Modification History

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

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| FWP3XX22 | Certificate III in Timber and Wood Products Operations |
| Qualification Description  This qualification describes the skills and knowledge required by people who work in production level jobs in timber or wood product production facilities.  Individuals with this qualification apply specialised skills and knowledge to perform a variety of production roles. These include generic workplace skills in areas such as maintaining personal and team performance, problem solving and complying with health, safety, quality and chain of custody and environmental standards. In addition, people working at this level also hold specialised technical skills in areas such as equipment operation and maintenance, process monitoring, product testing and grading. These individuals also understand the timber or wood products production process and workflow in timber or wood products production environments.  At this level, workers complete tasks under limited supervision and collaborate with others to meet productivity requirements.  This qualification includes specialisations in:   * Timber Production * Glue Laminated Timber or Cross Laminated Timber Production * Plywood or Laminated Veneer Lumber Production * Reconstituted Wood Panel Production.   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: * 2 core units * 11 elective units.   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.  For the award of the FWP3XX22 Certificate III in Timber and Wood Products Operations choose:   * at least 5 units from the electives in Group A * at least 4 units from the electives in Groups B to H * remaining units can be selected from Groups A to H and can include up to 2 units from any currently endorsed Training Package or accredited course.   For the award of the FWP3XX22 Certificate III in Timber and Wood Products Operations (Timber Production) choose:   * at least 5 units from the electives in Group A * at least 4 units from the electives in Groups B and/or G * remaining units can be selected from Groups A to H and can include up to 2 units from any currently endorsed Training Package or accredited course.   For the award of the FWP3XX22 Certificate III in Timber and Wood Products Operations (Glue Laminated Timber or Cross Laminated Timber Production) choose:   * at least 5 units from the electives in Group A * 1 unit from the electives in Group C * at least 3 units from the electives in Groups G * remaining units can be selected from Groups A to H and can include up to 2 units from any currently endorsed Training Package or accredited course.   For the award of the FWP3XX22 Certificate III in Timber and Wood Products Operations (Plywood or Laminated Veneer Lumber Production) choose:   * at least 5 units from the electives in Group A * 2 units from the electives in Groups D * at least 2 units from the electives in Group G * remaining units can be selected from Groups A to H and can include up to 2 units from any currently endorsed Training Package or accredited course.   For the award of the FWP3XX22 Certificate III in Timber and Wood Products Operations (Reconstituted Wood Panel Production) choose:   * at least 5 units from the electives in Group A * 1 unit from the electives in Group E * at least 3 units from the electives in Group G * remaining units can be selected from Groups A to H and can include up to 2 units from any currently endorsed Training Package or accredited course.   