

## Modification History

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

FWP3XX21	Certificate III in Forest Operations
<p><b>Qualification Description</b></p> <p>This qualification describes the job of people who operate at a production level in a forest operation.</p> <p>Individuals with this qualification apply specialised skills and knowledge relevant to operational roles in forest operations. This includes applying knowledge of health and safety responsibilities and protecting the environment, including the areas of cultural significance. They are also expected to operate equipment according to workplace procedures and conduct work tasks specific to a forest operation.</p> <p>At this level, workers complete tasks under limited supervision and collaborate with others to meet productivity requirements.</p> <p>This qualification enables specialisations in:</p> <ul style="list-style-type: none"> <li>• Forest Nursery Production,</li> <li>• Silviculture, or</li> <li>• Timber Harvesting and Haulage.</li> </ul> <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>	
<p><b>Entry Requirements</b></p> <p>There are no entry requirements for this qualification.</p>	
<p><b>Packaging Rules</b></p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> <li>• 13 units of competency: <ul style="list-style-type: none"> <li>• 2 core units</li> <li>• 11 elective units.</li> </ul> </li> </ul> <p>Elective units must ensure the integrity of the alignment between the qualification and the 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.</p> <p>For the award of the <i>Certificate III in Forest Operations</i> choose:</p> <ul style="list-style-type: none"> <li>• 1 unit from the electives in group A or 2 units from the electives in Group B</li> <li>• at least 7 units from the electives in Groups C to K</li> <li>• up to 2 units from the remaining electives in Groups C to K, or from any currently endorsed Training Package or accredited course.</li> </ul> <p>For the award of the <i>Certificate III in Forest Operations (Forest Nursery Production)</i> choose:</p> <ul style="list-style-type: none"> <li>• at least 4 units from the electives in Group D and I</li> <li>• at least 5 units from the electives in Groups A to K, excluding specialisation electives already selected</li> <li>• up to 2 units from the remaining electives in Groups A to K, or from any currently endorsed Training Package or accredited course.</li> </ul> <p>For award of the <i>FWP3XX21 Certificate III in Forest Operations (Silviculture)</i> choose:</p> <ul style="list-style-type: none"> <li>• 1 unit from the electives in Group A or 2 units from the electives in Group B</li> <li>• at least 4 units from the electives in Group E and I</li> <li>• at least 3 units from the electives in Groups A to K, excluding specialisation electives already selected</li> <li>• up to 2 units from the remaining electives in Groups A to K, or from any currently endorsed Training Package or accredited course.</li> </ul> <p>For award of the <i>FWP3XX21 Certificate III in Forest Operations (Timber Harvesting and Haulage)</i> choose:</p> <ul style="list-style-type: none"> <li>• 1 unit from the electives in group A or 2 units from the electives in Group B</li> </ul>	

- at least 4 units from the electives in Group F
- at least 3 units from the electives in Groups A to K, excluding specialisation electives already selected
- up to 2 units from the remaining electives in Groups A to K, or from any currently endorsed Training Package or accredited course.

### Core Units

FWPCOR2XXX	Work effectively in the forest and forest products industry
FWPCOR2XXX	Communicate and interact effectively in the workplace

### 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 and Environment (Electives 1)

FWPCOR3XXX	Apply safety, health and environmental policies and procedures
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#### Group B: Safety and Environment (Electives 2)

FWPCOR2xxx	Follow environmental protection procedures
FWPCOR2XXX	Follow health and safety policies and procedures

#### Group C: Safety and Environment (Electives 3)

AHCILM401	Protect places of cultural significance
FWPCOT3312	Implement environmentally sustainable work practices in the work area/work site
FWPCOT3313	Apply biodiversity protection principles
FWPCOT3314	Comply with soil and water protection
FWPCOT3XXX	Follow cultural heritage protection requirements
FWPCOT3311	Use environmental care procedures to undertake fire salvage operations
FWPCOR3XXX	Apply quality and product care procedures
FWPFGM3XXX	Apply a safety mindset in forestry operations
HLTAID001	Provide First Aid
HLTAID009	Provide cardiopulmonary resuscitation
HLTAID014	Provide Advanced First Aid
HLTAID013	Provide First Aid in remote or isolated site

#### Group D: Forest Nursery Production Operations

##### Seed Orchard

FWPFGM3XXX	Maintain seed orchard
FWPFGM3XXX	Identify, evaluate, and mark quality seed trees
FWPFGM3XXX	Extract, clean, store and despatch tree seeds
FWPFGM3XXX	Graft nursery stock for planting in seed orchard

