



Australian Government

Department of Education, Employment and Workplace Relations

FPI50311 Diploma of Timber Truss and Frame Manufacture

Release: 1

FPI50311 Diploma of Timber Truss and Frame Manufacture

Modification History

Qualification code updated to FPI50311 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 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. These are:

- Production Manager (Timber Truss and Frame Manufacture)

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"> • Document performance • Articulate expected standards of performance • Adjust and communicate strategies to stakeholders • Communicate opportunities for improvement
Teamwork	<ul style="list-style-type: none"> • Manage team performance • Counsel individuals who continue to perform below expectations • Involve stakeholders and operational staff in risk management processes
Problem-solving	<ul style="list-style-type: none"> • Make decisions to overcome problems • Deal with complex and non-routine difficulties • Identify potential factors impacting on the effectiveness of controls
Initiative and enterprise	<ul style="list-style-type: none"> • Develop strategies to manage organisational systems • Develop, procure and use resources effectively • Identify factors contributing to risk
Planning and organising	<ul style="list-style-type: none"> • Develop work plans • Consider areas identified for further improvement when undertaking planning • Ensure plans achieve agreed specifications
Self-management	<ul style="list-style-type: none"> • Manage own performance and development • Measure and maintain personal performance in varying work conditions • Maintain appropriate work-life balance
Learning	<ul style="list-style-type: none"> • Provide on the job coaching to improve performance • Monitor and coach individuals with poor performance • Lead and manage continuous improvement systems • Conduct formal and informal research
Technology	<ul style="list-style-type: none"> • Source tools to assist in analysing potential hazards • Use technology efficiently and effectively to manage work priorities and commitments

Packaging Rules

Total number of units = 19

- 5 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 IV, Diploma or Advanced 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 truss and frame industry.

CORE UNITS

Field	Unit Code	Unit Name
Business	BSBCUS501B	Manage quality customer service
	BSBMGT502B	Manage people performance
	BSBMGT516B	Facilitate continuous improvement
	BSBOHS504B	Apply principles of OHS risk management
	BSBWOR501B	Manage personal work priorities and professional development

ELECTIVE UNITS

Field	Unit Code	Unit Name
Forest	FPICOT5203B	Manage installation and commissioning of equipment
	FPICOT5204B	Organise enterprise maintenance programs
	FPITMM4202B	Diagnose and calculate production costs
	FPITMM5201B	Assess product feasibility of designs
	FPITMM5202B	Develop, trial and evaluate prototypes
	FPITMM5203B	Generate and transfer complex computer-aided drawings and specifications
	FPITMM5204B	Manage product design
	FPITMM5205B	Optimise CNC operations

	FPITMM5206B	Plan production
Information and Communication	ICAU3126B	Use advanced features of computer applications
Construction	CPCCSV5011A	Apply building codes and standards to residential buildings
	CPCCSV5012A	Assess timber-framed designs for one and two storey buildings
	CPCCSV5015A	Assess structural requirements for domestic scale buildings
Business	BSBAUD501B	Initiate a quality audit
	BSBINM501A	Manage an information or knowledge management system
	BSBLED501A	Develop a workplace learning environment
	BSBMGT515A	Manage operational plan
	BSBMKG501B	Identify and evaluate marketing opportunities
	BSBSUS501A	Develop workplace policy and procedures for sustainability
Manufacturing	MSACMS600A	Develop a competitive manufacturing system
	MSACMS603A	Develop manufacturing related business plans
	MSACMT230A	Apply cost factors to work practices
	MSACMT452A	Apply statistics to processes in manufacturing
	MSACMT630A	Optimise cost of product
	MSACMT631A	Undertake value analysis of product costs in terms of customer requirements
	MSACMT662A	Develop a documentation control strategy for a

manufacturing enterprise

MSACMT670A Develop and manage sustainable energy practices

MSACMT675A Facilitate the development of a new product

MSAPMSUP390A Use structured problem solving tools