



Australian Government

FWP30416 Certificate III in Wood Panel Products

Release 4

FWP30416 Certificate III in Wood Panel Products

Modification History

Release	Comments
Release 4	This version released with FWP Forest and Wood Products Training Package Version 6.0.
Release 3	This version released with FWP Forest and Wood Products Training Package Version 5.0.
Release 2	This version released with FWP Forest and Wood Products Training Package Version 4.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

Qualification Description

This qualification is designed for job roles in the wood panel products sector of the forest and forest products industry.

Job roles

This qualification has seven employment pathways for typical operational environments of wood panel products. These are:

- Engineered Timber Products Technician / Operator
- Kiln Operator
- Production Technician / Operator (Laminates)
- Production Technician / Operator (Panel and Board)
- Production Technician / Operator (Veneer)
- Timber Fabricator
- Timber Fabricator (Laminates)

Licensing, legislative, regulatory, or certification requirements may apply to units in this qualification in some states and territories at the time of publication and may differ according to jurisdiction.

Some imported units in the elective bank may be subject to licensing, legislative, regulatory, or certification requirements. These units must be implemented in line with the licensing requirements outlined in the unit's parent Training Package.

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:
 - 6 core units plus
 - 7 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome. The electives are to be chosen as follows:

- 2 units from Group A
- 5 units from Group A and/or Group B, the total of which can include up to 3 units recommended for packaging at Certificate II, III or IV level from this or any other endorsed Training Package or state/territory accredited course.

Elective units must be relevant to work undertaken in the wood panel products sector of the industry.

Core Units

BSBFLM312	Contribute to team effectiveness
FWPCOR2201	Work effectively in the forest and forest products industry
FWPCOR2202	Communicate and interact effectively in the workplace
FWPCOR3201	Implement safety, health and environment policies and procedures
FWPCOR3202	Conduct quality and product care procedures
FWPCOR3204	Visually assess materials

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. All prerequisite units are included in the qualification.

Group A

Logyard and/or Material Preparation

FWPCOT2225	Chip or flake wood
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FWPCOT3203	Weigh loads
FWPCOT3227	Receive and measure logs
FWPCOT3253	Convert timber residue into products for further use
FWPCOT3320	Build and maintain timber stacks

Grading and Testing

FWPCOT3267	Mechanically stress-grade engineered wood panels
FWPCOT3284	Grade, sort and mark timber materials
FWPCOT3310	Prepare timber or related products to meet import/export compliance requirements
FWPWPP3229	Classify flake

Board /Veneer Production

FWPCOT3234	Cut material using CNC sizing machines
FWPCOT3235	Machine material using CNC machining and processing centres
FWPCOT3249	Select timber preservation techniques
FWPCOT3274	Cut timber products using high-speed optimiser
FWPSAW3249	Saw logs using CNC optimising systems
FWPWPP2213	Cut panels
FWPWPP3201	Produce veneer from debarked logs
FWPWPP3204	Form board
FWPWPP3205	Match and join veneer
FWPWPP3207	Clip veneer
FWPWPP3211	Maintain caul plates and screens
FWPWPP3213	Heat treat material

FWPWPP3216	Press material using the daylight process
FWPWPP3217	Process production effluent
FWPWPP3218	Plan and coordinate machining of panels
FWPWPP3219	Blend and test binding mixes
FWPWPP3223	Immunise veneer
FWPWPP3230	Produce decorative veneers
FWPWPP3231	Produce veneer from prepared flitches
FWPWPP3234	Operate a continuous press for the production of engineered wood panels
FWPWPP3235	Trim new engineered wood panels to size

Lamination and Finishing

FWPCOT3268	Plane and sand engineered wood products
FWPWPP3202	Paint panels
FWPWPP3208	Punch peg holes in panels
FWPWPP3209	Prepare resin and additives
FWPWPP3214	Treat paper
FWPWPP3215	Cut paper
FWPWPP3220	Plan and coordinate panel painting
FWPWPP3222	Press laminated ply
FWPWPP3224	Profile sand products
FWPWPP3225	Produce profile sanding shoes and wheels
FWPWPP3227	Vacuum paint
FWPWPP3232	Operate a heat roll bonding machine to laminate or veneer engineered wood panel surfaces
FWPWPP3233	Operate a laminating press for engineered wood panels