##### Tree propagation

AHCNSY207	Undertake propagation activities
FWPFGM2XXX	Apply tree seed treatment

##### Tree Stock Growing

AHCWRK207	Collect and record production data
FBPVIT3004	Monitor and maintain nursery plants
FWPFGM3XXX	Apply knowledge of tree stock growing in a forest nursery
FWPFGM3XXX	Manage mother plants

##### Nursery Infrastructure

AHCIRG346	Operate pressurised irrigation systems
AHCIRG328	Operate irrigation controller and sensor technology
AHCNSY314	Operate fertigation equipment

FWPFGM3XXX	Operate automated seed sowing line for containerised forest seedling production
FWPFGM3XXX	Operate automated topping system as part of tree production nursery operations
<b>Tree Stock Quality</b>	
AHCBIO303	Apply biosecurity measures
AHCWRK401	Implement and monitor quality assurance procedures
<b>Group E: Silviculture Operations</b>	
<b>Mechanical Site Preparation</b>	
FWPHAR3XXX	Use mechanised equipment for forestry site preparation
<b>Tree Planting</b>	
FWPFGM2XXX	Plant trees mechanically
<b>Forest Pruning</b>	
FWPCOT3301	Trim trees using a pole saw
FWPFGM2XXX	Prune trees
FWPFGM3XXX	Apply sustainable silviculture methods and techniques
<b>Forest Health</b>	
AHCPMG301	Control weeds
AHCPMG302	Control plant pests, diseases and disorders
AHCPMG304	Use firearms to humanely destroy animals
AHCMOM306	Ground spread fertiliser and soil ameliorant
AHCPMG309	Apply pest animal control techniques
<b>Hand Tree Felling</b>	
AHCARB319	Use arborist climbing techniques
AHCARB318	Undertake aerial rescue
FWPCOT3317	Use chainsaw within a tree
FWPFGM3216	Fell trees manually (intermediate)
FWPFGM3217	Fell trees manually (advanced)
FWPHAR3XXX	Apply tree jacking techniques in felling trees
<b>UTV/ATV Vehicles</b>	
FWPCOT2XXX	Navigate in forest areas
FWPCOT3XXX	Operate a four wheel drive on unsealed terrain types
FWPCOT3XXX	Recover four wheel drive vehicle
FWPFGM3XXX	Operate a four wheel drive vehicle in a towing situation
FWPFGM3XXX	Perform complex four wheel drive operations
<b>Group F: Timber Harvesting and Haulage Operations</b>	
<b>Commercial Manual Tree Felling</b>	
FWPHAR3205	Harvest trees manually (intermediate)
FWPHAR3209	Harvest trees manually (advanced)
<b>Mechanical Tree Felling</b>	
FWPHAR3226	Operate feller buncher
FWPHAR3229	Operate single grip harvester
FWPHAR3XXX	Conduct mechanical processor operations
FWPHAR3XXX	Conduct mechanically assisted tree falling operations
FWPHAR3232	Operate harvesting machine with winch-assist system
<b>Log Extraction, Landing and Loading</b>	
FWPHAR3227	Operate forwarder
FWPHAR3230	Operate skidder
FWPHAR3225	Operate excavator with log grapple
FWPHAR3224	Operate crawler tractor