Core Units   |  |  | | --- | --- | | FWPCOR3205 | Apply safety, health and environmental requirements in forest and wood products operations | | FWPCOT3322 | Apply quality and product care procedures in forest and wood products operations |   Elective Units  Group A: Quality processes  Production effectiveness   |  |  | | --- | --- | | BSBXTW301 | Work in a team | | FWPCOR2208 | Communicate and interact effectively in the forest and wood products industry | | MSMOPS212 | Use organisation computers or data systems | | MSMSUP200 | Achieve work outcomes |   Competitive systems and practices   |  |  | | --- | --- | | MSMSUP291 | Participate in continuous improvement | | MSMSUP390 | Use structured problem-solving tools | | MSS402040 | Apply 5S procedures |   Process monitoring   |  |  | | --- | --- | | FWPCOT3323 | Assess wood materials visually | | MSMSUP230 | Monitor process operations |   Equipment maintenance   |  |  | | --- | --- | | FWPCOT3XXX | Conduct operator level equipment maintenance in forest and wood products industry | | MSMSUP240 | Undertake minor maintenance | | MSMSUP303 | Identify equipment faults |   Chain of custody   |  |  | | --- | --- | | FWPCOT3XXX | Develop knowledge of chain of custody requirements for forest and wood products |   Grading and testing   |  |  | | --- | --- | | [FWPCOT3270](https://training.gov.au/Training/Details/FWPCOT3270) | Grade and mark logs | | FWPCOT2249 | Visually stress grade hardwood | | FWPCOT2250 | Visually stress grade softwood | | FWPCOT2251 | Visually stress grade cypress | | FWPCOT3XXX | Grade wood product visually | | FWPTMM4XXX | Test finger jointed timber | | FWPTMM4XXX | Test laminated wood product | | MSL973022 | Conduct laboratory-based acceptance tests for construction materials | | MSMSUP292 | Sample and test materials and product |   Group B: Timber production  Product and process optimisation   |  |  | | --- | --- | | FWPCOT3290 | Apply knowledge of timber properties, sawmill operations and sawmilling equipment | | FWPCOT3291 | Apply principles of timber and process optimisation in sawmill operations | | FWPCOT3292 | Calibrate and maintain scanning equipment used in sawmilling operations | | FWPCOT3293 | Use scanning equipment for timber grading |   Log sawing   |  |  | | --- | --- | | FWPSAW3XXX | Control and monitor automated green mill saw line | | FWPSAW3XXX | Operate conventional log breakdown saw lines | | FWPSAW3XXX | Select and saw logs in multispecies operations |   Timber stacking   |  |  | | --- | --- | | FWPCOT3320 | Build and maintain timber stacks | | FWPCOT3297 | Operate automated stacking equipment |   Timber drying   |  |  | | --- | --- | | FWPSAW3XXX | Operate timber drying kiln |   Saw knives and blades maintenance   |  |  | | --- | --- | | FWPCOT3271 | Hand sharpen knives and blades for commercial and domestic cutting services | | FWPCOT3280 | Replace saw blades, knives and guides | | FWPCOT3282 | Assess and maintain saw blade and sawing machine performance | | FWPCOT3283 | Sharpen and position blades or knives in chipper, canter and reducer | | FWPCOT3295 | Assess and maintain cutter performance | | FWPSAW3233 | Sharpen circular saw blades | | FWPSAW3234 | File and set saw blades for hand saws and circular saws | | FWPCOT3276 | Sharpen cutters using a straight knife grinder |   Group C: Glue laminated timber or cross laminated timber production   |  |  | | --- | --- | | FWPTMM3XXX | Develop knowledge of glue laminated timber or cross laminated timber production |   Group D: Plywood or laminated veneer lumber production   |  |  | | --- | --- | | FWPTMM3XXX | Develop knowledge of veneer preparation in plywood or laminated veneer lumber production | | FWPTMM3XXX | Develop knowledge of plywood or laminated veneer lumber production |   Group E: Reconstituted wood panel production   |  |  | | --- | --- | | FWPTMM3XXX | Develop knowledge of reconstituted wood panel production |   Group F: Other wood products operations  Wood chips   |  |  | | --- | --- | | FWPCOT3XXX | Screen wood chips | | FWPCOT3XXX | Transfer wood chips | | FWPCOT3XXX | Assess wood chips | | FWPCOT3XXX | Coordinate and monitor wood chip stockpile |   Poles and posts   |  |  | | --- | --- | | UETDRAI004 | Treat poles |   Wood pallets   |  |  | | --- | --- | | FWPCOT2257 | Use hand-held tools | | FWPCOT2258 | Assemble products |   Prefabricated timber building systems   |  |  | | --- | --- | | FWPTMM3208 | Apply critical workplace processes in the manufacture of prefabricated timber building systems | | FWPTMM3209 | Install prefabricated timber building systems on-site |   Group G: Common electives  Log yard   |  |  | | --- | --- | | AHCMOM207 | Conduct front-end loader operations | | FWPCOT3XXX | Apply knowledge of log yard operations | | TLID2022 | Conduct