



Australian Government

FWPTMM3210 Convert timber

Release: 1

FWPTMM3210 Convert timber

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 5.0.

Application

This unit of competency describes the skills and knowledge required to prepare and re-saw material to specified width and thickness with a power driven saw to optimise timber conversion and usability. This includes identifying requirements in a work order, following workplace health and safety procedures, planning timber conversion, producing sawn boards and performing routine machine maintenance.

The unit applies to individuals who use sawing machines to convert timber in a timber processing or manufacturing facility.

No licensing, legislative 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

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for conversion	1.1 Review work order to determine job requirements and, where required, seek clarification from appropriate personnel 1.2 Review workplace health and safety procedures, including the use of personal protective equipment, equipment lock-out and safe manual handling techniques

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify, assess and take actions to mitigate risks and hazards associated with converting timber 1.4 Identify workplace environmental protection procedures for minimising and disposing of waste material, cleaning tools and equipment, and maximising energy efficiency 1.5 Obtain type and quantity of material to be converted from storage location 1.6 Select appropriate equipment, and check for operational effectiveness in line with manufacturer recommendations 1.7 Plan timber conversion and saw set-up according to work order
2. Produce boards	2.1 Set and regularly check saw, carriage and feed, and adjust to suit conversion plan, ordered sizes and tolerances 2.2 Use equipment and machinery according to workplace procedures, safety requirements, manufacturer instructions and environmental protection practices 2.3 Monitor timber supply to ensure quality of finished product and constant supply to saw 2.4 Maintain feed rate and operate saw bench to produce boards without damage to boards or saw blade 2.5 Dispose of incorrect cuts, off-cuts and material with defects according to environmental protection practices 2.6 Stack material safely in designated location according to work order 2.7 Report processing and equipment faults to appropriate personnel
3. Complete operator maintenance	3.1 Follow workplace safety procedures to lock out equipment 3.2 Check saw blades for bluntness or damage 3.3 Remove and replace saw blades according to manufacturer recommendations 3.4 Dispose of used blades according to workplace procedures and environmental protection practices 3.5 Keep saw area clear of dust, off-cuts and debris according to safety and site requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interprets key requirements in workplace health and safety and environmental procedures for clearing sawn waste from work area
Writing	Completes basic written production reports and tally sheets
Oral communication	Responds to oral questions on routine matters related to output quality
Numeracy	- Uses basic arithmetic skills to identify quantities of required material within work plans, and counts raw materials - Uses standard units of measure to identify order sizes and set up the saw to achieve correct depth, width and thickness of cut - Interprets graphical information in charts to identify the feed rate to optimise quality and quantity of production output
Navigate the world of work	Follows workplace policies and procedures relevant to work role
Interact with others	Participates in conversations to inform maintenance staff about equipment faults
Get the work done	Identifies and responds to routine problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPTMM3210 Convert timber	FWPTMM3201 Convert timber	Reworded application; added performance criteria relating to workplace health and safety; revised performance evidence for mapping; updated foundation skills	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

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