Australian Government

FWP50116 Diploma of Forest and Forest Products

Release 3

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Modification History

Release	Comments
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 & Propagation

AHCPHT503	Manage a controlled growing environment
FWPFGM5212	Manage genetic resources
FWPFGM5215	Breed Trees

Site Establishment & Maintenance

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

Skills Impact

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
FWPFGM5210	Manage tending operations in a native forest
FWPFGM5211	Coordinate stand nutrition
FWPFGM5213	Coordinate plantation tending operations
FWPFGM5216	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 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
FWPSAW4205	Plan and monitor timber conversion
FWPTMM4202	Diagnose and calculate production costs
FWPTMM4203	Install and commission CNC software
FWPTMM4204	Sample and test products to specifications
FWPTMM5202	Develop, trial and evaluate prototypes
FWPTMM5203	Generate and transfer complex computer-aided drawings and specifications
FWPTMM5205	Optimise CNC operations
FWPTMM5206	Plan production
FWPTMM5207	Assess timber product designs for feasibility
FWPTMM5208	Manage timber product design
FWPWPP4202	Perform laboratory testing
FWPWPP4203	Plan and coordinate engineered wood panel production

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 & Equipment

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

Safety & Quality Processes

AHCCHM401	Develop procedures to minimise risks in the use of chemicals
BSBRSK501	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 & 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 & Analysis

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

Training & Assessment

BSBLED501	Develop a workplace learning environment

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	PUALAW001B Protect and preserve incident scene

activities	
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 3	FWP50116 Diploma of Forest and Forest Products Release 2	Updated to include revised units and superseded and deleted imported units	Equivalent qualification

Links

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