FWPHAR3212	Operate yarder
FWPHAR3202	Monitor log recovery (rigging slinger)
FWPHAR3XXX	Coordinate log recovery (hook tender)
FWPHAR3228	Operate loader
TLILIC0002	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
<b>Log Sorting, Grading and Marking</b>	
FWPCOT3270	Grade and mark logs
FWPCOR3XXX	Assess materials visually
<b>Haulage</b>	
FWPCOT3315	Transport forestry logs using trucks
FWPCOT3316	Transport forestry produce using trucks
TLIH2001	Interpret road maps and navigate pre-determined routes
TLIF2010	Apply fatigue management strategies
<b>Technology and Digital Data</b>	
FWPCOT3318	Access, capture and communicate forestry field data using mobile devices
FWPCOT3319	Read and interpret digital maps and forest operation plans
FWPHAR3223	Use on-board computer systems for single grip harvester
FWPHAR3222	Use on-board computer systems for forwarder
<b>Equipment Maintenance</b>	
FWPCOT3224	Plan and monitor equipment maintenance
AHCMOM301	Coordinate machinery and equipment maintenance and repair
<b>Group G: Site Access and Roding</b>	
AHCSAW304	Implement erosion and sediment control measures
FWPCOT3306	Rehabilitate tracks, quarries and landings
FWPFGM3208	Construct and maintain forest roads and tracks
RIIMPO320F	Conduct civil construction excavator operations
RIIMPO321F	Conduct civil construction wheeled front end loader operations
RIIMPO323E	Conduct civil construction dozer operations
RIIMPO324F	Conduct civil construction grader operations
RIIVEH304E	Conduct tip truck operations
RIIMPO317F	Conduct roller operations
RIIMPO315E	Conduct tractor operations
RIIMPO318F	Conduct civil construction skid steer loader operations
RIIMPO319E	Conduct backhoe/loader operations
RIIMPO322E	Conduct civil construction tracked front end loader operations
RIIHAM308F	Load and unload plant
<b>Group H: Fire Control</b>	
<b>Bushfire Awareness and Prevention</b>	
FWPCOR3XXX	Assess fire risk
FWPCOR2204	Follow fire prevention procedures
AHCWRK302	Monitor weather conditions
PUAFIR323	Take local weather observations
<b>Bushfire Suppression</b>	
PUAEQU001*	Prepare, maintain and test response equipment
PUAFIR215	Prevent injury
PUAFIR309*	Operate pumps
PUAFIR203	Respond to urban fire
PUAFIR220	Respond to isolated structure fire
PUAFIR205	Respond to aviation incident
PUAFIR204*	Respond to wildfire
PUAFIR303*	Suppress wildfire

PUALAW002	Conduct initial investigation at incident scene
PUAWHS002*	Maintain safety at an incident scene
PUATEA001	Work in a team
PUATEA002*	Work autonomously
PUAFIR325	Operate heavy plant in forest fire control operations
PUAFIR326	Push Trees with machines in forest fire control operations
PUAOPE014	Navigate to an incident
<b>Prescribed Burning</b>	
AHCFIR201	Assist with prescribed burning
<b>Group I: Chemical Application</b>	
AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases
AHCCHM304	Transport and store chemicals
<b>Group J: Other Forestry Operations</b>	
<b>Fencing</b>	
AHCINF303	Plan and construct conventional fencing
AHCLSC304	Erect timber structures and features
<b>In-field Wood Chipping</b>	
FWPHAR3203	Operate integrated or split flail and wood chipper with crane
FWPHAR3204	Operate split flail and wood chipper fed by mobile machine
<b>Group K: Personal Effectiveness</b>	
BSBTWK201	Work effectively with others
BSBLDR301	Support effective workplace relationships
<b>Prerequisite requirements</b>	
Units listed in the <i>Prerequisite requirement</i> column that have their own prerequisite requirements are shown with an asterisk (*)	
<b>Unit of competency</b>	<b>Prerequisite requirement</b>
PUAEQU001 Prepare, maintain and test response equipment	PUAFIR210 Prevent injury
PUAFIR203 Respond to urban fire	PUAFIR207 Operate breathing apparatus open circuit
PUAFIR204 Respond to wildfire	PUAFIR210 Prevent injury
PUAFIR205 Respond to aviation incident	PUAFIR203 Respond to urban fire
PUAFIR220 Respond to isolated structure fire	PUAFIR210 Prevent injury
PUAFIR303 Suppress wildfire	PUAFIR204 Respond to wildfire
PUAFIR309 Operate pumps	PUAEQU001 Prepare, maintain and test response equipment And one of the following units: PUAFIR203 Respond to urban fire PUAFIR220 Respond to isolated structure fire PUAFIR204 Respond to wildfire PUAFIR205 Respond to aviation incident
PUAFIR402 Conduct simple prescribed burns	PUAFIR303 Suppress wildfire*
PUAFIR406 Develop simple prescribed burn plans	PUAFIR303 Suppress wildfire*
PUATEA002 Work autonomously	PUATEA001 Work in a team
PUAWHS002 Maintain safety at an incident scene	PUAFIR210 Prevent injury



<b>Qualification Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWP3XX21 Certificate III in Forest Operations	FWP30116 Certificate III in Forest Growing and Management  FWP30216 Certificate III in Harvesting and Haulage		Not equivalent
<b>Links</b>			
Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</a>			