



**Australian Government**

# **FWP20316 Certificate II in Sawmilling and Processing**

**Release 3**

## FWP20316 Certificate II in Sawmilling and Processing

### Modification History

Release	Comments
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 3.0.
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 sawmilling and processing sector of the forest and forest products industry.

This qualification has seven employment pathways for typical operational environments in sawmilling and processing. These are:

- Kiln Worker
- Timber Grader
- Treatment Plant Worker
- Production Worker
- Sawmill Worker
- Saw Technician
- Wood Machinist

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:
  - 5 core units plus

- 8 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 from Group A electives listed below
- 5 from Group A and/or Group B electives listed below, the total of which can include up to 2 units recommended for packaging at Certificate I, II or III level from this or any other currently endorsed Training Package or accredited course.

### Core Units

FWPCOR2201	Work effectively in the forest and forest products industry
FWPCOR2202	Communicate and interact effectively in the workplace
FWPCOR2203	Follow environmental care procedures
FWPCOR2205	Follow WHS policies and procedures
FWPCOR2207	Maintain quality and product care

### 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

FWPCOT2226	Debark logs mechanically
FWPCOT3203	Weigh loads

### Sawing Operations

FWPCOT2202	Rack material
FWPCOT2218	Cross cut materials with a fixed saw
FWPCOT2229	Dock material to length

FWPCOT2238	Cut materials with a hand-held chainsaw
FWPCOT2243	Tail out timber product and waste material
FWPCOT2245	Operate and maintain a table saw
FWPCOT3271	Hand sharpen knives and blades for commercial and domestic cutting services
FWPCOT3276	Sharpen cutters on a straight knife grinder
FWPCOT3290	Apply knowledge of timber properties, sawmill operations and sawmilling equipment
FWPSAW2202	Sort boards manually
FWPSAW2203	Sort boards mechanically
FWPSAW2204	Dock boards with mechanical feed
FWPSAW2208	Split wood products
FWPSAW2209	Dismantle, transport and assemble hand portable sawmill
FWPSAW2211	Round softwood logs
FWPSAW3247	Replace tungsten tips

### Grading and Testing

FWPCOT2246	Appearance grade hardwood sawn and milled products
FWPCOT2247	Appearance grade softwood sawn and milled products
FWPCOT2248	Appearance grade cypress sawn and milled products
FWPCOT2849	Visually stress grade hardwood
FWPCOT2250	Visually stress grade softwood
FWPCOT2251	Visually stress grade cypress
FWPSAW2201	Grade round poles and debarked logs

### Timber Products

FWPCOT2203	Finish and pack products
FWPCOT2209	Produce finger jointed timber
FWPCOT2211	Produce pointed timber products
FWPCOT2222	Produce laminated beams
FWPCOT2230	Assemble products
FWPCOT2241	Apply wood and timber product knowledge
FWPCOT2244	Operate and maintain a thicknesser
FWPSAW2205	Assemble materials using nail plates
FWPSAW2206	De-stack seasoning racks

### **Timber Drying and Treatment**

AHCCHM201	Apply chemicals under supervision
FWPSAW2210	Prepare for timber treatment operations

### **Woodchipping**

FWPCOT2225	Chip or flake wood
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### **Group B**

#### **Warehousing and Distribution**

FWPCOT2201	Stack and bind material
FWPCOT2210	Tally material
FWPCOT2227	Process orders and despatch products
FWPCOT2228	Store materials
FWPCOT2231	Pack products
FWPCOT3264	Build and maintain timber stacks
TLIF1002	Conduct housekeeping activities

**Machinery and Equipment**

FWPCOT2219	Use hand-held tools
FWPCOT2237	Maintain chainsaws
FWPCOT2240	Cut material with a pole saw
FWPCOT3259	Operate a four wheel drive on unsealed roads
MEM05006*	Perform brazing and/or silver soldering
MEM11011*	Undertake manual handling
MEM18011*	Shut down and isolate machines/equipment

**Load Handling**

AHCMOM207	Conduct front-end loader operations
TLIC2002	Drive light rigid vehicle
TLIC3003	Drive medium rigid vehicle
TLID2004	Load and unload goods/cargo
TLID2010	Operate a forklift
TLID2012	Operate specialised load shifting equipment
TLID2013	Move materials mechanically using automated equipment
TLID2047	Prepare cargo for transfer with slings
TLILIC0003	Licence to operate a forklift truck

**Safety & Quality Processes**

AHCWRK312	Operate in isolated and remote situations
FWPCOT2233	Navigate in forest areas
FWPCOT3263	Maintain and contribute to energy efficiency
HLTAID003	Provide first aid

MEM13015	Work safely and effectively in manufacturing and engineering
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### Administration & Business

BSBINM201	Process and maintain workplace information
BSBITU211	Produce digital text documents
BSBWOR204	Use business technology

### Competitive Manufacturing

MSS402001	Apply competitive systems and practices
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### Communication and Relationships

SIRXCEG001	Engage the customer
MEM16006*	Organise and communicate information

### Prerequisite requirements

Unit of competency	Prerequisite requirement
MEM05006 Perform brazing and or silver soldering	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
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MEM16006 Organise and communicate information	MEM13015 Work safely and effectively in manufacturing and engineering
MEM18011 Shut down and isolate machines/equipment	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWP20316 Certificate II in Sawmilling and Processing Release 3	FWP20316 Certificate II in Sawmilling and Processing Release 2	Updated to include revised units, new and revised imported units, and all prerequisites as electives	Equivalent qualification

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>