



Australian Government

FWPCOT2269 Operate and maintain a table saw

Release: 1

FWPCOT2269 Operate and maintain a table saw

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

Application

This unit of competency describes the skills and knowledge required to use a table saw to cut timber or engineered wood products. This activity includes assessing sawing conditions and adjusting feed rate and sawing equipment to maximise product quality.

The unit applies to individuals who use a table saw to saw timber or engineered wood products in a wood products facility.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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 operation	1.1 Determine job requirements from work order and cutting pattern and, where required, seek clarification from appropriate personnel 1.2 Confirm workplace health and safety procedures, including 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 and assess hazards and take actions to mitigate risks related to operating a table saw 1.4 Identify workplace environmental protection practices and/or procedures for minimising and disposing of waste material, cleaning tools and equipment, and maximising energy efficiency 1.5 Check input product to ensure supply and quality meets specification
2. Operate table saw	2.1 Follow machine lock-out procedures and adjust saws, carriage, speeds and feeds to suit type of material, dimensions and cutting sequence 2.2 Use table saw according to manufacturer instructions and workplace health and safety and environmental protection practices and/or procedures 2.3 Select and follow cutting sequence to produce required quantity 2.4 Maintain feed rate appropriate to condition and size of product 2.5 Clear work area according to workplace health and safety procedures 2.6 Dispose of incorrect cuts, off-cuts and defective product according to workplace environmental protection practices and/or procedures 2.7 Stack material safely in designated location according to workplace procedure
3. Assess sawing conditions and maintain optimum sawing processes	3.1 Assess sawing conditions regularly to determine optimal feed rate and finish 3.2 Adjust sawing feed rate to achieve finished dimensions according to work order 3.3 Evaluate finished product regularly and adjust sawing process to maximise product quality 3.4 Regularly measure dimensions of finished product against standard sizes and tolerances, and adjust sawing process 3.5 Identify routine processing and equipment faults, and resolve or report to appropriate personnel 3.6 Complete production and quality records, and report according to workplace procedures
4. Complete operator	4.1 Lock out machine and equipment according to workplace health

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
maintenance	and safety procedures 4.2 Check saw blades for bluntness or damage 4.3 Remove and replace blades according to manufacturer recommendations 4.4 Dispose of used blades according to workplace environmental protection practices and/or procedures 4.5 Complete basic non-specialist maintenance of equipment 4.6 Record and report equipment faults and maintenance requirements to appropriate personnel

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	Interpret routine workplace documents, including workplace health and safety guidelines, workplace procedures, cutting lists and work orders
Oral communication	Ask questions and actively listen to clarify work orders and job tasks and report workplace issues
Numeracy	- Calculate feed rate to optimise quality and quantity of production output - Accurately measure dimensions of sawn timber against standard sizes and tolerances

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2269 Operate and maintain	FWPCOT2245 Operate and maintain	Reworded Application statement to broaden unit	Not equivalent

a table saw	a table saw	scope Minor updates to Performance Criteria Revised Foundation Skills and Performance Evidence Minor edits to Knowledge Evidence and Assessment Conditions	
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Links

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