



Australian Government

FPI30711 Certificate III in Sawdoctoring

Release 3

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Modification History

Release 2

New unit added to elective bank:

- FPICOT3263

Release 1.1

One imported unit of competency updated:

- MEM05006C replaces MEM05006B - Equivalent

Description

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

Pathways Information

This qualification has three employment pathways for typical operational environments of sawmilling and processing. These are:

- Saw Maker
- Saw Repairer
- Sawdoctor

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"> • Accurately interpret and convey information in written, sketch or oral form • Establish and maintain communication with others in accordance with occupational health and safety requirements • Record and report sketch and drawing preparation and interpretation activities to the appropriate personnel • Use appropriate communication and interpersonal techniques with colleagues and others
Teamwork	<ul style="list-style-type: none"> • Communicate effectively and work safely with others in the work area • Contribute to team outcomes • Encourage and support team members to take responsibility for their own work and to assist each other in undertaking required roles and responsibilities • Review and clarify work order with appropriate personnel, which may include supervisors, suppliers, clients, colleagues and managers
Problem-solving	<ul style="list-style-type: none"> • Assess and control risks • Identify and resolve problems including methods for identifying omissions or areas of insufficient detail in sketches and drawings • Identify problems and equipment faults and demonstrate appropriate response procedures • Immediately assess and rectify problems to avoid repetition of damage to blades
Initiative and enterprise	<ul style="list-style-type: none"> • Detect and assess hazards in the work area and report to appropriate personnel • Effectively identify omissions and areas of insufficient detail and demonstrate appropriate response procedures • Encourage team members to participate in the planning, decision making and operational aspects of the work team to their level of responsibility • Visually inspect products before processing or completion

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Planning and organising	<ul style="list-style-type: none"> • Check and conform with product specifications • Comply with legislation, regulations, standards, codes of practice and established safe practices and procedures for preparing and interpreting sketches and drawings • Prepare for maintenance • Review and accurately identify work requirements
Self-management	<ul style="list-style-type: none"> • Apply, follow and adhere to quality system procedures to personal work • 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	<ul style="list-style-type: none"> • Identify opportunities for professional development • Implement training and operational controls in accordance with workplace procedures - training may include in-house or external training programs or one-on-one supervision, programs that maintain up-to-date knowledge of legislative changes at the local, State and federal level • Practise and record emergency and evacuation procedures in the event of an emergency • Support the team to identify and resolve problems which impede its performance
Technology	<ul style="list-style-type: none"> • Accurately identify and interpret sketches or drawing features to provide a three-dimensional picture of components, assemblies or structures - sketches or drawings may be computer assisted, free hand or completed with simple drawing instruments • Use and maintain relevant tools, machinery and equipment • Use computerised design where appropriate

Packaging Rules

Total number of units = 26

- 10 core units plus
- 16 elective units, consisting of:

- up to 16 units from the elective units listed below
- 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 sawdoctoring 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
	FPICOT3204B	Prepare and interpret sketches and drawings
	FPICOT3211B	Maintain sawdoctoring tools
	FPICOT3233B	Sharpen and align blades and knives
	FPICOT3247B	Select timber for forestry operations
	FPISAW3228B	Apply principles of blade design to sawing procedures
	MEM05006C	Perform brazing and/or silver soldering

ELECTIVE UNITS

Field	Unit Code	Unit Title
Sawdoctoring	FPICOT3201B	Hand sharpen knives and blades
	FPICOT3210B	Sharpen cutting tools
	FPICOT3212B	Replace saws, blades and guides
	FPICOT3213B	Manufacture cutting tools
	FPICOT3215B	Swage and shape saw blades
	FPICOT3216B	Assess and maintain saw performance

FPICOT3217B	Assess and maintain cutter performance
FPICOT3237B	Produce templates
FPICOT3263	Maintain and contribute to energy efficiency
FPISAW3207B	Sharpen band saws
FPISAW3208B	Sharpen circular saws
FPISAW3209B	Align sawing production systems
FPISAW3210B	File and set saws
FPISAW3211B	Recondition guides
FPISAW3212B	Sharpen tipped circular saws
FPISAW3213B	Level and tension circular saws
FPISAW3214B	Join band saw blades
FPISAW3217B	Hard face saw teeth
FPISAW3218B	Replace tungsten tips
FPISAW3219B	Replace stellite tips
FPISAW3220C	Maintain wide band saw blades
FPISAW3221B	Profile saw blanks
FPISAW3222B	Recondition band mill wheels
FPISAW3225B	Maintain frame saw blades
MEM05004C	Perform routine oxyacetylene welding
MEM05049B	Perform routine gas tungsten arc welding
MEM05050B	Perform routine gas metal arc welding