



Australian Government

FWPCOT3299 Cut timber or engineered wood product to profile

Release: 1

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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 use profiling equipment for cutting timber or engineered wood products to a profile to produce moulded products in a manufacturing facility.

The unit applies to individuals who work as benchman, machine operators, timber products technicians, production technicians and press operators.

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, regulatory 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 profiling timber or engineered wood products	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 cutting timber or engineered wood products to profile 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 the type and quantity of material for profiling from a storage location 1.6 Identify profile to be cut, and select appropriate cutting blades according to specifications
2. Set up profiling equipment	2.1 Use equipment according to workplace health and safety procedures, manufacturer instructions and environmental protection practices 2.2 Follow lock-out procedures, select and attach machine guides and install cutting blades 2.3 Set depth of cut or profile according to the required shape and to minimise waste 2.4 Stack material in close proximity to maximise ease of machine feeding 2.5 Test equipment set-up for correct profile alignment through a trial run, and adjust as required
3. Cut timber or engineered wood product to profile	3.1 Feed timber or engineered wood product into the machine at feed rate prescribed by organisational requirements 3.2 Follow, maintain and adjust cutting sequence to produce the required quantity and maximise feed rate 3.3 Check profiling process regularly and adjust to maintain desired depth and profile 3.4 Dispose of incorrect cuts, off-cuts and defective material according to environmental protection practices 3.5 Stack material safely in designated location according to work order
4. Complete operator maintenance	4.1 Lock out equipment according to workplace health and safety procedures and manufacturer recommendations 4.2 Check cutting blades for bluntness or damage according to manufacturer specifications 4.3 Remove and replace cutting blades according to manufacturer

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	recommendations 4.4 Keep machine area clear of dust and debris according to workplace health and safety procedures 4.5 Record and report production outcomes, 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
Numeracy	- Identifies quantities of required material within work orders, and counts numbers of panels to be profiled - Completes basic calculations of required depth of cut or profile to determine equipment set-up - Measures finished dimensions against specifications and allowable tolerances
Navigate the world of work	Understands main tasks, responsibilities and boundaries of own role
Interact with others	Uses modes of communication suitable for the purpose to confirm and clarify understanding
Get the work done	Recognises and responds to routine problems

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3299 Cut timber or engineered wood product to profile	FWPCOT3265 Cut timber or engineered wood product to profile	Reworded performance evidence for clarity	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>