



**Australian Government**

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

**Release 2**

# FWP50116 Diploma of Forest and Forest Products

## Modification History

Release	Comments
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 Release 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 be awarded the FWP50116 Diploma of Forest and Forest Products, competency must be achieved in **fifteen (15)** units of competency.

- **six (6)** core units of competency
- **nine (9)** units of competency from the elective group, consisting of:
  - 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

Field	Unit Code	Unit Title
Core	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

### GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Title
Fire Control	PUALAW001B	Protect and preserve incident scene
	PUAOPE016A	Manage a multi-team sector
		<b>Prerequisite</b> PUAFIR302B Suppress urban fire OR PUAFIR303B Suppress wildfire
	PUAFIR501B	Conduct fire investigation and analysis activities

		<b>Prerequisite</b> PUALAW001B Protect and preserve incident scene
	PUAFIR509B	Implement prevention strategies
	PUAOPE007B	Command agency personnel within a multi-agency emergency response
		<b>Prerequisite</b> PUAOPE012A Control a Level 1 incident PUAOPE015A Conduct briefings and debriefings
<b>Breeding &amp; Propagation</b>	AHCPHT503	Manage a controlled growing environment
	FWPFGM5212	Manage genetic resources
	FWPFGM5215	Breed trees
<b>Site Establishment &amp; Maintenance</b>	AHCIRG503	Design irrigation, drainage and water treatment systems
	AHCWAT502	Manage water systems
	FWPFGM5201	Plan and manage an inventory program
	FWPCOT5206	Implement forestry chain of custody certification system
	FWPFGM5208	Manage road construction and maintenance
	FWPFGM5214	Develop a native forest regeneration plan
	FWPFGM5217	Promote plantations as a sustainable form of land use
	LGAPLEM404A	Prepare and present geographic information systems data
	LGAPLEM612B	Protect heritage and cultural assets
<b>Tree Growing &amp; Maintenance</b>	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
	FWPFGM5210	Manage tending operations in a native forest
	FWPFGM5211	Coordinate stand nutrition
	FWPFGM5213	Coordinate plantation tending operations
	FWPFGM5216	Manage coupe planning
<b>Harvesting</b>	FWPCOT5209	Manage tree harvesting to minimise environmental impact
	FWPHAR5201	Design harvesting plans
<b>Timber Products &amp; Processes</b>	FWPCOT4201	Produce complex truss and frame plans and details using computers
	FWPCOT4202	Design timber structures
	FWPCOT4204	Schedule and coordinate load shifting
	FWPCOT4205	Coordinate log debarking operations
	FWPCOT4206	Plan and coordinate boiler operations
	FWPCOT4207	Plan and coordinate heat plant operations
	FWPCOT5207	Implement sustainability in the workplace
	FWPFGM5219	Undertake carbon stock sampling of forests and plantations
	FWPSAW4201	Plan and monitor timber treatment plant operations
	FWPSAW4202	Plan and monitor saw log operations
	FWPSAW4203	Coordinate timber drying operations
	FWPSAW4204	Plan and monitor board conversion
	FWPTMM4202	Diagnose and calculate production costs

	FWPTMM4203	Install and commission CNC software
	FWPTMM4204	Sample and test products to specifications
	FWPTMM5201	Assess product feasibility of designs
	FWPTMM5202	Develop, trial and evaluate prototypes
	FWPTMM5203	Generate and transfer complex computer-aided drawings and specifications
	FWPTMM5204	Manage product design
	FWPTMM5205	Optimise CNC operations
	FWPTMM5206	Plan production
	FWPWPP4201	Plan and coordinate panel production
	FWPWPP4202	Perform laboratory testing
Competitive Manufacturing	MSS405001	Develop competitive systems and practices for an organisation
	MSS405004	Develop business plans in an organisation implementing competitive systems and practices
<b>GROUP B ELECTIVE UNITS</b>		
<b>Field</b>	<b>Unit Code</b>	<b>Unit Title</b>
<b>Machinery &amp; Equipment</b>	FWPCOT5203	Manage installation and commissioning of equipment
	FWPCOT5204	Organise enterprise maintenance programs
<b>Safety &amp; Quality Processes</b>	AHCCHM401	Develop procedures to minimise risks in the use of chemicals
	BSBR5K501	Manage risk
	BSBSUS501	Develop workplace policy and procedures for sustainability
	FWPCOT5201	Implement sustainable forestry practices
	PUAOPE016A	Manage a multi-team sector

		<b>Prerequisite</b> PUAFIR302B Suppress urban fire OR PUAFIR303B Suppress wildfire
	MSS015011	Conduct a sustainability energy audit
	MSS405070	Develop sustainable energy practices
<b>Administration &amp; Business</b>	BSBAUD501	Initiate a quality audit
	BSBFIM501	Manage budgets and financial plans
	BSBINM501	Manage an information or knowledge management system
	LGACOM401A	Administer contracts
	LGACOM409A	Prepare tender documentation
<b>Planning &amp; Analysis</b>	BSBINN502	Build and sustain an innovative work environment
	BSBMGT517	Manage operational plan
	BSBPMG522	Undertake project work
	FWPCOT6209	Manage forest and wood products industry research
	PSPGEN062	Collect statistical data
<b>Training &amp; Assessment</b>	BSBLED501	Develop a workplace learning environment
<b>Communication &amp; Relationships</b>	AHCBUS502	Market products and services
	FWPCOT5202	Manage forestry information and interpretations programs
	FWPCOT5208	Build and maintain community relationships
	LGACOM502B	Devise and conduct community consultations

	LGAEHRR504C	Implement public environmental health education programs
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## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP50116 Diploma of Forest and Forest Products Release 2	FWP50116 Diploma of Forest and Forest Products Release 1	Updated to include revised units and superseded and deleted imported units	Equivalent qualification

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>