



Australian Government

FWPCOT3244 Cut material to profile

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3244B Cut material to profile, 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 cut material to a profile with shaping equipment to produce moulded timber products. Work is completed in a forest products factory setting and includes operator maintenance.

The unit applies to Benchman, Machine Operator, Timber Products Technician, Production technician, Press operator.

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

Pre-requisite Unit

Nil

Unit Sector

Common Technical

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>
1. Prepare for profiling	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate personal protective and other equipment and check for operational effectiveness.

	1.3 Obtain type and quantity of material for profiling from storage location. 1.4 Identify profile to be cut and select cutting blades.
2. Set up profiling equipment	2.1 Use equipment in line with organisational safety procedures, manufacturer's 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 in line with 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 trial run and adjust as required.
3. Cut material to profile	3.1 Feed material into machine at feed rate prescribed by organisational requirements. 3.2 Follow, maintain and adjust cutting sequence to produce 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 in line with environmental protection practices. 3.5 Stack material safely in designated location in line with work order.
4. Complete operator maintenance	4.1 Follow organisational safety procedures to lock out equipment. 4.2 Check cutting blades for bluntness or damage. 4.3 Remove and replace cutting blades in line with manufacturer's recommendations. 4.4 Keep machine area clear of dust and debris in line with organisational safety procedures. 4.5 Record and report production outcomes, equipment faults and maintenance requirements to appropriate personnel.

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:	• identify quantities of required material within work orders and count numbers of panels to be profiled • complete basic calculations of required depth of cut or profile to determine equipment set up • measure finished dimensions against specifications and allowable tolerances.
Oral communication skills to:	• ask open and closed probe questions and actively listen to clarify contents of work orders.
Reading skills to:	• interpret: • workplace health and safety and other organisational procedures • work orders • manufacturers' instructions and maintenance recommendations.
Writing skills to:	• complete accurate basic records for production outcomes, equipment faults and maintenance requirements.
Planning and organising skills to:	• efficiently and logically sequence the stages of preparation and production using work order to guide activities.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3244B Cut material to profile

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>