



Australian Government

FPI30411 Certificate III in Wood Panel Products

Release: 2

FPI30411 Certificate III in Wood Panel Products

Modification History

Qualification code updated to FPI10111 to reflect Training Package update from FPI05 Version 3 to FPI11 Version 1.

The following units have been added to the qualification as electives:

- FPICOT2240 Cut material with a pole saw
- MEM18011C Shut down and isolate machines/equipment
- TLIF1002A Conduct housekeeping activities.

Release 1.1

Two imported units of competency updated:

- MSS402001A replaces MSACMS200A - Equivalent
- TLIF1002B replaces TLIF1002A - Equivalent

Description

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

Pathways Information

This qualification has seven employment pathways for typical operational environments of wood panel products. These are:

- Engineered Timber Products Technician / Operator
- Kiln Operator
- Production Technician / Operator (Laminates)
- Production Technician / Operator (Panel and Board)
- Production Technician / Operator (Veneer)
- Timber Fabricator
- Timber Fabricator (Laminates)

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"> • Gather, receive and respond to verbal and written instructions • Record and report quality and product care procedures according to workplace procedures • Use appropriate communication and interpersonal techniques with colleagues and others
Teamwork	<ul style="list-style-type: none"> • Contribute to team outcomes • Communicate and work safely with others in the work area • Encourage and support team members to take responsibility for their own work and assist each other in undertaking required roles and responsibilities • Support team members in meeting expected outcomes
Problem-solving	<ul style="list-style-type: none"> • Address issues, concerns and problems identified by team members or refer to relevant persons as required • Identify and resolve problems • Record and report assessment outcomes and distribution problems according to workplace procedures • Visually evaluate material characteristics for defects and quality
Initiative and enterprise	<ul style="list-style-type: none"> • Efficiently and safely follow quality and product care procedures • Monitor quality of output and follow product care procedures • Reject and dispose of sub-standard materials according to site requirements
Planning and organising	<ul style="list-style-type: none"> • Record and report workplace information and maintain documentation • Follow quality and product care procedures according to environmental legislation and workplace procedures • Identify team purpose, roles, responsibilities, goals, plans and objectives in consultation with team members • Monitor on-site movement of material to ensure intended flow is achieved • Review work order and clarify with appropriate personnel

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Self-management	<ul style="list-style-type: none"> • 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 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	<ul style="list-style-type: none"> • Establish opportunities for professional development in consultation with appropriate personnel according to organisational procedures • Practise and record emergency and evacuation procedures in the event of an emergency • Record and report information regarding learning and competency development according to organisational requirements • Support the team to identify and resolve problems impeding its performance
Technology	<ul style="list-style-type: none"> • Select equipment appropriate to work requirements and check for operational effectiveness according to manufacturer's recommendations, which may include moisture meters and lifting equipment for the movement of materials

Packaging Rules

Total number of units = 13

- 6 core units plus
- 7 elective units, consisting of:
 - 2 units from Group A
 - up to 5 units from Group A and/or Group B
 - 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 wood panel products 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
	FPICOR3204B	Visually assess materials

GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Name
Logyard and/or Material Preparation	FPICOT2225B	Chip or flake wood
	FPICOT3203B	Weigh loads
	FPICOT3227B	Receive and measure logs
	FPICOT3253A	Convert timber residue into products for further use

