Australian Government

FWP30316 Certificate III in Sawmilling and Processing

Release 5

FWP30316 Certificate III in Sawmilling and Processing

Modification History

Release	Comments
Release 5	This version released with FWP Forest and Wood Products Training Package Version 6.1.
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 sawmilling and processing sector of the forest and forest products industry.

Job roles

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

- Benchman
- Chipper Operator
- Head Rig Operator
- Kiln Operator
- Machine Operator (e.g. Finger Jointing, Moulding, Planing)
- Production Technician
- Sawmilling Technician
- Optimisation Technician
- Sawyer
- Timber Grader
- Timber Products Technician
- Treatment Plant Operator

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 sawmilling and processing 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

Logyard and/or Material Preparation

FWPCOT3203	Weigh loads
FWPCOT3227	Receive and measure logs

Sawing Operations

FWPSAW3229	Operate a portable sawmill
FWPSAW3230	Perform primary log breakdown
FWPSAW3231	Perform secondary log breakdown
FWPSAW3241	Set up and operate production saws used in sawmill operations
FWPSAW3243	Produce sawn green boards
FWPSAW3250	Select and saw logs in multi-species operations

Grading and Testing

FWPCOT3208	Test strength of joints
FWPCOT3240	Grade heavy structural/engineered products
FWPCOT3284	Grade, sort and mark timber materials
FWPCOT3292	Calibrate and maintain scanning equipment used in sawmilling operations
FWPCOT3293	Use scanning equipment for timber grading
FWPCOT3310	Prepare timber or related products to meet import/export compliance requirements
FWPSAW3223	Assess wood chips

Timber Products

FWPCOT2245	Operate and maintain a table saw
FWPCOT3234	Cut material using CNC sizing machines
FWPCOT3235	Machine material using CNC machining and processing centres
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
FWPCOT3290	Apply knowledge of timber properties, sawmill operations and sawmilling equipment
FWPCOT3297	Operate automated stacking equipment
FWPCOT3302	Access and provide timber and wood product information
FWPCOT3320	Build and maintain timber stacks
FWPSAW3249	Saw logs using CNC optimising systems

Timber Drying and Treatment

AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases
FWPCOT3231	Operate steam boiler
FWPCOT3232	Operate heat plant
FWPCOT3248	Dry timber in solar assisted kilns
FWPSAW3205	Dry hardwood
FWPSAW3206	Dry softwood
FWPSAW3242	Treat timber

Sawdoctoring

FWPCOT3271	Hand sharpen knives and blades for commercial and domestic cutting services
FWPCOT3279	Assess and maintain saw technology tools
FWPCOT3280	Replace saw blades, knives and guides
FWPCOT3281	Manufacture profile cutters
FWPCOT3282	Assess and maintain saw blade and sawing machine performance
FWPCOT3283	Sharpen and position blades or knives in chipper, canter and reducer
FWPCOT3286	Identify levelling and tensioning requirements for saw blades
FWPCOT3294	Swage and shape saw blades
FWPCOT3295	Assess and maintain cutter performance
FWPCOT3298	Produce templates
FWPSAW3232	Sharpen band saw blades
FWPSAW3233	Sharpen circular saw blades
FWPSAW3234	File and set saw blades for hand saws and circular saws
FWPSAW3235	Recondition saw guides
FWPSAW3236	Sharpen tipped circular saw blades
FWPSAW3237	Level and tension circular saw blades
FWPSAW3238	Replace Stellite tips
FWPSAW3239	Assess and maintain wide band saw blades
FWPSAW3240	Assess and maintain band saw wheels
FWPSAW3244	Align sawing production systems
FWPSAW3245	Join band saw blades

FWPSAW3247	Replace tungsten tips

Woodchipping

FWPSAW3215	Screen wood chips
FWPSAW3216	Transfer wood chips
FWPSAW3223	Assess wood chips
FWPSAW3224	Coordinate and monitor the wood chip stockpile

Group B
Machinery and Equipment

FWPCOT2240	Cut material with a pole saw
FWPCOT3224	Plan and monitor equipment maintenance
FWPCOT3259	Operate a four wheel drive on unsealed roads
FWPCOT3260	Recover four wheel drive vehicles
FWPFGM3214	Operate a four wheel drive in a towing situation
MEM11011*	Undertake manual handling
MEM18011*	Shut down and isolate machines/equipment

Warehousing & Distribution

FWPCOT4211	Monitor stock control procedures
RIIMPO321F	Conduct civil construction wheeled front end loader operations
TLIA0015	Organise receival 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
TLID0008	Shift loads using bridge or gantry crane
TLID1001	Shift materials safely using manual handling methods
TLID3011	Conduct specialised forklift operations

Safety & Quality Processes

FWPCOR3203	Evaluate fire potential and prevention
FWPCOT3202	Navigate in remote or trackless areas
FWPCOT3312	Implement environmentally sustainable work practices in the work area/work site
FWPCOT3263	Maintain and contribute to energy efficiency
FWPCOT3291	Apply principles of timber and process optimisation in sawmill operations
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 & Business

BSBINS302	Organise workplace information
BSBTEC301	Design and produce business documents

Competitive Manufacturing

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

Communication & Relationships

BSBLDR301	Support effective workplace relationships
MEM16006*	Organise and communicate information

Planning and Analysis

BSBOPS402	Coordinate business operational plans

Prerequisite requirements

Units listed in the *Prerequisite requirement* column that have their own prerequisite requirements are shown with an asterisk (*)

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 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
FWP30316 Certificate III in Sawmilling and Processing Release 5	FWP30316 Certificate III in Sawmilling and Processing Release 4	Qualification updated to remove seven elective units that have been deleted as part of meeting Skills Ministers' priority of removing training products with low or no	Equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
		enrolments, as agreed by the AISC	

Links

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