



**Australian Government**

# **FPI20711 Certificate II in Timber Truss and Frame Design and Manufacture**

**Release 4**

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## **Modification History**

### **Release 3**

Elective unit HLTAFID003 replaces HLTFA311A.

### **Release 2**

Two new units added to elective bank:

- FPICOT3263
- FPICOT3264

Elective unit HLTFA311A replaces HLTFA301C – Not equivalent.

### **Release 1.1**

**Two imported units of competency updated:**

- MSS402001A replaces MSACMS200A - Equivalent
- MSS402051A replaces MSACMT251A - Equivalent

## **Description**

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

## **Pathways Information**

This qualification has one employment pathway for typical operational environments of timber truss and frame design. This is:

- Production Assistant (Timber Truss & Frame)

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>• Interact appropriately with colleagues and others in the workplace</li> <li>• Gather, convey and receive information</li> <li>• Accurately convey instructions</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• Participate in work relationships</li> <li>• Seek and provide responses from/to others</li> <li>• Make constructive contributions to team meetings</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• Identify problems and form resolution strategies</li> <li>• Use common fault finding techniques</li> <li>• Identify potential hazards in the work area and demonstrate appropriate response procedures</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• Select equipment appropriate to work task</li> <li>• Identify, monitor and maintain positive work practices</li> <li>• Report improvements to workplace practices and resource efficiency to relevant personnel</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• Review and identify work requirements</li> <li>• Monitor on-site movement of material</li> <li>• Plan visual assessment processes</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• Check own role and responsibilities with appropriate personnel</li> <li>• Identify and prioritise work tasks within designated timeframes</li> <li>• Select resources to be used in own work role</li> <li>• Maintain and monitor quality of personal output</li> </ul>
Learning	<ul style="list-style-type: none"> <li>• Identify opportunities for professional development</li> <li>• Actively seek feedback on performance</li> <li>• Seek appropriate support to assist and improve own performance</li> </ul>
Technology	<ul style="list-style-type: none"> <li>• Use tools, equipment and machinery appropriate to work task</li> <li>• Apply the recognition of timber technology</li> <li>• Use hand-held tools</li> <li>• Regularly maintain machinery and equipment</li> </ul>

## Packaging Rules

Total number of units = 13

- 7 core units plus
- 6 elective units, consisting of:
  - up to 6 units from Group A
  - up to 2 units from 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 timber truss and frame design 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
	FPICOT2219B	Use hand-held tools
	FPICOT2235A	Assess timber for manufacturing potential

### GROUP A ELECTIVE UNITS

Field	Unit Code	Unit Title
Forest	FPICOT2201B	Stack and bind material
	FPICOT2210B	Tally material
	FPICOT2227B	Process orders and despatch products
	FPICOT2228B	Store materials
	FPICOT2229B	Dock material to length
	FPICOT2230B	Assemble products

	FPICOT2232B	Cut material to shape using a saw
	FPICOT3264	Build and maintain timber stacks
	FPISAW2205B	Assemble materials using nail plates
	FPITMM2201B	Cut material to length and angles
	FPITMM2203A	Read and interpret timber truss, floor and/or frame fabrication plans
<b>Business</b>	BSBINM201A	Process and maintain workplace information
	BSBWOR204A	Use business technology
<b>Health and Safety</b>	HLTAID003	Provide first aid
<b>Manufacturing</b>	FPICOT3263	Maintain and contribute to energy efficiency
	MSS402001A	Apply competitive systems and practices
	MSS402051A	Apply quality standards
<b>Transport</b>	TLID2010A	Operate a forklift
	TLID3014A	Load and unload vehicles carrying special loads
	TLID2047A	Prepare cargo for transfer with slings
<b>Construction</b>	CPCCLDG3001A	Licence to perform dogging

**GROUP B ELECTIVE UNITS**

<b>Field</b>	<b>Unit Code</b>	<b>Unit Title</b>
<b>Forest</b>	FPICOR3204B	Visually assess materials
	FPICOT3214B	Take off material quantities
	FPICOT3241B	Assemble timber wall frames
	FPICOT3242B	Lay up timber roof trusses
	FPICOT3243B	Operate a truss press
	FPITMM3207A	Set up timber floor trusses