Australian Government

FPI30511 Certificate III in Timber Manufactured Products

Release 4

FPI30511 Certificate III in Timber Manufactured Products

Modification History

Release 4

Two imported units of competency updated:

- Elective unit HLTAID003 replaces HLTFA311A
- Elective unit HLTAID006 replaces HLTFA412A

Release 2

Three new units added to elective bank:

- FPICOT2241
- FPICOT3263
- FPICOT3264

Imported units updated to non-equivalent versions:

- HLTFA311A replaces HLTFA301C – Not equivalent
- HLTFA412A replaces HLTFA402C – Not equivalent
- MSS402060A replaces MSACMT260A – Not equivalent
- MSS404060A replaces MSACMT460A – Not equivalent

Release 1.1

Two imported units of competency updated:

- SIRXSLS201 replaces SIRXSLS001A - Equivalent
- MSS402001A replaces MSACMS200A - Equivalent

Typographical error corrected - TLIC3036A was incorrectly entered as TLIC3063A.

Description

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

Pathways Information

This qualification has five employment pathways for typical operational environments of timber manufactured products. These are:

- Press Operator
- Jig Setter
- Machine Operator (e.g. Finger Jointing, Moulding, Planing)
- Saw Operator
- Timber Manufactured Products Technician

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	• Accurately record and report workplace information, and maintain documentation • Gather, receive and respond to verbal and written instructions with correct actions • Record and report quality and product care procedures in accordance with workplace procedures • Use appropriate communication and interpersonal techniques with colleagues and others
Teamwork	• Contribute to team outcomes • Effectively communicate and work safely with others in the work area • Encourage and support team members to take responsibility for their own work and to assist each other in undertaking required roles and responsibilities • 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 • Identify and resolve problems • Record and report assessment outcomes and distribution problems in accordance with workplace procedures • Visually evaluate material characteristics for defects and quality
Initiative and enterprise	• Efficiently and safely conduct quality and product care procedures • Monitor quality of output and follow product care procedures • Provide feedback to team members to encourage, value and reward team members' efforts and contributions • Reject and dispose of sub-standard materials in accordance with site requirements
Planning and organising	• Efficiently conduct quality and product care procedures in accordance with environmental legislation and workplace procedures

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	• 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
Self-management	• 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	• Establish opportunities for professional development in consultation with appropriate personnel in accordance with organisational procedures • 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	• 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

Forestworks Learning and Skill Development

Packaging Rules

Total number of units = 13

- 6 core units plus
- 7 elective units, consisting of:
    - 3 units from Group A
    - up to 4 units from Group A and/or 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 timber manufactured products sector of the industry

CORE UNITS

Field	Unit Code	Unit Title
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 Title
Sawdoctoring	FPICOT3210B	Sharpen cutting tools
	FPICOT3211B	Maintain sawdoctoring tools
	FPICOT3212B	Replace saws, blades and guides
	FPICOT3216B	Assess and maintain saw performance
	FPICOT3217B	Assess and maintain cutter performance
	FPICOT3244B	Cut material to profile

Timber Grading & Testing	FPICOT3208B	Test strength of joints
	FPICOT3240B	Grade heavy structural/engineered products
	FPICOT3246B	Test heavy structural/engineered products
	FPICOT3250A	Prepare timber to meet import/export compliance requirements
Trusses & Frames	FPICOT3204B	Prepare and interpret sketches and drawings
	FPICOT3214B	Take off material quantities
	FPICOT3218B	Quote and interpret from manufactured timber product plans
	FPICOT3219B	Produce standard truss or frame plans and details using computers
	FPICOT3220B	Quote and interpret from computerised timber manufactured product plans
	FPICOT3239B	Create drawings using computer aided design systems
	FPICOT3241B	Assemble timber wall frames
	FPICOT3242B	Lay up timber roof trusses
	FPICOT3243B	Operate a truss press
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
	FPICOT3228B	Plane/sand panels
	FPICOT3230B	Operate automated stacking equipment
	FPICOT3234B	Cut material using CNC sizing machines

Forestworks Learning and Skill Development

	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
	FPITMM3201B	Convert timber
	FPITMM3202B	Manufacture using joinery machines
	FPIWPP3203B	Produce fibre from chips
	FPIWPP3209B	Prepare resin and additives

GROUP B ELECTIVE UNITS

Field	Unit Code	Unit Title
Machinery & Equipment	TLIC3004A	Drive heavy rigid vehicle
	TLIC3005A	Drive heavy combination vehicle
Warehousing & Distribution	FPICOT3236B	Coordinate stock control procedures
	TLIA3018A	Organise despatch operations
Load Handling	FPICOT3264	Build and maintain timber stacks
	TLIC3063A	Operate vehicle carrying special loads
	TLID3011A	Conduct specialised forklift operations
	TLID2012A	Operate specialised load shifting equipment
	TLID3014A	Load and unload vehicles carrying special loads
	TLID3043A	Shift loads using gantry equipment

Forestworks Learning and Skill Development

Safety & Quality Processes	FPICOR3203B	Evaluate fire potential and prevention
	FPICOT3254A	Implement environmentally sustainable work practices in the work area/work site
	FPICOT3263	Maintain and contribute to energy efficiency
	HLTAID003	Provide first aid
	HLTAID006	Provide advanced first aid
	TLID3035A	Operate a boom type elevating work platform
Administration & Business	BSBADM311A	Maintain business resources
	BSBINM301A	Organise workplace information
	BSBITU306A	Design and produce business documents
	FPICOT2241	Apply wood and timber product knowledge
	FPITMM3203B	Estimate and cost job
	SIRXSLS201	Sell products and services
Communication & Relationships	BSBFLM303C	Contribute to effective workplace relationships
Competitive Manufacturing	MSS402001A	Apply competitive systems and practices
	MSS402060A	Use planning software systems in operations
	MSS404060A	Facilitate the use of planning software systems in a work area or team
Planning & Analysis	BSBFLM305C	Support operational plan