Grading and Testing	FPICOT3229B	Mechanically stress grade panels
	FPICOT3245B	Grade, sort and mark material
	FPICOT3250A	Prepare timber to meet import/export compliance requirements
	FPIWPP3229B	Classify flake
Board/Veneer Production	FPICOT3206B	Cut material using high speed optimiser
	FPICOT3234B	Cut material using CNC sizing machines
	FPICOT3235B	Machine material using CNC machining and processing centres
	FPICOT3249A	Select timber preservation techniques
	FPISAW3226B	Saw logs using CNC optimising systems
	FPIWPP2201B	Cut panels
	FPIWPP3201B	Produce veneer from debarked logs
	FPIWPP3204B	Form board
	FPIWPP3205B	Match and join veneer
	FPIWPP3207B	Clip veneer
	FPIWPP3211B	Maintain caul plates and screens
	FPIWPP3213B	Heat treat material
	FPIWPP3216B	Press material using the daylight process
	FPIWPP3217B	Process production effluent
	FPIWPP3218B	Coordinate machining of panels
	FPIWPP3219B	Blend and test binding mixes
	FPIWPP3221B	Trim new panels to size
	FPIWPP3223B	Immunise veneer
FPIWPP3226B	Operate a continuous press	

	FPIWPP3230B	Produce decorative veneers
	FPIWPP3231B	Produce veneer from prepared flitches
Lamination and Finishing	FPICOT3228B	Plane/sand panels
	FPIWPP3202B	Paint panels
	FPIWPP3206B	Laminate and veneer board surfaces
	FPIWPP3208B	Punch peg holes in panels
	FPIWPP3209B	Prepare resin and additives
	FPIWPP3210B	Laminate board
	FPIWPP3214B	Treat paper
	FPIWPP3215B	Cut paper
	FPIWPP3220B	Plan and coordinate panel painting
	FPIWPP3222B	Press laminated ply
	FPIWPP3224B	Profile sand products
	FPIWPP3225B	Produce profile sanding shoes and wheels
	FPIWPP3227B	Vacuum paint
Timber Drying and Treatment	FPICOT3231B	Operate steam boiler
	FPICOT3232B	Operate heat plant
	FPICOT3248A	Dry timber in solar assisted kilns
	FPIWPP3212B	Dry material
	FPIWPP3228B	Dry wood flakes
Woodchipping	FPIWPP3203B	Produce fibre from chips
Sawdoctoring	FPICOT3212B	Replace saws, blades and guides
	FPICOT3216B	Assess and maintain saw performance

FPICOT3217B Assess and maintain cutter performance

GROUP B ELECTIVE UNITS

Field	Unit Code	Unit Name
Machinery and Equipment	FPICOT2240	Cut material with a pole saw
	FPICOT3224B	Plan and monitor equipment maintenance
	FPICOT3233B	Sharpen and align blades and knives
	MEM18011C	Shut down and isolate machines/equipment
Warehousing & Distribution	FPICOT3230B	Operate automated stacking equipment
	FPICOT3236B	Coordinate stock control procedures
	TLIA3018A	Organise despatch operations
Load Handling	RIIMPO323A	Conduct civil construction dozer operations
	TLID3011A	Conduct specialised forklifting operations
	TLID2012A	Operate specialised load shifting equipment
	TLID3014A	Load and unload vehicles carrying special loads
	TLID3043A	Shift loads using gantry equipment
Safety & Quality Processes	CPPSEC3007A	Maintain security of environment
	FPICOR3203B	Evaluate fire potential and prevention
	FPICOT3254A	Implement environmentally sustainable work practices in the work area/work site
	HLTFA301C	Apply first aid
	HLTFA402C	Apply advanced first aid (unit has HLTFA301C Apply first aid as a pre-requisite)
	AHCCHM303A	Prepare and apply chemicals
	TLID3035A	Operate a boom type elevating work platform

Administration and Business	BSBINM301A	Organise workplace information
	BSBITU306A	Design and produce business documents
Communication and Relationships	BSBFLM303C	Contribute to effective workplace relationships
Competitive Manufacturing	MSS402001A	Apply competitive systems and practices
	MSACMT260A	Use planning software systems in manufacturing
	MSACMT460A	Facilitate the use of planning software systems in manufacturing (unit has MSACMT260A Use planning software systems in manufacturing as a prerequisite)
Planning and Analysis	BSBFLM305C	Support operational plan
Safety and Quality Processes	TLIF1002B	Conduct housekeeping activities