



Australian Government

**Assessment Requirements for
FWPFGM5217 Promote plantations as a
sustainable form of land use**

Release: 1

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Modification History

Release	Comment
1	<p>Replaces superseded equivalent FPIFGM5217A Promote plantations as a sustainable form of land use which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.</p> <p>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'.</p>

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must be able to provide evidence that they can:

- Develop individual promotional programs to communicate the benefits of tree plantations as an alternative land use, to each of the following targeted stakeholder groups:
 - landholders
 - local government councils
 - general public.
- For each of the above programs, develop and document materials which provide advice on the following range of matters relating to plantation management:
 - objectives of plantation establishment
 - species selection
 - plantation designs
 - establishment techniques
 - silvicultural regimes
 - maintenance
 - fire protection
 - market opportunities.
- For each of the above programs, choose at least two promotional methods from the following list that are suitable to the audience and document plans for delivery of promotions:
 - literature
 - self-help material
 - field demonstrations

- field inspections
 - lectures
 - workshops
 - field days
 - brochures
 - information sessions
 - individual consultations
 - multimedia material.
- Evaluate the effectiveness of one of the above promotional programs and complete a report including recommendations for improving future programs.

Knowledge Evidence

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

- A range of matters relating to plantation management around which promotions can be designed, including:
 - objectives of plantation establishment
 - species selection suitable for plantation establishment for a range of soil types and climates
 - plantation designs
 - plantation establishment techniques
 - silvicultural regimes suitable for a range of plantation types
 - maintenance
 - fire protection and suppression in plantations.
- Harvesting methods suitable for a range of plantation types.
- Market opportunities for plantation products and carbon storage.
- Role of wood or waste products in generating renewable energy through biomass.
- Effects of plantation on soils, water quality, water quantity and biodiversity compared to other land uses.
- Levels of use of fertilisers, herbicides, insecticides and other chemicals compared to other land uses.
- Socioeconomic impacts of plantations on rural communities.
- Use and demand for plantation products nationally and internationally.
- Economic benefits of plantations compared to other land uses.
- Features, benefits and practical application of promotional methods commonly used to promote plantations, including:
 - self-help material
 - field demonstrations
 - field inspections
 - lectures
 - workshops

- field days
- brochures
- information sessions
- individual consultations
- multimedia material.
- Approvals required for promotional activities:
 - permits, approvals and licences relating to use of resource material
 - use of existing plantations for demonstration purposes.
- Methods to evaluate program effectiveness against plans and objectives.

Assessment Conditions

The following resources must be made available:

- Computers, keyboards, printers and software used to document plans and reports.

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>