

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 |
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| Qualification Description <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"> • Forest Nursery Production, • Silviculture, or • Timber Harvesting and Haulage. <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p> | |
| Entry Requirements <p>There are no entry requirements for this qualification.</p> | |
| Packaging Rules <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> • 13 units of competency: <ul style="list-style-type: none"> • 2 core units • 11 elective units. <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"> • 1 unit from the electives in group A or 2 units from the electives in Group B • at least 7 units from the electives in Groups C to K • up to 2 units from the remaining electives in Groups C to K, or from any currently endorsed Training Package or accredited course. <p>For the award of the <i>Certificate III in Forest Operations (Forest Nursery Production)</i> choose:</p> <ul style="list-style-type: none"> • at least 4 units from the electives in Group D and I • at least 5 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. <p>For award of the <i>FWP3XX21 Certificate III in Forest Operations (Silviculture)</i> choose:</p> <ul style="list-style-type: none"> • 1 unit from the electives in Group A or 2 units from the electives in Group B • at least 4 units from the electives in Group E and I • 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. <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"> • 1 unit from the electives in group A or 2 units from the electives in Group B | |

- 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

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| 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)

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

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

Group C: Safety and Environment (Electives 3)

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| 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

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| 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

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| AHCNSY207 | Undertake propagation activities |
| FWPFGM2XXX | Apply tree seed treatment |

Tree Stock Growing

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| 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

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

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| FWPFGM3XXX | Operate automated seed sowing line for containerised forest seedling production |
| FWPFGM3XXX | Operate automated topping system as part of tree production nursery operations |
| Tree Stock Quality | |
| AHCBIO303 | Apply biosecurity measures |
| AHCWRK401 | Implement and monitor quality assurance procedures |
| Group E: Silviculture Operations | |
| Mechanical Site Preparation | |
| FWPHAR3XXX | Use mechanised equipment for forestry site preparation |
| Tree Planting | |
| FWPFGM2XXX | Plant trees mechanically |
| Forest Pruning | |
| FWPCOT3301 | Trim trees using a pole saw |
| FWPFGM2XXX | Prune trees |
| FWPFGM3XXX | Apply sustainable silviculture methods and techniques |
| Forest Health | |
| 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 |
| Hand Tree Felling | |
| 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 |
| UTV/ATV Vehicles | |
| 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 |
| Group F: Timber Harvesting and Haulage Operations | |
| Commercial Manual Tree Felling | |
| FWPHAR3205 | Harvest trees manually (intermediate) |
| FWPHAR3209 | Harvest trees manually (advanced) |
| Mechanical Tree Felling | |
| 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 |
| Log Extraction, Landing and Loading | |
| FWPHAR3227 | Operate forwarder |
| FWPHAR3230 | Operate skidder |
| FWPHAR3225 | Operate excavator with log grapple |
| FWPHAR3224 | Operate crawler tractor |

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| 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) |
| Log Sorting, Grading and Marking | |
| FWPCOT3270 | Grade and mark logs |
| FWPCOR3XXX | Assess materials visually |
| Haulage | |
| 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 |
| Technology and Digital Data | |
| 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 |
| Equipment Maintenance | |
| FWPCOT3224 | Plan and monitor equipment maintenance |
| AHCMOM301 | Coordinate machinery and equipment maintenance and repair |
| Group G: Site Access and Roding | |
| 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 |
| Group H: Fire Control | |
| Bushfire Awareness and Prevention | |
| FWPCOR3XXX | Assess fire risk |
| FWPCOR2204 | Follow fire prevention procedures |
| AHCWRK302 | Monitor weather conditions |
| PUAFIR323 | Take local weather observations |
| Bushfire Suppression | |
| 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 |
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| 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 |
| Prescribed Burning | |
| AHCFIR201 | Assist with prescribed burning |
| Group I: Chemical Application | |
| AHCCHM307 | Prepare and apply chemicals to control pest, weeds and diseases |
| AHCCHM304 | Transport and store chemicals |
| Group J: Other Forestry Operations | |
| Fencing | |
| AHCINF303 | Plan and construct conventional fencing |
| AHCLSC304 | Erect timber structures and features |
| In-field Wood Chipping | |
| FWPHAR3203 | Operate integrated or split flail and wood chipper with crane |
| FWPHAR3204 | Operate split flail and wood chipper fed by mobile machine |
| Group K: Personal Effectiveness | |
| BSBTWK201 | Work effectively with others |
| BSBLDR301 | Support effective workplace relationships |
| Prerequisite requirements | |
| Units listed in the <i>Prerequisite requirement</i> 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 |
| 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 |

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