



**Australian Government**

# **FWP50116 Diploma of Forest and Forest Products**

**Release 4**

## FWP50116 Diploma of Forest and Forest Products

### Modification History

Release	Comments
Release 4	This version released with FWP Forest and Wood Products Training Package Version 6.1.
Release 3	This version released with FWP Forest and Wood Products Training Package Version 4.0.
Release 2	This version released with FWP Forest and Wood Products Training Package Version 3.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

### Qualification Description

This qualification is designed for job roles in the forest and forest products industry.

#### Job roles

This qualification has twelve employment pathway for typical management environments of forest and forest products industries. These are:

- Arboriculture Manager
- Forest Manager
- Forestry Manager
- Harvesting Manager
- Nursery Manager
- Plantation Establishment Manager
- Plantation Manager
- Production Manager
- Sawmill Manager
- Timber Advisory Manager
- Timber Manufacturing Manager
- Tree Farm Manager

Licensing, legislative, regulatory, or certification requirements may apply to units in this qualification in some states & territories at the time of publication and may differ according to jurisdiction.

Some imported units in the elective bank may be subject to licensing, legislative, regulatory, or certification requirements. These units must be implemented in line with the licensing requirements outlined in the unit's parent Training Package.

## Entry Requirements

There are no entry requirements for this qualification.

## Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 15 units of competency:
  - 6 core units plus
  - 9 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- 5 units from Group A
- 4 units from Group A and /or Group B, the total of which may also include up to 2 units recommended for packaging at Certificate IV, Diploma or Advanced Diploma level from this or any other endorsed Training Package or state/territory accredited course.

Elective units must be relevant to work undertaken in the forest and wood products industry.

### Core Units

BSBCUS501	Manage quality customer service
BSBMGT502	Manage people performance
BSBMGT516	Facilitate continuous improvement
BSBWHS503	Contribute to the systematic management of WHS risk
BSBWOR501	Manage personal work priorities and professional development
BSBWOR502	Lead and manage team effectiveness

### Elective Units

An asterisk (\*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.

## Group A

## Fire Control

PUALAW001 B	Protect and preserve incident scene
PUAOPE016A *	Manage a multi-team sector
PUAFIR501B *	Conduct fire investigation and analysis activities
PUAFIR509B	Implement prevention strategies
PUAOPE007B *	Command agency personnel within a multi-agency emergency response

## Breeding &amp; Propagation

AHCPHT503	Manage a controlled growing environment
FWPFGM521 2	Manage genetic resources
FWPFGM521 5	Breed Trees

## Site Establishment &amp; Maintenance

AHCIRG503	Design irrigation, drainage and water treatment systems
AHCWAT502	Manage water systems
FWPFGM520 1	Plan and manage an inventory program
FWPCOT5206	Implement forestry chain of custody certification system
FWPFGM520 8	Manage road construction and maintenance
FWPFGM521 4	Develop a native forest regeneration plan
FWPFGM521	Promote plantations as a sustainable form of land use

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LGAPLEM40 4A	Prepare and present geographic information systems data
LGAPLEM61 2B	Protect heritage and cultural assets

### Tree Growing & Maintenance

AHCPGD402	Plan a plant establishment program
AHCPMG507	Develop a regional pest management plan
AHCNSY401	Plan a growing-on program
AHCNSY402	Plan a propagation program
AHCWRK505	Manage trial and research material
FWPCOT5205	Develop biohazard contingency plans
FWPFGM521 0	Manage tending operations in a native forest
FWPFGM521 1	Coordinate stand nutrition
FWPFGM521 3	Coordinate plantation tending operations
FWPFGM521 6	Manage coupe planning

### Harvesting

FWPCOT5209	Manage tree harvesting to minimise environmental impact
FWPHAR5201	Design harvesting plans

### Timber Products & Processes

FWPCOT4201	Produce complex truss and frame plans and details using
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	computers
FWPCOT4202	Design timber structures
FWPCOT4205	Coordinate log debarking operations
FWPCOT4206	Plan and coordinate boiler operations
FWPCOT4207	Plan and coordinate heat plant operations
FWPCOT5207	Implement sustainability in the workplace
FWPFGM521 9	Undertake carbon stock sampling of forests and plantations
FWPSAW420 1	Plan and monitor timber treatment plant operations
FWPSAW420 2	Plan and monitor saw log operations
FWPSAW420 3	Coordinate timber drying operations
FWPSAW420 5	Plan and monitor timber conversion
FWPTMM420 2	Diagnose and calculate production costs
FWPTMM420 3	Install and commission CNC software
FWPTMM420 4	Sample and test products to specifications
FWPTMM520 2	Develop, trial and evaluate prototypes

### Competitive Manufacturing

MSS405001	Develop competitive systems and practices for an organisation
MSS405004	Develop business plans in an organisation implementing competitive systems and practices

## Group B

## Machinery &amp; Equipment

FWPCOT5203	Manage installation and commissioning of equipment
FWPCOT5204	Organise enterprise maintenance programs

## Safety &amp; Quality Processes

AHCCHM401	Develop procedures to minimise risks in the use of chemicals
BSBR501	Manage risk
BSBSUS501	Develop workplace policy and procedures for sustainability
FWPCOT5201	Implement sustainable forestry practices
PUAOPE016A *	Manage a multi-team sector
MSS015011	Conduct a sustainability energy audit
MSS405086	Develop sustainable energy practices

## Administration &amp; Business

BSBAUD501	Initiate a quality audit
BSBFIM501	Manage budgets and financial plans
BSBINM501	Manage an information or knowledge management system
LGACOM401 A	Administer contracts
LGACOM409 A	Prepare tender documentation

## Planning &amp; Analysis

BSBINN502	Build and sustain an innovative work environment
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BSBMGT517	Manage operational plan
BSBPMG522	Undertake project work
FWPCOT6209	Manage forest and wood products industry research
PSPGEN062	Collect statistical data

### Training & Assessment

BSBLED501	Develop a workplace learning environment
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### Communication & Relationships

AHCBUS502	Market products and services
FWPCOT5202	Manage forestry information and interpretations programs
FWPCOT5208	Build and maintain community relationships
LGACOM502 B	Devise and conduct community consultations

### Prerequisite requirements

Units listed in the *Prerequisite requirement* column that have their own prerequisite requirements are shown with an asterisk (\*)

Unit of competency	Prerequisite requirement
PUAFIR501B* Conduct fire investigation and analysis activities	PUALAW001B Protect and preserve incident scene
PUAOPE007B Command agency personnel within a multi-agency emergency response	PUAOPE012A Control a Level 1 incident PUAOPE015A Conduct briefings and debriefings
PUAOPE016A Manage a multi-team sector	PUAFIR302B Suppress urban fire OR PUAFIR303B Suppress wildfire



## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP50116 Diploma of Forest and Forest Products Release 4	FWP50116 Diploma of Forest and Forest Products Release 3	Qualification updated to remove eight elective units that have been deleted as part of meeting Skills Ministers' priority of removing training products with low or no enrolments, as agreed by the AISC	Equivalent

## Links

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