weighbridge operations |   Timber preservation   |  |  | | --- | --- | | FWPSAW3242 | Treat timber |   Finger jointing   |  |  | | --- | --- | | FWPCOT3XXX | Operate timber finger jointing line | | FWPCOT3XXX | Set up and maintain timber finger jointing line |   Gluing   |  |  | | --- | --- | | FWPCOT3XXX | Assess glues and gluing systems used in production of wood products |   Dressing   |  |  | | --- | --- | | FWPCOT2244 | Operate and maintain a thicknesser | | FWPCOT3272 | Set up and run multi-head moulder/planer to produce simple profiles | | FWPCOT3273 | Set up and run multi-head moulder to produce complex profiles | | FWPTMM3XXX | Plane and sand engineered wood products | | FWPTMM2204 | Machine material |   Cutting to dimensions   |  |  | | --- | --- | | FWPCOT2XXX | Cut timber or engineered wood product to length or dimensions | | FWPCOT2XXX | Operate and maintain a table saw | | FWPCOT2263 | Cross cut materials with a fixed saw | | FWPCOT3XXX | Re-saw green timber | | FWPCOT3274 | Cut timber products using high-speed optimiser | | FWPTMM2205 | Cut material to length and angles |   Machining   |  |  | | --- | --- | | FWPCOT2262 | Cut material to shape using a saw | | FWPCOT3275 | Set up, operate and maintain end matching machines | | FWPCOT3299 | Cut timber or engineered wood product to profile | | FWPTMM3211 | Manufacture using joinery machines |   CNC machining   |  |  | | --- | --- | | FWPCOT3234 | Cut material using CNC sizing machines | | FWPCOT3XXX | Machine timber or engineered wood products using CNC machining and processing centres | | FWPCOT3289 | Load and prove operating program for CNC machine |   Load handling   |  |  | | --- | --- | | AHCMOM207 | Conduct front-end loader operations | | AHCMOM209 | Conduct dozer operations | | [AHCMOM208](https://training.gov.au/Training/Details/AHCMOM208) | Conduct excavator operations | | TLILIC0003 | Licence to operate a forklift truck | | TLID0015 | Load and unload goods/cargo | | TLID1001 | Shift materials safely using manual handling methods | | TLID3011 | Conduct specialised forklift operations |   Energy generation   |  |  | | --- | --- | | FWPCOT3XXX | Conduct steam boiler operations | | FWPCOT3XXX | Conduct heat plant operations |   Storage and despatch   |  |  | | --- | --- | | FWPCOT4211 | Monitor stock control procedures | | FWPCOT3310 | Prepare timber or related products to meet import/export compliance requirements | | TLIA0015 | Organise receival and despatch operations |   Group H: Other electives   |  |  | | --- | --- | | FWPCOT3302 | Access and provide timber and wood product information | | FWPCOT3312 | Implement environmentally sustainable work practices in the work area/work site | | FWPCOT3325 | Operate four wheel drive vehicle on unsealed roads | | FWPCOT3326 | Recover four wheel drive vehicle | | FWPCOT3327 | Contribute to energy efficiency in the forest and wood products industry | | FWPCOT3328 | Operate four wheel drive vehicle in a towing situation | | FWPSAW3XXX | Assemble, operate and dismantle portable sawmill | | HLTAID011 | Provide First Aid | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | FWP3XX22 Certificate III in Timber and Wood Products Operations | FWP30316 Certificate III in Sawmilling and Processing | Qualification merged with FWP30516 Certificate III in Timber Manufactured Products  Title changed  Revised packaging rules and created specialisations to better reflect outcomes  Reduced the number of core units  Revised the structure (groups) of the elective units  Imported elective units from other training packages  Added new units and revised existing units | Not equivalent | | FWP3XX22 Certificate III in Timber and Wood Products Operations | FWP30516 Certificate III in Timber Manufactured Products | Qualification merged with Certificate III in Sawmilling and Processing  Title changed  Revised packaging rules and created specialisations to better reflect outcomes  Reduced the number of core units  Revised the structure (groups) of the elective units  Imported elective units from other training packages  Added new units and revised existing units | 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> |