



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **FPI30305 Certificate III in Sawmilling and Processing**

**Release: 1**

## **FPI30305 Certificate III in Sawmilling and Processing**

### **Modification History**

Not Applicable

### **Description**

Not Applicable

### **Pathways Information**

Not Applicable

### **Licensing/Regulatory Information**

Not Applicable

### **Entry Requirements**

Not Applicable

## 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>• Accurately record and report workplace information, and maintain documentation</li> <li>• Gather, receive and respond to verbal and written instructions with correct actions</li> <li>• Record and report quality and product care procedures in accordance with workplace procedures</li> <li>• Use appropriate communication and interpersonal techniques with colleagues and others</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• Contribute to team outcomes</li> <li>• Effectively communicate and work safely with others in the work area</li> <li>• Encourage and support team members to take responsibility for their own work and to assist each other in undertaking required roles and responsibilities</li> <li>• Support team members in meeting expected outcomes</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• Address issues, concerns and problems identified by team members or refer to relevant persons as required</li> <li>• Identify and resolve problems</li> <li>• Record and report assessment outcomes and distribution problems in accordance with workplace procedures</li> <li>• Visually evaluate material characteristics for defects and quality</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• Efficiently and safely conduct quality and product care procedures</li> <li>• Monitor quality of output and follow product care procedures</li> <li>• Provide feedback to team members to encourage, value and reward team members' efforts and contributions</li> <li>• Reject and dispose of sub-standard materials in accordance with site requirements</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• Efficiently conduct quality and product care procedures in accordance with environmental legislation and workplace procedures</li> </ul>

<b>EMPLOYABILITY SKILLS QUALIFICATION SUMMARY</b>	
	<ul style="list-style-type: none"> <li>Identify team purpose, roles, responsibilities, goals, plans and objectives in consultation with team members</li> <li>Monitor on-site movement of material to ensure intended flow is achieved</li> <li>Review work order and clarify with appropriate personnel</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>Ensure own contribution to work team serves as a role model for others and enhances the organisation's image within the work team, the organisation and with clients/customers</li> <li>Follow safe workplace procedures for dealing with environmental incidents, accidents, and emergencies within scope of responsibilities</li> <li>Integrate care for the environment into all day-to-day activities</li> </ul>
Learning	<ul style="list-style-type: none"> <li>Establish opportunities for professional development in consultation with appropriate personnel in accordance with organisational procedures</li> <li>Practice and record emergency and evacuation procedures in the event of an emergency</li> <li>Record and report information regarding learning and competency development in accordance with organisational requirements</li> <li>Support the team to identify and resolve problems which impede its performance</li> </ul>
Technology	<ul style="list-style-type: none"> <li>Select equipment appropriate to work requirements and check for operational effectiveness in accordance with manufacturer's recommendations - equipment may include moisture meters and lifting equipment for the movement of materials</li> </ul>

## Packaging Rules

### Packaging Rules

Total number of units = 13

- 6 Core units *plus*
  - 2 Elective units from Group A *plus*
  - 5 Elective units from Group A and/or Group B, which can include up to 3 relevant units recommended for packaging at Certificate II, Certificate III or Certificate IV from an 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**

<b>Field</b>	<b>Unit Code</b>	<b>Unit Name</b>
Core	BSBFLM312C	Contribute to team effectiveness
	FPICOR2201B	Work effectively in the forest and forest products industry
	FPICOR2202B	Communicate and interact effectively in the workplace
	FPICOR3201B	Implement safety, health and environment policies and procedures
	FPICOR3202B	Conduct quality and product care procedures
	FPICOR3204B	Visually assess materials

**GROUP A ELECTIVE UNITS**

<b>Field</b>	<b>Unit Code</b>	<b>Unit Name</b>
Logyard and/or Material Preparation	FPICOT3203B	Weigh loads
	FPICOT3227B	Receive and measure logs
Sawing Operations	FPISAW3202B	Produce sawn green boards
	FPISAW3203B	Break down logs
	FPISAW3204B	Saw flitches and cants
	FPISAW3227B	Select and saw logs in multi-species operations
	FPISAW3229B	Operate a portable sawmill
Grading & Testing	FPICOT3208B	Test strength of joints
	FPICOT3225B	Mechanically stress grade timber
	FPICOT3229B	Mechanically stress grade panels
	FPICOT3240B	Grade heavy structural/engineered products
	FPICOT3245B	Grade, sort and mark material
	FPICOT3246B	Test heavy structural/engineered products
	FPICOT3250A	Prepare timber to meet import/export compliance

