



**Australian Government**

# **FWP30516 Certificate III in Timber Manufactured Products**

**Release 4**

## FWP30516 Certificate III in Timber Manufactured 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 timber manufactured products sector of the forest and forest products industry.

#### Job roles

This qualification has five employment pathways for typical operational environments of timber manufactured products. These are:

- Press Operator
- Jig Setter
- Machine Operator (e.g. Finger Jointing, Moulding, Planing)
- Saw Operator
- Timber Manufactured Products Technician

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:

- 3 units from Group A
- 4 units from Group A and/or Group B, the total of which can include up to 2 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 timber manufactured 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.

### Group A

#### Sawdoctoring

FWPCOT3276	Sharpen cutters using a straight knife grinder
FWPCOT3277	Sharpen cutters in head using a profile knife grinder
FWPCOT3278	Sharpen cutters in head using a straight knife grinder

FWPCOT3279	Assess and maintain saw technology tools
FWPCOT3280	Replace saw blades, knives and guides
FWPCOT3282	Assess and maintain saw blade and sawing machine performance
FWPCOT3295	Assess and maintain cutter performance
FWPCOT3299	Cut timber or engineered wood product to profile

### Timber Grading & Testing

FWPCOT3208	Test strength of joints
FWPCOT3240	Grade heavy structural/engineered products
FWPCOT3246	Test heavy structural/engineered products
FWPCOT3310	Prepare timber or related products to meet import/export compliance requirements

### Trusses & Frames

FWPCOT3303	Prepare sketches and drawings
FWPCOT3304	Take off material quantities
FWPCOT3305	Interpret and quote from manufactured timber product plans
FWPCOT3219	Produce standard truss or frame plans and details using computers
FWPCOT3307	Create drawings using computer aided design software
FWPCOT3308	Assemble timber wall frames
FWPCOT3309	Assemble timber roof trusses

### Timber Products

FWPCOT3234	Cut material using CNC sizing machines
FWPCOT3235	Machine material using CNC machining and processing

	centres
FWPCOT3253	Convert timber residue into products for further use
FWPCOT3268	Plane and sand engineered wood products
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
FWPCOT3274	Cut timber products using high-speed optimiser
FWPCOT3275	Set up, operate and maintain end matching machines
FWPCOT3288	Set up, operate and maintain finger jointing machines
FWPCOT3297	Operate automated stacking equipment
FWPSAW3249	Saw logs using CNC optimising systems
FWPTMM3208	Apply critical workplace processes in the manufacture of prefabricated timber building systems
FWPTMM3209	Install prefabricated timber building systems on-site
FWPTMM3210	Convert timber
FWPTMM3211	Manufacture using joinery machines
FWPWPP3203	Produce fibre from chips
FWPWPP3209	Prepare resin and additives

## Group B

### Machinery & Equipment

TLIC3004	Drive heavy rigid vehicle
TLIC3005	Drive heavy combination vehicle

### Warehousing & Distribution

FWPCOT4211	Monitor stock control procedures
TLIA0015	Organise receipt and despatch operations

### **Load Handling**

AHCMOM207	Conduct front-end loader operations
FWPCOT3320	Build and maintain timber stacks
TLIC3063	Operate vehicle carrying special loads
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 & Quality Processes**

FWPCOR3203	Evaluate fire potential and prevention
FWPCOT3312	Implement environmentally sustainable work practices in the work area/work site
FWPCOT3263	Maintain and contribute to energy efficiency
HLTAID011	Provide First Aid
HLTAID014	Provide Advanced First Aid
TLID3035	Operate a boom type elevating work platform

### **Administration & Business**

BSBINS302	Organise workplace information
BSBOPS301	Maintain business resources
BSBTEC301	Design and produce business documents
FWPCOT3302	Access and provide timber and wood product information

FWPTMM321 2	Estimate and cost job
SIRXSLS001	Sell to the retail customer

### Communication & Relationships

BSBLDR301	Support effective workplace relationships
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### 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 & Analysis

BSBOPS402	Coordinate business operational plans
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## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP30516 Certificate III in Timber Manufactured Products Release 4	FWP30516 Certificate III in Timber Manufactured Products Release 3	Updated to include revised FWP elective units  New elective units added	Equivalent

## Links

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