Modification History

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| Release | Comments |
| Release 2 | This version released with FWP Forest and Wood Products Training Package Version 9.0. |
| Release 1 | This version released with FWP Forest and Wood Products Training Package Version 8.0. |

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| FWP30122 | Certificate III in Forest Operations |
| Qualification DescriptionThis qualification describes the job of people who operate at a production level in a forest operation.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.At this level, workers complete tasks under limited supervision and collaborate with others to meet productivity requirements.This qualification enables specialisations in:* Forest Nursery Production,
* Silviculture, or
* Timber Harvesting and Haulage.

No licensing, legislative or certification requirements apply to this qualification at the time of publication. |
| Entry RequirementsThere are no entry requirements for this qualification. |

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| Packaging RulesTo achieve this qualification, competency must be demonstrated in:* 13 units of competency:

2 core units plus11 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. Electives can be chosen to provide a general qualification or a qualification with a specialisation.For the award of the FWP30122 Certificate III in Forest Operations choose:* 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.

For the award of the FWP30122 Certificate III in Forest Operations (Forest Nursery Production) choose:* at least 4 units from the electives in Groups D and/or 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.

For award of the FWP30122 Certificate III in Forest Operations (Silviculture) choose:* 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 Groups E and/or I
* at least 3 units from the electives in Groups C to K, excluding specialisation electives already selected
* up to 2 units from the remaining electives in Groups C to K, or from any currently endorsed Training Package or accredited course.

For award of the FWP30122 Certificate III in Forest Operations (Timber Harvesting and Haulage) choose:* 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 C to K, excluding specialisation electives already selected
* up to 2 units from the remaining electives in Groups C to K, or from any currently endorsed Training Package or accredited course.

Core Units

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| --- | --- |
| FWPCOR2206 | Work effectively in the forest and wood products industry |
| FWPCOR2208 | Communicate and interact effectively in the forest and wood products industry |

Elective UnitsAn 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

|  |  |
| --- | --- |
| FWPCOR3205 | Apply safety, health and environmental requirements in forest and wood products operations |

Group B Safety and Environment

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| --- | --- |
| 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 |

Group C Safety and Environment

|  |  |
| --- | --- |
| AHCOCM401 | Protect places of cultural significance |
| FWPCOT3311 | Use environmental care procedures to undertake fire salvage operations |
| FWPCOT3312 | Implement environmentally sustainable work practices in the work area/work site |
| FWPCOT3313 | Apply biodiversity protection principles |
| FWPCOT3314 | Comply with soil and water protection |
| FWPCOT3321 \* | Apply situational awareness and a safety mindset in operational forestry roles |
| FWPCOT3322 | Apply quality and product care procedures in forest and wood products operations |
| FWPCOT3324 | Apply cultural heritage protection requirements in forest operations |
| HLTAID009 | Provide cardiopulmonary resuscitation |
| HLTAID011 | Provide First Aid |
| HLTAID013 | Provide First Aid in remote or isolated site |
| HLTAID014 | Provide Advanced First Aid |

**Group D Forest Nursery Production Operations****Seed Orchard**

|  |  |
| --- | --- |
| FWPNSY3001 | Graft nursery stock for planting in seed orchard |
| FWPNSY3002 | Extract, clean, store and despatch tree seeds |
| FWPNSY3004 | Identify, evaluate and mark quality seed trees |
| FWPNSY3005 | Maintain seed orchard |

**Tree Propagation**

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| --- | --- |
| AHCNSY207 | Undertake propagation activities |
| FWPNSY2005 | Apply tree seed treatment |

**Tree Stock Growing**

|  |  |
| --- | --- |
| AHCWRK215 | Collect and record production data |
| FBPVIT3004 | Monitor and maintain nursery plants |
| FWPNSY3003 | Apply knowledge of tree stock growing in a forest nursery |
| FWPNSY3006 | Manage mother plants |

**Nursery Infrastructure**

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| --- | --- |
| AHCIRG328 | Operate irrigation controller and sensor technology |
| AHCIRG346 | Operate pressurised irrigation systems |
| AHCNSY314 | Operate fertigation equipment |
| FWPNSY3007 | Operate automated topping system as part of tree production nursery operations |
| FWPNSY3008 | Operate automated seed sowing line for containerised forest seedling production |

