

Modification History

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

FWP3XX22	Certificate III in Timber and Wood Products Operations
<p>Qualification Description</p> <p>This qualification describes the skills and knowledge required by people who work in production level jobs in timber or wood product production facilities.</p> <p>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.</p> <p>At this level, workers complete tasks under limited supervision and collaborate with others to meet productivity requirements.</p> <p>This qualification includes specialisations in:</p> <ul style="list-style-type: none"> • Timber Production • Glue Laminated Timber or Cross Laminated Timber Production • Plywood or Laminated Veneer Lumber Production • Reconstituted Wood Panel Production. <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>	
<p>Entry Requirements</p> <p>There are no entry requirements for this qualification.</p>	
<p>Packaging Rules</p> <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>FWP3XX22 Certificate III in Timber and Wood Products Operations</i> choose:</p> <ul style="list-style-type: none"> • 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. <p>For the award of the <i>FWP3XX22 Certificate III in Timber and Wood Products Operations (Timber Production)</i> choose:</p> <ul style="list-style-type: none"> • 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. <p>For the award of the <i>FWP3XX22 Certificate III in Timber and Wood Products Operations (Glue Laminated Timber or Cross Laminated Timber Production)</i> choose:</p> <ul style="list-style-type: none"> • 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

Basic equipment maintenance

FWPCOT3XXX	Plan and monitor 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
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Grading and testing

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	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 receipt 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

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>