



**Australian Government**

# **FPI20311 Certificate II in Sawmilling and Processing**

**Release 3**

# FPI20311 Certificate II in Sawmilling and Processing

## Modification History

### Release 2

Three new units added to elective bank:

- FPICOT2241
- FPICOT3263
- FPICOT3264

Elective unit HLTF311A replaces HLTF301C - Not equivalent

Imported unit updated to current release:

- MEM18011C

### Release 1.1

#### Five imported units of competency updated:

- TLIF1002B replaces TLIF1002A - Equivalent
- TLID2004A replaces TLID407C - Equivalent
- TLID2047A replaces TLID707C - Equivalent
- MSS402001A replaces MSACMS200A - Equivalent
- SIRXCCS202 replaces SIRXCCS002A - Equivalent

## Description

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

## Pathways Information

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

- Kiln Worker
- Timber Grader
- Treatment Plant Worker
- Production Worker
- Sawmill Worker

Entry may be gained through progression from a lower level FPI qualification or recognition of existing industry experience or qualifications.

This qualification may be suited to an Australian Apprenticeship pathway.

## **Licensing/Regulatory Information**

Native FPI units may be subject to state or territory licensing, legislative, regulatory or certification requirements.

Some imported units in the elective bank may be subject to state or territory codes, regulations, licences and/or permits. 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.

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> <li>• Convey information in simple language, and acknowledge and check message</li> <li>• Establish and maintain communication with others according to organisational policies and procedures</li> <li>• Identify and comply with safety signs and symbols</li> <li>• Use appropriate communication and interpersonal techniques with colleagues and others</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• Check key legal and procedural principles relating to work order with appropriate personnel, according to organisational requirements</li> <li>• Make constructive contributions to the group</li> <li>• Provide assistance to and seek assistance from co-workers to achieve work tasks</li> <li>• Share relevant workplace information with co-workers to achieve designated individual and team goals and objectives</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• Follow safe workplace procedures and safe work instructions for controlling risks</li> <li>• Identify and report occupational health and safety issues and risks in the work area to appropriate personnel</li> <li>• Identify problems and equipment faults and demonstrate appropriate response procedures</li> <li>• Identify and promptly report problems to appropriate personnel to avoid repetition of de-valued product</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• Apply safe work practices, including effective response procedures, to workplace risk and emergencies, according to applicable occupational health and safety and organisational requirements</li> <li>• Actively seek feedback on performance from appropriate personnel to confirm quality of performance and identify areas for improvement</li> <li>• Identify and report existing and potential hazards in the work area to appropriate personnel</li> <li>• Review factors affecting the achievement of work tasks and report to appropriate personnel</li> </ul>

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Planning and organising	<ul style="list-style-type: none"> <li>• Locate, record and report workplace information</li> <li>• Identify and comply with applicable legislative and procedural requirements in an ethical manner consistent with workplace standards</li> <li>• Follow safe workplace procedures for dealing with accidents and emergencies within scope of responsibilities</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• Follow and apply quality system procedures in personal work</li> <li>• Maintain work relationships</li> <li>• Follow environmental care procedures according to organisational requirements</li> <li>• Seek appropriate support to assist and improve own performance to achieve personal and organisational goals and objectives</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• Identify and establish opportunities for professional development in consultation with appropriate personnel according to organisational procedures</li> <li>• Practise and carry out emergency and evacuation procedures in the event of an emergency</li> <li>• Record and report information regarding learning and competency development according to organisational requirements</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• Maintain machinery and adjust equipment to minimise product damage and waste</li> <li>• Use relevant equipment to complete work tasks within designated timeframes, which may include telephones and other communications equipment, tools, machinery, vehicles, navigational aids, instruments, computers and computer software, printers, facsimile machines and photocopiers</li> </ul>

## Packaging Rules

Total number of units = 13

- 5 core units plus
- 8 elective units, consisting of:
  - 3 units from Group A
  - up to 5 units from Group A and/or Group B
  - up to 2 units recommended for packaging at Certificate I, II or III 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