**Tree Stock Quality**

|  |  |
| --- | --- |
| AHCBIO303 | Apply biosecurity measures |
| AHCWRK404 | Implement quality assurance procedures |

**Group E Silviculture Operations****Mechanical Site Preparation**

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| --- | --- |
| FWPSIL3003 | Use mechanised equipment for forestry site preparation |

Tree Planting

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| --- | --- |
| FWPSIL3002 | Plant trees mechanically |

**Forest Pruning**

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| --- | --- |
| FWPCOT3301 | Trim trees using a pole saw |
| FWPSIL2003 | Prune trees |
| FWPSIL3001 | Apply sustainable silviculture treatments |

**Forest Health**

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| --- | --- |
| AHCMOM306 | Ground spread fertiliser and soil ameliorant |
| AHCPMG301 | Control weeds |
| AHCPMG302 | Control plant pests, diseases and disorders |
| AHCPMG304 | Use firearms to humanely destroy animals  |
| AHCPMG309 | Apply pest animal control techniques  |

**Hand Tree Felling**

|  |  |
| --- | --- |
| AHCARB318 \* | Undertake aerial rescue |
| AHCARB319 | Use arborist climbing techniques |
| FWPCOT3317 | Use chainsaw within a tree |
| FWPCOT3330 | Apply tree jacking techniques in felling trees |
| FWPCOT3350 | Fell trees manually (intermediate) |
| FWPCOT3351 | Fell trees manually (advanced) |

**UTV/ATV Vehicles**

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| --- | --- |
| FWPCOT2265 | Navigate in forest areas |
| FWPCOT3325 | Operate four wheel drive vehicle on unsealed roads |
| FWPCOT3326 | Recover four wheel drive vehicle |
| FWPCOT3328 | Operate four wheel drive vehicle in a towing situation |
| FWPCOT3329 | Perform complex four wheel drive operations |

**Group F Timber Harvesting and Haulage Operations****Commercial Manual Tree Felling**

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| --- | --- |
| FWPHAR3205 | Harvest trees manually (intermediate) |
| FWPHAR3209 | Harvest trees manually (advanced) |

**Mechanical Tree Felling**

|  |  |
| --- | --- |
| FWPHAR3226 | Operate feller buncher |
| FWPHAR3229 | Operate single grip harvester |
| FWPHAR3232 | Operate harvesting machine with winch-assist system |
| FWPHAR3234 | Conduct mechanical processor operations |
| FWPHAR3235 | Conduct mechanically assisted tree falling operations |

**Log Extraction, Landing and Loading**

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| --- | --- |
| FWPHAR3202 | Monitor log recovery (rigging slinger) |
| FWPHAR3212 | Operate yarder |
| FWPHAR3224 | Operate crawler tractor |
| FWPHAR3225 | Operate excavator with log grapple |
| FWPHAR3227 | Operate forwarder |
| FWPHAR3228 | Operate loader |
| FWPHAR3230 | Operate skidder |
| TLILIC0024 | Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above) |

**Log Sorting, Grading and Marking**

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| FWPCOT3270 | Grade and mark logs |
| FWPCOT3323 | Assess wood materials visually |

**Haulage**

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| --- | --- |
| FWPCOT3315 | Transport forestry logs using trucks |
| FWPCOT3316 | Transport forestry produce using trucks |
| TLIH0005 | Interpret road maps and navigate pre-determined routes |
| TLIF2010 | Apply fatigue management strategies |

**Technology and Digital Data**

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| --- | --- |
| FWPCOT3318 | Access, capture and communicate forestry field data using mobile devices |
| FWPCOT3319 | Read and interpret digital maps and forest operation plans |
| FWPHAR3222 | Use on-board computer systems for forwarder |
| FWPHAR3223 | Use on-board computer systems for single grip harvester |

**Equipment Maintenance**

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| AHCMOM301 | Coordinate machinery and equipment maintenance and repair |
| FWPCOT3335 | Conduct operator level equipment maintenance in forest and wood products industry |

