



**Australian Government**

# **FWPCOT2262 Cut material to shape using a saw**

**Release: 1**

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## FWPCOT2262 Cut material to shape using a saw

### Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

### Application

This unit of competency describes the skills and knowledge required to prepare and cut material to shape using sawing equipment to produce shaped timber products and to perform basic operator maintenance of sawing equipment.

The unit applies to production workers, sawmill workers, manufacturing assistants and saw operators who undertake specified activities under the instruction of more experienced workers.

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

### Pre-requisite Unit

Nil

### Unit Sector

Common Technical (COT)

### 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 shaping	1.1 Determine job requirements from work order or instruction and, where required, seek clarification from appropriate person 1.2 Confirm safety and environmental requirements for the task according to workplace procedures 1.3 Select, fit and use required personal protective equipment (PPE) 1.4 Identify type and calculate quantity of materials to be shaped, and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>obtain from storage location</p> <p>1.5 Select equipment and check for operational effectiveness according to manufacturer specifications</p> <p>1.6 Identify profile to be cut and select cutting blades</p>
2. Set up shaping equipment	<p>2.1 Follow lock-out procedures, select and attach machine guides to machinery</p> <p>2.2 Check saw blade for sharpness and alignment</p> <p>2.3 Use equipment according to workplace safety and environmental procedures and manufacturer instructions</p> <p>2.4 Set cut in line with required shape and to minimise waste</p> <p>2.5 Stack materials in close proximity to maximise ease of machine feeding</p> <p>2.6 Test equipment set-up for correct alignment through trial run on timber, and adjust as required</p>
3. Cut material to shape	<p>3.1 Reject material with defects and dispose of according to workplace and environmental requirements</p> <p>3.2 Feed material into machine at feed rate prescribed in manufacturer instructions</p> <p>3.3 Follow, maintain and adjust cutting sequence to produce required quantity and maximise feed rate</p> <p>3.4 Check jig or shape line regularly and adjust to maintain desired cut</p> <p>3.5 Stack material safely in designated location according to workplace requirements</p> <p>3.6 Identify routine processing and equipment faults and resolve or report to appropriate person</p> <p>3.7 Complete production and quality records according to workplace procedures</p>
4. Complete operator maintenance	<p>4.1 Follow safety procedures to lock out equipment according to workplace procedures</p> <p>4.2 Check saw blades for bluntness or damage</p> <p>4.3 Remove and replace saw blades according to manufacturer recommendations and send used blades for re-sharpening or disposal</p> <p>4.4 Complete basic non-specialist maintenance for equipment</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>according to workplace procedures</p> <p>4.5 Keep machine area clear of dust, offcuts and debris</p> <p>4.6 Clean work area and reuse or recycle waste and dispose of debris according to workplace and environmental requirements</p> <p>4.7 Record and report equipment faults and maintenance requirements to appropriate personnel</p>

## 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	<ul style="list-style-type: none"> <li>Interpret relevant information from workplace and manufacturer documentation to safely operate and maintain equipment</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Ask questions and actively listen to clarify work orders and job tasks</li> <li>Use industry terminology to clearly specify processing and equipment faults</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Use basic mathematical formulas to calculate material quantities</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2262 Cut material to shape using a saw	FWPCOT2232 Cut material to shape using a saw	<p>Rewording of Application and Performance Criteria</p> <p>Changes to Foundation Skills</p> <p>Addition of frequency, volume and saw use in Performance Evidence</p>	Equivalent

Code and title current version	Code and title previous version	Comments	Equivalence status
		Addition of Knowledge Evidence to align to Performance Criteria	

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>