct and review a wood volume yield assessment in line with regulations and organisational requirements that includes:
 - timber volume by class sizes
 - timber quality
 - timber damage
 - form and rates of growth
- accurately and safely calculate wood volume and yield from a sample area
- coordinate people, resources and equipment for the efficient assessment of wood volume and yield
- identify methods of improvement for the assessment of wood volume and yield
- accurately interpret data on assessment of wood volume and yield
- record and report on the outcomes of assessment of wood volume and yield.

Knowledge Evidence

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

- organisational policies and procedures for conducting a wood volume and yield assessment
- environmental risks and hazards associated with assessing wood volume and yield

- volumes and yields associated with different species that includes:
 - quantity (gross volume) of timber per hectare
 - estimated yield (net volume) of useable timber per hectare
- assessment techniques and methods for measuring and calculating wood volume and yield
- types of tools and equipment for conducting a wood volume and yield assessment, and procedures for their safe use and maintenance.
- Relevant permits and licences

Assessment Conditions

The following resources must be made available:

- An area of forest in which to conduct a wood volume and yield assessment
- PPE suitable to conduct a wood volume and yield assessment
- Relevant personnel for the purposes of communicating information
- Organisational and site procedures and requirements relevant to conducting a wood volume and yield assessment

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>