**Group G Site Access and Roading**

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| AHCSAW304 | Implement erosion and sediment control measures |
| FWPCOT3306 | Rehabilitate tracks, quarries and landings |
| FWPFGM3208 | Construct and maintain forest roads and tracks |
| RIIHAN308F | Load and unload plant |
| RIIMPO315E | Conduct tractor operations |
| RIIMPO317F | Conduct roller operations |
| RIIMPO318F | Conduct civil construction skid steer loader operations |
| RIIMPO319E | Conduct backhoe/loader operations |
| RIIMPO320F | Conduct civil construction excavator operations |
| RIIMPO321F | Conduct civil construction wheeled front end loader operations |
| RIIMPO322E | Conduct civil construction tracked front end loader operations |
| RIIMPO323E | Conduct civil construction dozer operations |
| RIIMPO324F | Conduct civil construction grader operations |
| RIIVEH304E | Conduct tip truck operations |
| AHCSAW304 | Implement erosion and sediment control measures |
| FWPCOT3306 | Rehabilitate tracks, quarries and landings |
| FWPFGM3208 | Construct and maintain forest roads and tracks |
| RIIHAN308F | Load and unload plant |

**Group H Fire Control** **Bushfire Awareness and Prevention**

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| --- | --- |
| AHCWRK314 | Monitor weather conditions |
| FWPFIR2001 | Follow fire prevention procedures |
| FWPFIR3001 | Assess fire risk |
| FWPFIR3002 | Apply communication protocols during post-bushfire vegetation clearing and clean-up operations |
| FWPFIR4001 | Conduct tree hazard assessment post-fire |
| PUAFIR323 | Take local weather observations |

**Bushfire Suppression**

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| --- | --- |
| PUAEQU001 \* | Prepare, maintain and test response equipment |
| PUAFIR203 \* | Respond to urban fire |
| PUAFIR204 \* | Respond to wildfire |
| PUAFIR205 \* | Respond to aviation incident (specialist) |
| PUAFIR207 \* | Operate breathing apparatus open circuit |
| PUAFIR210 | Prevent injury |
| PUAFIR220 \* | Respond to isolated structure fire |
| PUAFIR303 \* | Suppress wildfire |
| PUAFIR309 \* | Operate pumps |
| PUAFIR325 | Operate heavy plant in fire control operations |
| PUAFIR326 | Push trees with machines in forest fire control operations |
| PUALAW002 | Conduct initial investigation at incident scene |
| PUAOPE014 | Navigate to an incident |
| PUATEA001 | Work in a team |
| PUATEA002 \* | Work autonomously |
| PUAWHS002 \* | Maintain safety at an incident scene |
| RIIPGP201D | Conduct pump operations |

**Prescribed Burning**

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| --- | --- |
| PUAFIR201 \* | Assist with prescribed burning |

**Group I Chemical Application**

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| AHCCHM304 | Transport and store chemicals |
| AHCCHM307 | Prepare and apply chemicals to control pest, weeds and diseases |

**Group J: Other Forestry Operations****Fencing**

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| AHCINF307 | Plan and construct conventional fencing |
| AHCLSC318 | Erect timber structures and features |

**In-field Wood Chipping**

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| 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**

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| BSBLDR301 | Support effective workplace relationships |
| BSBTWK201 | Work effectively with others |
| FWPCOT3346 | Communicate effectively with general public or stakeholders concerned about forest practices |

Prerequisite Units

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| --- | --- |
| Unit of competency | Prerequisite requirement |
| AHCARB318 Undertake aerial rescue | HLTAID011 Provide First AidAHCARB319 Use arborist climbing techniques |
| FWPCOT3321 Apply situational awareness and a safety mindset in operational forestry roles | FWPCOR3205 Apply safety, health and environmental requirements in forest and wood products operationsorFWPCOR2210 Follow workplace health and safety policies and procedures in forest and wood products operations |
| PUAEQU001 Prepare, maintain and test response equipment | PUAFIR210 Prevent injury |
| PUAFIR201 Assist with prescribed burning | 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 (specialist) | PUAFIR203 Respond to urban fire \* |
| PUAFIR207 Operate breathing apparatus open circuit | PUAFIR210 Prevent injury |
| 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 \*PUAFIR204 Respond to wildfire \*PUAFIR205 Respond to aviation incident (specialist) \*PUAFIR220 Respond to isolated structure fire \* |
| PUATEA002 Work autonomously | PUATEA001 Work in a team |
| PUAWHS002 Maintain safety at an incident scene | PUAFIR210 Prevent injury |

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| Qualification Mapping Information

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| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FWP30122 Certificate III in Forest OperationsRelease 2 | FWP30122 Certificate III in Forest OperationsRelease 1 | New code for elective units | Equivalent |

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