Australian Government

FWP20121 Certificate II in Forest Operations

Release: 1

FWP20121 Certificate II in Forest Operations

Modification History

Release	Comments
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 provide support to forest operations in a variety of forestry contexts. It is also designed for learners involved in school-based VET traineeships and other VET in school programs.

Individuals with this qualification apply specialised skills and knowledge relevant to entry-level roles in forest operations. This includes a basic understanding of the industry and the risks involved in forest operations. They are also expected to conduct basic forest operations.

At this level, workers complete tasks under close supervision involving known routines and procedures but variable work tasks in collaboration with others.

This qualification enables specialisations in:

- Forest Nursery Production,
- Silviculture, or
- Timber Harvesting.

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:

- 13 units of competency:
  - 5 core units
  - 8 elective units.

Elective units must ensure the integrity of the alignment between the qualification and Australian Qualification Framework (AQF) and contribute to a valid, industry-supported vocational outcome. Electives can be chosen to provide a general qualification or a qualification with a specialisation.

For the award of the *FWP20121 Certificate II in Forest Operations* choose:

- at least 6 units from the electives in Groups A to H
- up to 2 units from the remaining electives in Groups A to H, or from any currently endorsed Training Package or accredited course.

For the award of the *FWP20121 Certificate II in Forest Operations (Forest Nursery Production)* choose:

- at least 4 units from the electives in Groups B and/or F
- at least 2 units from the electives in Groups A to H, excluding specialisation electives already selected
- up to 2 units from the remaining electives in Groups A to H, or from any currently endorsed Training Package or accredited course.

For the award of the *FWP20121 Certificate II in Forest Operations (Silviculture)* choose:

- at least 4 units from the electives in Groups C and/or F
- at least 2 units from the electives in Groups A to H, excluding specialisation electives already selected
- up to 2 units from the remaining electives in Groups A to H, or from any currently endorsed Training Package or accredited course.

For the award of the *FWP20121 Certificate II in Forest Operations (Timber Harvesting)* choose:

- at least 4 units from the electives in Groups D and/or E
- at least 2 units from the electives in Groups A to H, excluding specialisation electives already selected
- up to 2 units from the remaining electives in Groups A to H, or from any currently endorsed Training Package or accredited course.

Core Units

FWPCOR2206	Work effectively in the forest and wood products industry
FWPCOR2208	Communicate and interact effectively in the forest and wood products industry
FWPCOR2209	Follow environmental protection procedures in forest and wood products operations
FWPCOR2210	Follow workplace health and safety policies and procedures in forest and wood products operations

| FWPCOR2211 | Develop knowledge of the forest and wood products industry |

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: Safety, Environment, Quality and Cultural Heritage

AHCILM201	Maintain cultural places
BSBWHS211	Contribute to the health and safety of self and others
FBPOPR2074	Carry out manual handling tasks
FWPCOT2264	Follow quality and product care procedures in forest and wood products operations
FWPCOT3314	Comply with soil and water protection
FWPCOT3324	Apply cultural heritage protection requirements in forest operations
HLTAID011	Provide First Aid
TLID0020	Shift materials safely using manual handling methods

Group B: Forest Nursery Production Operations

Seed Orchard

| FWPNSY2001 | Collect tree seeds |

Tree Propagation

FWPNSY2002	Cut, sort and set cuttings
FWPNSY2004	Prick out and transplant tree seedlings
FWPNSY2005	Apply tree seed treatment

Tree Stock Quality

| AHCBIO204 | Follow site biosecurity procedures |
| FWPNSY2003 | Follow quality procedures in forest nursery production |

Nursery Equipment

AHCMOM202	Operate tractors
AHCMOM216	Operate side by side utility vehicles
TLILIC0003	Licence to operate a forklift truck
TLID0007	Operate specialised load shifting equipment

Group C: Silviculture Operations

Tree Planting

FWPSIL2002	Plant trees by hand

Tree Pruning

FWPCOT3301	Trim trees using a pole saw
FWPCOT3317	Use chainsaw within a tree
FWPSIL2001	Select and mark trees for tending operations
FWPSIL2003	Prune trees

Forest Health

AHCPMG201	Treat weeds
AHCPMG202	Treat plant pests, diseases and disorders
FWPCOT2266	Operate brush cutter

Forest Inventory

FWPSIL2004	Collect forest data or samples for assessment and analysis
FWPSIL2005	Measure trees

Hand Tree Felling

FWPCOT2253	Fell trees manually (basic)
FWPCOT2254	Maintain chainsaws
FWPCOT2256	Trim and cut felled trees

UTV/ATV Vehicles

FWPCOT2265	Navigate in forest areas
FWPCOT3325	Operate four wheel drive vehicle on unsealed roads
FWPCOT3326	Recover four wheel drive vehicle

Group D: Timber Harvesting Operations

Commercial Manual Tree Felling

FWPHAR2209	Trim and cut harvested trees

Mechanical Tree Felling

FWPHAR2210	Operate a forest machine simulator in a virtual environment

Log Extraction, Landing and Loading

FWPHAR2201	Hook up felled trees (choker)
FWPHAR2202	Perform landing duties (chaser)

Log Sorting, Grading and Marking

FWPCOT2242	Segregate and sort logs
FWPCOT3270	Grade and mark logs

Group E: Fire Control

Bushfire Awareness and Prevention

FWPFIR2001	Follow fire prevention procedures
FWPFIR2002	Detect fire in a native forest or plantation

Bushfire Suppression

PUAEQU001*	Prepare, maintain and test response equipment
PUAFIR017	Work safely around aircraft
PUAFIR204*	Respond to wildfire
PUAFIR210	Prevent injury

PUALAW001	Protect and preserve incident scene
PUAOPE013	Operate communications systems and equipment
PUATEA001	Work in a team

Prescribed Burning

| PUAFIR201* | Assist with prescribed burning |

Group F: Chemical Application

AHCCHM201	Apply chemicals under supervision
AHCCHM304	Transport and store chemicals
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases

Group G: Other Operations

Fencing

| AHCINF202 | Install, maintain and repair farm fencing |

Site Access and Roading

| AHCSAW203 | Conduct erosion and sediment control activities |

In-field Processing

AHCARB212	Operate and maintain stump grinding machines
FWPHAR2208	Operate a mobile chipper/mulcher
FWPCOT2267	Operate mobile hydraulic log splitter

Drone Technology

| AVIY0028 | Operate remotely piloted aircraft in excluded category sub-2 kg operations |

Group H: Personal Effectiveness

| BSBPEF202 | Plan and apply time management |

FSKOCM007	Interact effectively with others at work
FSKRDG007	Read and respond to simple workplace information
FSKWTG006	Write simple workplace information

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
PUAEQU001 Prepare, maintain and test response equipment	PUAFIR210 Prevent injury
PUAFIR201 Assist with prescribed burning	PUAFIR210 Prevent injury
PUAFIR204 Respond to wildfire	PUAFIR210 Prevent injury

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP20121 Certificate II in Forest Operations	FWP20116 Certificate II in Forest Growing and Management	Qualification merged with FWP20216 Certificate II in Harvesting and Haulage Title changed Revised packaging rules and created specialisations to better reflect outcomes Reduced the number of core units by 1 unit Revised the structure (groups) of the elective units Added new units and revised existing units	Not equivalent

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Links

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