



Australian Government

FWP40121 Certificate IV in Forest Operations

Release 2

FWP40121 Certificate IV in Forest Operations

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 8.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

Qualification Description

This qualification reflects the job of people who work as managers or crew leaders in forestry contractor businesses.

Individuals with this qualification apply a broad range of specialised skills and knowledge in forest operations management. This includes establishing operational plans for forestry operations and supervising teams involved in implementing operational plans in line with the requirements of a forest management organisation.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 12 units of competency:
 - 2 core units plus
 - 10 elective units.

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

- at least 3 units must be selected from Group A
- at least 3 units must be selected from Group B
- remaining units can be selected from Groups A, B or C and can include up to 2 units from any currently endorsed Training Package or accredited course.

Core Units

FWPCOR4204	Monitor safety, health and environmental requirements in forest and wood products operations
FWPCOR4205	Monitor and improve forestry operations

Elective Units**Group A: Management Systems****Safety, Environment and Quality Management**

AHCOCM401	Protect places of cultural significance
AHCMOM402	Supervise maintenance of property, machinery and equipment
FWPCOR2210	Follow workplace health and safety policies and procedures in forest and wood products operations
FWPCOR3205	Apply safety, health and environmental requirements in forest and wood products operations
FWPCOT4212	Implement environmental management practices to a forestry operation site
FWPCOT4213	Monitor and manage product and service quality in the forest and wood products industry
FWPCOT4217 *	Apply a safety mindset in forestry operations
FWPCOT4225	Apply principles of pneumatics and hydraulics to analyse potential equipment failures
FWPHAR4206	Implement environmental management practices in timber harvesting operations
HLTAID011	Provide First Aid
HLTAID014	Provide advanced First Aid
HLTAID016	Manage first aid services and resources

Business and People Management

FWPCOT4218	Manage business operations of a forestry contractor
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	business
FWPCOT4219	Manage people practices in a forestry contractor business

Group B: Forest Operations Management

Silviculture

AHCCHM404	Develop procedures to minimise risks in the use of chemicals
AHCCHM405	Plan and implement a chemical use program
FWPCOT3348	Fell trees manually (advanced)
FWPSIL4001	Plan for and coordinate forest site preparation operations
FWPSIL4002	Plan for and coordinate thinning operations in a native forest or plantation
FWPSIL4003	Plan for and coordinate stem improvement operations
FWPSIL4004	Plan for and coordinate forest establishment operations
FWPSIL4005	Plan for and coordinate a stand health and nutrition program
FWPSIL4006	Plan for and coordinate a pests and diseases assessment
FWPSIL4007	Plan for and coordinate a regeneration rate assessment
FWPSIL4008	Plan for and coordinate a forest site assessment
FWPSIL4009	Plan for and coordinate tending operations in a native forest or plantation

Timber Harvesting

FWPFRM5007	Process and interpret harvester and forwarder optimisation data
FWPHAR3209	Harvest trees manually (advanced)
FWPHAR4207	Conduct a wood volume and yield assessment
FWPHAR4208	Plan for and coordinate fire salvage operations
FWPHAR4209	Plan for and coordinate forest harvesting operations

FWPHAR4210	Plan for and coordinate log recovery (hook tender)
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Log Haulage

FWPCOT4220	Plan for and coordinate log loading and haulage operations
TLIF0014	Monitor the safety of transport activities (Chain of Responsibility)
TLIF4064	Manage fatigue management policy and procedures

Site Access and Rooding

FWPCOT4214	Plan for and coordinate quarry operations
FWPCOT4215	Plan for and coordinate road construction and maintenance
FWPCOT4216	Plan for and coordinate construction of log landings and snig tracks

Fire Control

FWPFIR3001	Assess fire risk
FWPFIR3002	Apply communication protocols during post-bushfire vegetation clearing and clean-up operations
FWPFIR4001	Conduct tree hazard assessment post-fire
PUAFIR204 *	Respond to wildfire
PUAFIR210	Prevent injury
PUAFIR303 *	Suppress wildfire
PUAFIR402 *	Conduct simple prescribed burns
PUAFIR407	Interpret and analyse fire weather information
PUAFIR417 *	Supervise machinery use in wildfire operations
PUAFIR506 *	Conduct complex prescribed burns

Group C: Other

Stakeholder communication

BSBPMG634	Facilitate stakeholder engagement
FWPCOT3346	Communicate effectively with general public or stakeholders concerned about forest practices

Personal Development

BSBPEF402	Develop personal work priorities
FWPCOT5215	Apply innovative thinking to support forestry best practice

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
FWPCOT4217 Apply a safety mindset in forestry operations	FWPCOR3205 Apply safety, health and environmental requirements in forest and wood products operations or FWPCOR2210 Follow workplace health and safety policies and procedures in forest and wood products operations
PUAFIR204 Respond to wildfire	PUAFIR210 Prevent injury
PUAFIR303 Suppress wildfire	PUAFIR204 Respond to wildfire *
PUAFIR402 Conduct simple prescribed burns	PUAFIR303 Suppress wildfire *
PUAFIR417 Supervise use of machinery in wildfire operations	PUAFIR303 Suppress wildfire *
PUAFIR506 Conduct complex prescribed burns	PUAFIR303 Suppress wildfire *

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP40121 Certificate IV in Forest Operations Release 2	FWP40121 Certificate IV in Forest Operations Release 1	Added units to the elective list	Equivalent

Links

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