



Australian Government

FWPTMM3201 Convert timber

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPITMM3201B Convert 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 prepare and re-saw material to width and on the thickness with a power driven saw to optimise timber conversion and usability. Work includes non-specialist saw maintenance and is completed in a forest and wood products factory setting.

The unit applies to Sawyer, Saw Operator, Machine Operator, Timber Products Technician.

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

Pre-requisite Unit

Nil

Unit Sector

Timber Manufactured Products

Timber Merchandising

Elements and 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>
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1. Prepare for conversion	<p>1.1 Review work order and where required check with appropriate personnel.</p> <p>1.2 Obtain type and quantity of material to be converted from storage location.</p> <p>1.3 Select appropriate equipment and check for operational effectiveness in line with manufacturer's recommendations.</p> <p>1.4 Plan timber conversion and saw set-up in line with work plan.</p>
2. Produce boards	<p>2.1 Set and regularly check saw, carriage and feed and adjust to suit conversion plan, ordered sizes and tolerances.</p> <p>2.2 Use equipment and machinery in line with organisational procedures, manufacturer's instructions and environmental protection practices.</p> <p>2.3 Monitor timber supply to ensure constant supply to saw.</p> <p>2.4 Maintain feed rate and operate saw bench to produce boards without damage to boards or saw blade.</p> <p>2.5 Dispose of incorrect cuts, off-cuts and material with defects in line with environmental protection practices.</p> <p>2.6 Stack material safely in designated location in line with work order requirements.</p> <p>2.7 Report processing and equipment faults to appropriate personnel.</p>
3. Complete operator maintenance	<p>3.1 Follow organisational safety procedures to lock-out equipment.</p> <p>3.2 Check saw blades for bluntness or damage.</p> <p>3.3 Remove and replace saw blades in line with manufacturer's recommendations.</p> <p>3.4 Dispose of used blades in line with organisational procedures and environmental protection practices.</p> <p>3.5 Keep saw area clear of dust, off-cuts and debris in line with WHS and site requirements.</p>

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 plans and count raw materials • interpret order sizes and set up the saw to achieve correct depth, width and thickness of cut
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	<ul style="list-style-type: none"> calculate the feed rate to optimise quality and quantity of production output.
Oral communication skills to:	<ul style="list-style-type: none"> ask 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"> WHS and other organisational procedures work orders manufacturers' instructions and maintenance recommendations.
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"> recognise faulty equipment and resolve by reporting or rectifying.
Technology skills to:	<ul style="list-style-type: none"> select, use and maintain appropriate machinery, tools and personal protective equipment used for conversion activities.

Range of Conditions

Not Applicable

Unit Mapping Information

FPITMM3201B Convert timber

Links

Companion Volume implementation guides are found in VETNet -

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