



Australian Government

FPI40311 Certificate IV in Timber Truss and Frame Manufacture

Release 3

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Modification History

Release 2

Imported units added to elective bank:

- MSS015011A
- MSS405070A

Imported units updated to current versions:

- BSBPMG415A replaces BSBPMG407A – Not equivalent
- BSBPMG522A replaces BSBPMG510A – Equivalent
- CPCCCA3006B replaces CPCCCA3006A – Equivalent
- HLTFA412A replaces HLTFA402C – Not equivalent
- MSS404050A replaces MSACMT450A – Equivalent, new prerequisite unit
- MSS404060A replaces MSACMT460A – Not equivalent

Release 1.1

Eleven imported units of competency updated:

- BSBCUS401B replaces BSBCUS401A - Equivalent
- BSBCUS501C replaces BSBCUS501B - Equivalent
- BSBITS401B replaces BSBITS401A - Equivalent
- CUVDES405A replaces CUVDSP15B - Equivalent
- HLTFA403C replaces HLTFA403A - Equivalent
- MSS403010A replaces MSACMC410A - Equivalent
- MSS403001A replaces MSACMS400A - Equivalent
- MSS402050A replaces MSACMT250A - Equivalent
- MSS404082A replaces MSACMT482A - Equivalent
- TAEASS401B replaces TAEASS401A - Equivalent
- TAEASS402B replaces TAEASS402A - 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. This is:

- Production Supervisor (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"> Record and report quality and product care procedures Interact appropriately with colleagues and others in the workplace Use culturally appropriate communication skills
Teamwork	<ul style="list-style-type: none"> Facilitate the development of the workgroup Determine team development needs
Problem-solving	<ul style="list-style-type: none"> Identify problems, environmental issues and equipment faults and demonstrate appropriate response procedures Assess and rectify problems to avoid loss of product Identify and implement improvements in learning arrangements
Initiative and enterprise	<ul style="list-style-type: none"> Identify resources and timelines required for learning activities Conduct progress reviews Monitor material grading for best end use
Planning and organising	<ul style="list-style-type: none"> Monitor and record organisational environmental goals Plan product recovery to optimise resource value and minimise waste Coordinate and monitor quality of output
Self-management	<ul style="list-style-type: none"> Monitor tasks in accordance with legislative requirements Organise duties, equipment and materials in accordance with SHE requirements
Learning	<ul style="list-style-type: none"> Identify and implement learning and development needs Provide workplace learning opportunities Provide coaching and mentoring assistance
Technology	<ul style="list-style-type: none"> Monitor machinery and equipment maintenance

Packaging Rules

Total number of units = 17

- 3 core units plus
- 14 elective units, consisting of:

- up to 14 units from the elective units listed below
- up to 3 units recommended for packaging at Certificate III, IV or Diploma 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 processing and production sectors of the industry, including sawmilling and processing, wood panel products, timber manufactured products and timber merchandising

CORE UNITS

Field	Unit Code	Unit Title
Core	FPICOR4201B	Monitor safety, health and environment policies and procedures
	FPICOR4203B	Monitor quality and product care procedures
	BSBLED401A	Develop teams and individuals

ELECTIVE UNITS

Field	Unit Code	Unit Title
Forest	FPICOT3239B	Create drawings using computer aided design systems
	FPICOT4202B	Design timber structures
	FPICOT4203B	Plan and coordinate product assembly
	FPITMM4201B	Construct prototypes and samples
	FPITMM4202B	Diagnose and calculate production costs
	FPITMM4203B	Install and commission CNC software
	FPITMM4205A	Prepare and advise on a broad range of timber roof truss details using computers
	FPITMM4206A	Prepare and advise on a broad range of timber floor system details using computers
	FPITMM4207A	Prepare and advise on a broad range of timber wall frame details using computers
Business	BSBCMM401A	Make a presentation
	BSBCUS401B	Coordinate implementation of customer service

		strategies
	BSBCUS501C	Manage quality customer service
	BSBINM401A	Implement workplace information system
	BSBITS401B	Maintain business technology
	BSBLED501A	Develop a workplace learning environment
	BSBMGT402A	Implement operational plan
	BSBPMG415A	Apply project risk-management techniques
	BSBPMG522A	Undertake project work
Construction	CPCCBBC4001A	Apply building codes and standards to the construction process for low rise building projects
	CPCCBBC4004A	Identify and produce estimated costs for building and construction projects
	CPCCBBC4005A	Produce labour and material schedules for ordering
	CPCCBBC4024A	Resolve business disputes
	CPCCCA3006B	Erect roof trusses
	CPCCSV5010A	Interact with clients in a regulated environment
	CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
	CPCSUS4001A	Implement and monitor environmentally sustainable work practices
Visual Arts, Crafts and Design	CUVDES405A	Research and apply techniques in spatial design
Health and Safety	HLTFA403C	Manage first aid in the workplace
	HLTFA412A	Apply advanced first aid

Manufacturing	MSAPMOPS404A	Co-ordinate maintenance
	MSAPMSUP390A	Use structured problem solving tools
	MSS015011A	Conduct a sustainability energy audit
	MSS402050A	Monitor process capability
	MSS403001A	Implement competitive systems and practices
	MSS403010A	Facilitate change in an organisation implementing competitive systems and practices
	MSS404050A	Undertake process capability improvements (*Prerequisite: <i>MSS404052A Apply statistics to operational processes</i>)
	MSS404060A	Facilitate the use of planning software systems in a work area or team
	MSS404082A	Assist in implementing a proactive maintenance strategy
	MSS405070A	Develop and manage sustainable energy practices
Training	TAEASS401B	Plan assessment activities and processes
	TAEASS402B	Assess competence
	TAEDEL401A	Plan, organise and deliver group-based learning
	TAEDEL402A	Plan, organise and facilitate learning in the workplace