**CORE UNITS**

		requirements
	FPISAW3223B	Assess woodchips
Timber Products	FPICOT3205B	Dress boards using multi-headed machines
	FPICOT3206B	Cut material using high speed optimiser
	FPICOT3207B	Set up, operate and maintain finger jointing operations
	FPICOT3209B	Set up, operate and maintain end matching operations
	FPICOT3230B	Operate automated stacking equipment
	FPICOT3234B	Cut material using CNC sizing machines
	FPICOT3235B	Machine material using CNC machining and processing centres
	FPICOT3253A	Convert timber residue into products for further use
	FPISAW3226B	Saw logs using CNC optimising systems
Timber Drying & Treatment	FPICOT3231B	Operate steam boiler
	FPICOT3232B	Operate heat plant
	FPICOT3248A	Dry timber in solar assisted kilns
	FPICOT3249A	Select timber preservation techniques
	FPISAW3201B	Treat timber
	FPISAW3205B	Dry hardwood
	FPISAW3206B	Dry softwood
	RTC3704A	Prepare and apply chemicals
Sawdoctoring	FPICOT3201B	Hand sharpen knives and blades
	FPICOT3211B	Maintain sawdoctoring tools
	FPICOT3212B	Replace saws, blades and guides
	FPICOT3213B	Manufacture cutting tools

**CORE UNITS**

	FPICOT3215B	Swage and shape saw blades
	FPICOT3216B	Assess and maintain saw performance
	FPICOT3217B	Assess and maintain cutter performance
	FPICOT3233B	Sharpen and align blades and knives
	FPICOT3237B	Produce templates
	FPISAW3207B	Sharpen band saws
	FPISAW3208B	Sharpen circular saws
	FPISAW3209B	Align sawing production systems
	FPISAW3210B	File and set saws
	FPISAW3211B	Recondition guides
	FPISAW3212B	Sharpen tipped circular saws
	FPISAW3213B	Level and tension circular saws
	FPISAW3214B	Join band saw blades
	FPISAW3217B	Hard face saw teeth
	FPISAW3218B	Replace tungsten tips
	FPISAW3219B	Replace stellite tips
	FPISAW3220B	Maintain wide band saw blades
	FPISAW3221B	Profile saw blanks
	FPISAW3222B	Recondition band mill wheels
Woodchipping	FPISAW3215B	Screen wood chips
	FPISAW3216B	Transfer wood chips
	FPISAW3223B	Assess wood chips
	FPISAW3224B	Coordinate and monitor the wood chip stockpile

**CORE UNITS****GROUP B ELECTIVE UNITS**

<b>Field</b>	<b>Unit Code</b>	<b>Unit Name</b>
Machinery & Equipment	FPICOT3224B	Plan and monitor equipment maintenance
	FPIFGM3208B	Perform complex 4x4 operations
	RIIVEH305A	Operate and maintain a four wheel drive vehicle
Warehousing & Distribution	FPICOT3236B	Coordinate stock control procedures
	RIIMPO321A	Conduct civil construction wheel loader operations
	TLIA1807C	Organise despatch operations
Load Handling	RIIMPO323A	Conduct civil construction dozer operations
	TLID1107C	Conduct specialised forklifting operations
	TLID1407C	Load and unload vehicles carrying special loads
	TLID4307B	Shift loads using gantry equipment
Safety & Quality Processes	FPICOR3203B	Evaluate fire potential and prevention
	FPICOT3202B	Navigate in remote or trackless areas
	FPICOT3254A	Implement environmentally sustainable work practices in the work area/work site
	HLTFA402B	Apply advanced first aid ( <i>unit has HLTFA301B Apply first aid as a pre-requisite</i> )
	TLID3507C	Operate a boom type elevating work platform
Administration & Business	BSBINM301A	Organise workplace information
	BSBITU306A	Design and produce business documents
Communication & Relationships	BSBFLM303C	Contribute to effective workplace relationships
Competitive Manufacturing	MSACMS200A	Apply competitive manufacturing practices
	MSACMT460A	Facilitate the use of planning software systems in manufacturing ( <i>unit has MSACMT260A Use planning software systems in manufacturing as a</i>



**CORE UNITS***pre-requisite)*Planning &  
Analysis

BSBFLM305C

Support operational plan