



**Australian Government**

# **Assessment Requirements for FWPFRM5003 Contribute to and implement a forest inventory program**

**Release: 1**

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## Modification History

| Release   | Comments                                                                              |
|-----------|---------------------------------------------------------------------------------------|
| Release 1 | This version released with FWP Forest and Wood Products Training Package Version 7.0. |

## Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, under the supervision of a senior forester, the individual has planned, implemented and assessed one forest inventory program.

In undertaking this activity, the individual has:

- followed workplace policies and procedures relevant to planning and managing an inventory program
- planned and implemented an inventory assessment process that involves:
  - calculating the current and expected wood volume and yield within a forest, or
  - establishing a monitoring process to enable reporting against marketing, strategic and business plans
- implemented an inventory program in line with documented plan and budget and making adjustments to plan or program
- selected sampling techniques and created sampling designs
- reviewed inventory program and used findings to document improvements to future assessments
- prepared and presented a detailed report, including costs, processes and analysis of findings of the program.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- requirements for an inventory program
- site factors impacting on forest inventory programs
- timeline and budget for inventory program
- sampling techniques, methods of measurement and frequency of inventory assessment
- stakeholder consultation techniques

- structure and format of inventory program and performance indicators
- resources and authorisations required for inventory programs
- monitoring processes for reporting against marketing, strategic and business plans
- monitoring procedures for compliance with environmental, safety, workplace and legislative requirements
- procedures for recording and reporting workplace information.

## Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a forest work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - computing hardware and software for documenting forest inventory program
  - reference materials for data, images, geographic and topographic information, maps and diagrams relating to inventory assessments
- specifications:
  - requirements for a forest inventory program
  - workplace standards, policies and procedures for forest inventory planning
  - workplace safety and environmental policies and procedures applicable to forestry operations.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>