



Australian Government

FWPCOT2208 Resaw boards and timber

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT2208B Resaw boards and timber, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to plan and produce boards by resawing larger boards. Work is completed in a forest products factory setting and includes adjusting and maintaining sawing equipment.

The unit applies to Saw Operators, Sawyers, Benchmen, and Wood Machinists

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Common Technical; applies across sectors

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Prepare for operation	1.1 Review work order and where required check with appropriate personnel. 1.2 Identify sizes and quantities for resawn boards and obtain material for resawing. 1.3 Select appropriate equipment and check for operational

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	<p>effectiveness in line with manufacturer's recommendations.</p> <p>1.4 Plan sequence of machining operations in line with work order and to suit multiple cuts.</p>
2. Produce Boards	<p>2.1 Follow lock out procedures and adjust saws, carriage, speeds and feeds to suit types of boards and timber, dimensions, and cutting sequence.</p> <p>2.2 Use equipment in line with organisational safety procedures, manufacturer's instructions environmental protection practices.</p> <p>2.3 Select and follow cutting sequence to produce required quantity.</p> <p>2.4 Maintain feed rate appropriate to timber condition and board size.</p> <p>2.5 Regularly tally resawn boards and timber against work orders.</p> <p>2.6 Clear work area regularly in line with in line with organisational safety procedures.</p> <p>2.7 Identify damaged sawn material and dispose of or recycle in line with environmental protection practices.</p>
3. Assess conditions and maintain optimum sawing processes	<p>3.1 Assess sawing conditions regularly to determine optimal feed rate and finish.</p> <p>3.2 Adjust sawing feed rate to achieve finished dimensions in line with work order.</p> <p>3.3 Evaluate finish regularly and make adjustments to maximise product quality.</p> <p>3.4 Regularly measure cross section dimensions of sawn boards against standard sizes and tolerances and adjust sawing process.</p> <p>3.5 Identify routine processing and equipment faults and resolve or report to appropriate personnel.</p> <p>3.6 Complete production and quality records and report in line with organisational procedures.</p>

ELEMENTS	PERFORMANCE CRITERIA
4. Complete operator maintenance	4.1 Follow organisational safety procedures to lock out equipment. 4.2 Check cutters and saw blades for bluntness or damage. 4.3 Remove and replace cutters and blades in line with manufacturer's recommendations. 4.4 Dispose of used blades in line with organisational procedures and environmental protection practices. 4.5 Complete basic non-specialist maintenance for equipment. 4.6 Record and report equipment faults and maintenance requirements to appropriate personnel.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	<ul style="list-style-type: none"> • identify quantities of required material within work orders and count raw materials • interpret order sizes and set up equipment to achieve correct dimensions • calculate the feed rate to optimise quality and quantity of production output • accurately measure cross section dimensions of sawn boards against standard sizes and tolerances • complete routine production records involving dimensions and quantities tallied against orders.
Oral communication skills to:	<ul style="list-style-type: none"> • ask open and closed probe questions and actively listen to clarify contents of work orders • make accurate verbal reports on processing and equipment faults.
Reading skills to:	<ul style="list-style-type: none"> • interpret: <ul style="list-style-type: none"> • workplace health and safety and other organisational procedures • work orders • manufacturers' instructions and maintenance recommendations.
Writing skills to:	<ul style="list-style-type: none"> • complete accurate basic records for production outcomes, equipment faults and maintenance requirements.

Planning and organising skills to:	<ul style="list-style-type: none">efficiently and logically sequence the stages of preparation and production using work order to guide activities.
Problem-solving skills to:	<ul style="list-style-type: none">identify and dispose of damaged sawn materialrecognise faulty equipment and resolve by reporting or rectifying.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT2208B Resaw boards and timber

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>