Field	Unit Code	Unit Title
Core	FPICOR2201B	Work effectively in the forest and forest products industry
	FPICOR2202B	Communicate and interact effectively in the workplace
	FPICOR2203B	Follow environmental care procedures
	FPICOR2205B	Follow OHS policies and procedures
	FPICOR2207B	Maintain quality and product care

### GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Title
Logyard and/or Material Preparation	FPICOT2226B	Debark logs mechanically
	FPICOT3203B	Weigh loads
Sawing Operations	FPICOT2202B	Rack material
	FPICOT2205B	Tail out materials
	FPICOT2208B	Resaw boards and timber
	FPICOT2218B	Cross cut materials with a fixed saw
	FPICOT2229B	Dock material to length
	FPICOT2238A	Cut materials with a hand-held chainsaw
	FPISAW2202B	Sort boards manually

	FPISAW2203B	Sort boards mechanically
	FPISAW2204B	Dock boards with mechanical feed
	FPISAW2207B	Round softwood logs
	FPISAW2208B	Split wood products
	FPISAW2209B	Dismantle, transport and assemble hand portable sawmill
<b>Grading and Testing</b>	FPICOT2212B	Grade hardwood sawn and milled products
	FPICOT2213B	Grade softwood sawn and milled products
	FPICOT2214B	Grade cypress sawn and milled products
	FPICOT2215B	Visually stress grade hardwood
	FPICOT2216B	Visually stress grade softwood
	FPICOT2217B	Visually stress grade cypress
	FPISAW2201B	Grade round poles and debarked logs
<b>Timber Products</b>	FPICOT2203B	Finish products
	FPICOT2207B	Dress boards and timber
	FPICOT2209B	Produce finger jointed timber
	FPICOT2211B	Produce pointed timber products
	FPICOT2222B	Produce laminated beams
	FPICOT2230B	Assemble products
	FPICOT2241	Apply wood and timber product knowledge
	FPISAW2205B	Assemble materials using nail plates
	FPISAW2206B	De-stack seasoning racks
<b>Timber Drying and Treatment</b>	AHCCHM201A	Apply chemicals under supervision
	FPISAW2210B	Prepare for timber treatment operations

**Woodchipping** FPICOT2225B Chip or flake wood

## **GROUP B ELECTIVE UNITS**

<b>Field</b>	<b>Unit Code</b>	<b>Unit Title</b>
<b>Warehousing and Distribution</b>	FPICOT2201B	Stack and bind material
	FPICOT2210B	Tally material
	FPICOT2227B	Process orders and despatch products
	FPICOT2228B	Store materials
	FPICOT2231B	Pack products
	FPICOT3264	Build and maintain timber stacks
	TLIF1002B	Conduct housekeeping activities
<b>Machinery and Equipment</b>	FPICOT2219B	Use hand-held tools
	FPICOT2237A	Maintain chainsaws
	FPICOT2240	Cut material with a pole saw
	FPICOT3259	Operate a four wheel drive on unsealed roads
	MEM18011C	Shut down and isolate machines/equipment
<b>Load Handling</b>	TLIC2002A	Drive light rigid vehicle
	TLIC3003A	Drive medium rigid vehicle
	TLID2004A	Load and unload goods/cargo
	TLID2047A	Prepare cargo for transfer with slings
	TLID2010A	Operate a forklift
	TLID2012A	Operate specialised load shifting equipment
	TLID2013A	Move materials mechanically using automated equipment
	TLILIC2001A	Licence to operate a forklift truck



<b>Safety &amp; Quality Processes</b>	AHCWRK203A	Operate in isolated and remote situations
	FPICOT2233B	Navigate in forest areas
	FPICOT3263	Maintain and contribute to energy efficiency
	HLTFA311A	Apply first aid
<b>Administration &amp; Business</b>	BSBINM201A	Process and maintain workplace information
	BSBITU201A	Produce simple word processed documents
	BSBWOR204A	Use business technology
<b>Competitive Manufacturing</b>	MSS402001A	Apply competitive systems and practices
<b>Communication and Relationships</b>	SIRXCCS202	Interact with customers