FPI30811 Certificate III in Woodmachining

Release: 1

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Modification History

Qualification code updated to FPI30811 to reflect Training Package update from FPI05 Version 3 to FPI11 Version 1.
There are no changes to the qualification content.

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 one employment pathway for typical operational environments of sawmilling and processing. These are:

- Wood Machinist

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	• Communicate information from line manager/management to the team • Establish and maintain communication with others in accordance with occupational health and safety requirements • Record and report quality and product care procedures in accordance with workplace procedures • Use appropriate communication and interpersonal techniques with colleagues and others
Teamwork	• Actively encourage and support team members to participate in team activities and communication processes and to take responsibility for their actions • Contribute to team outcomes • Make constructive contributions to the group • Support team members in meeting expected outcomes
Problem-solving	• Address issues, concerns and problems identified by team members or refer to relevant persons as required • Effectively carry out pre start-up checks • Identify problems and equipment faults and demonstrate appropriate response procedures • Plan product recovery to optimise the resource value and minimise waste
Initiative and enterprise	• Encourage team members to participate in the planning, decision making and operational aspects of the work team to their level of responsibility • Identify problems, environmental issues and equipment faults and demonstrate appropriate response procedures • Locate, assess and report safety, health and environment issues and risks in the work area to appropriate personnel • Provide feedback to team members to encourage, value and reward team members' efforts and contributions
Planning and organising	• Accurately locate, record and report information • Check and conform with product specifications • Comply with legislation, regulations, standards, codes of

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	practice and established safe practices and procedures for selecting blades for sawing procedures • Identify and assess organisational environmental goals
Self-management	• Apply, follow and adhere to quality system procedures to personal work • 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 • Follow safe workplace procedures for dealing with environmental incidents, accidents, and emergencies within scope of responsibilities • Integrate care for the environment into all day-to-day activities
Learning	• Implement training and operational controls in accordance with workplace procedures - training may include in-house or external training programs or one-on-one supervision, programs that maintain up-to-date knowledge of legislative changes at the local, State and federal level • Practise and record emergency and evacuation procedures in the event of an emergency • Record and report information regarding learning and competency development in accordance with organisational requirements • Support the team to identify and resolve problems which impede its performance
Technology	• Record and report safety, health and environmental procedures in accordance with workplace procedures - may be manual, using a computer-based system or another appropriate organisational communication system • Safely and efficiently use relevant equipment to complete work tasks within designated timeframes

Packaging Rules

Total number of units = 27

• 9 core units plus
• 18 elective units, consisting of:
    • 13 units from Group A
    • up to 5 units from Group B

- 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 woodmachining sector of the industry

CORE UNITS

Field	Unit Code	Unit Name
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
	FPICOT3201B	Hand sharpen knives and blades
	FPICOT3204B	Prepare and interpret sketches and drawings
	FPICOT3247B	Select timber for forestry operations
	FPISAW3228B	Apply principles of blade design to sawing procedures

GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Name
Sawing Operations	FPICOT2207B	Dress boards and timber
	FPICOT2208B	Resaw boards and timber
	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

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	FPICOT3214B	Take off material quantities
	FPICOT3239B	Create drawings using computer aided design systems
	FPICOT3244B	Cut material to profile
	FPITMM2202B	Machine material
	FPITMM3202B	Manufacture using joinery machines
Sawdoctoring	FPICOT3210B	Sharpen cutting tools
	FPICOT3212B	Replace saws, blades and guides
	FPICOT3213B	Manufacture cutting tools
	FPICOT3216B	Assess and maintain saw performance
	FPICOT3217B	Assess and maintain cutter performance
	FPICOT3233B	Sharpen and align blades and knives
	FPICOT3237B	Produce templates
	FPISAW3208B	Sharpen circular saws
	FPISAW3210B	File and set saws
	FPISAW3213B	Level and tension circular saws
	FPISAW3218B	Replace tungsten tips

GROUP B ELECTIVE UNITS

Field	Unit Code	Unit Name
Sawing Operations	FPICOT2205B	Tail out materials
	FPICOT2219B	Use hand-held tools
	FPICOT2232B	Cut material to shape using a saw
	FPICOT3234B	Cut material using CNC sizing machines
	FPICOT3235B	Machine material using CNC machining and

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		processing centres
	FPISAW3226B	Saw logs using CNC optimising systems
	FPITMM3201B	Convert timber
	FPIWPP2210B	Cut panels to profile
Timber Products	FPICOT2224B	Band edges of panels
	FPITMM4203B	Install and commission CNC software

Select a maximum of 2 of the following:

Timber Grading & Testing	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
	BSBWOR204A	Use business technology
Administration & Business	FPITMM3203B	Estimate and cost job