Timber Drying and Treatment

FWPCOT3231	Operate steam boiler
FWPCOT3232	Operate heat plant
FWPCOT3248	Dry timber in solar assisted kilns
FWPWPP3212	Dry material
FWPWPP3228	Dry Wood Flakes

Timber Products

FWPCOT3302	Access and provide timber and wood product information
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Woodchipping

FWPWPP3203	Produce fibre from chips
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Sawdoctoring

FWPCOT3280	Replace saw blades, knives and guides
FWPCOT3282	Assess and maintain saw blade and sawing machine performance
FWPCOT3295	Assess and maintain cutter performance

Group B**Machinery and Equipment**

FWPCOT2240	Cut material with a pole saw
FWPCOT3224	Plan and monitor equipment maintenance
FWPCOT3283	Sharpen and position blades or knives in chipper, canter and reducer
MEM11011*	Undertake manual handling

MEM18011*	Shut down and isolate machines/equipment
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Warehousing and Distribution

FWPCOT3297	Operate automated stacking equipment
FWPCOT4211	Monitor stock control procedures
TLIA0015	Organise receipt and despatch operations

Load Handling

AHCMOM207	Conduct front-end loader operations
RIIMPO323E	Conduct civil construction dozer operations
TLID0001	Load and unload vehicles carrying special loads
TLID0007	Operate specialised load shifting equipment
TLID0008	Shift loads using bridge or gantry crane
TLID3011	Conduct specialised forklift operations

Safety and Quality Processes

AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases
CPPSEC3102	Maintain operational safety and security of work environment
FWPCOR3203	Evaluate fire potential and prevention
FWPCOT3263	Maintain and contribute to energy efficiency
FWPCOT3312	Implement environmentally sustainable work practices in the work area/work site
HLTAID011	Provide First Aid
HLTAID014	Provide advanced First Aid
MEM13015	Work safely and effectively in manufacturing and engineering

TLID3035	Operate a boom type elevating work platform
TLIF1002	Conduct housekeeping activities

Administration and Business

BSBINS302	Organise workplace information
BSBTEC301	Design and produce business documents

Communication and Relationships

BSBLDR301	Support effective workplace relationships
MEM16006*	Organise and communicate information

Competitive Manufacturing

MSS402001	Apply competitive systems and practices
MSS402083	Use planning software systems in operations
MSS404060	Facilitate the use of planning software systems in a work area or team

Planning and Analysis

BSBOPS402	Coordinate business operational plans
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Prerequisite requirements

Unit of competency	Prerequisite requirement
MEM11011 Undertake manual handling	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information*
MEM16006 Organise and communicate information	MEM13015 Work safely and effectively in manufacturing and engineering
MEM18011 Shut down and	MEM11011 Undertake manual handling*

isolate machines/equipment	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information*
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Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>

Release	Comments
Release 1	This version released with Forest and Wood Products Training Package Training Package Version 1.0.

[Skill]	<ul style="list-style-type: none"> • [Style to be applied is SI Bullet List 1 • Use sentence case (i.e. commence with upper case) for each bullet point but do not put a full stop at the end • See Guidelines for the skills to be described, the order in which to list them and hints on writing descriptions
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[SI Text]	[SI Text]	[SI Text For equivalent or no equivalent units include detail of the work undertaken. For newly created add the following statement: The unit has been created to address a skill or task required by industry that is not covered by an existing	[Equivalent OR Not equivalent OR Newly created OR
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		unit For a deleted unit add the following statement: The unit is deleted as the skill or task is no longer required by industry]	Deleted]
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Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP30416 Certificate III in Wood Panel Products Release 4	FWP30416 Certificate III in Wood Panel Products Release 3	Updated to include revised units and superseded imported units	Equivalent

Links

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