Australian Government

Department of Education, Employment and Workplace Relations

FPI40310 Certificate IV in Timber Truss and Frame Manufacture

Release: 1

ISC INDUSTRY SKILLS COUNCILS
Creating Australia's Future

FPI40310 Certificate IV in Timber Truss and Frame Manufacture

Modification History

Not Applicable

Description

Not Applicable

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

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	• Record and report quality and product care procedures • Interact appropriately with colleagues and others in the workplace • Use culturally appropriate communication skills
Teamwork	• Facilitate the development of the workgroup • Determine team development needs
Problem-solving	• 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	• Identify resources and timelines required for learning activities • Conduct progress reviews • Monitor material grading for best end use
Planning and organising	• Monitor and record organisational environmental goals • Plan product recovery to optimise resource value and minimise waste • Coordinate and monitor quality of output
Self-management	• Monitor tasks in accordance with legislative requirements • Organise duties, equipment and materials in accordance with SHE requirements
Learning	• Identify and implement learning and development needs • Provide workplace learning opportunities • Provide coaching and mentoring assistance
Technology	• Monitor machinery and equipment maintenance

Packaging Rules

Packaging Rules
Total number of units = 17

3   Core units *plus*

14 Elective units from the list below. Up to 3 relevant units may be selected from units recommended for packaging at Certificate III, Certificate IV or Diploma in any endorsed Training Package or State/Territory accredited course

CORE UNITS

Field	Unit Code	Unit Name
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 Name
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
	BSBCUS401A	Coordinate implementation of customer service strategies
	BSBCUS501B	Manage quality customer service
	BSBINM401A	Implement workplace information system
	BSBITS401A	Maintain business technology

CORE UNITS

	BSBLED501A	Develop a workplace learning environment
	BSBMGT402A	Implement operational plan
	BSBPMG407A	Apply risk management techniques
	BSBPMG510A	Manage projects
Construction	CPCCBC4001A	Apply building codes and standards to the construction process for low rise building projects
	CPCCBC4004A	Identify and produce estimated costs for building and construction projects
	CPCCBC4005A	Produce labour and material schedules for ordering
	CPCCBC4024A	Resolve business disputes
	CPCCCA3006A	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	CUVDSP15B	Research and apply techniques for application to spatial design
Health and Safety	HLTFA402B	Apply advanced first aid
	HLTFA403A	Manage first aid in the workplace
Manufacturing	MSACMC410A	Lead change in a manufacturing environment
	MSACMS400A	Implement a competitive manufacturing system
	MSACMT250A	Monitor process capability
	MSACMT450A	Undertake process capability improvements
	MSACMT460A	Facilitate the use of planning software systems in manufacturing

Forestworks Learning and Skill Development

CORE UNITS

	MSACMT482A	Assist in implementing a proactive maintenance strategy
	MSAPMOPS404A	Co-ordinate maintenance
	MSAPMSUP390A	Use structured problem solving tools
Training	TAEASS401A	Plan assessment activities and processes
	TAEASS402A	Assess competence
	TAEDEL401A	Plan, organise and deliver group-based learning
	TAEDEL402A	Plan, organise and facilitate learning in the workplace

Forestworks Learning and Skill Development