



Australian Government

FWPCOT2211 Produce pointed timber products

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT2211B Produce pointed timber products, 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 prepare and conduct pointing operations of hardwood and softwood material using cutter or saw type machinery.

The unit applies to operators who produce pointed timber products in a forest products factory setting.

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

Pre-requisite Unit

Nil

Unit Sector

Common Technical; applies across sectors

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. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Prepare for pointing operation	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate equipment and check for operational effectiveness in line with manufacturer's recommendations. 1.3 Plan pointing operations in line with work order.

2. Maintain pointing operation	2.1 Follow lock out procedures and adjust machinery to suit size and type of timber to be processed. 2.2 Use equipment in line with organisational safety procedures, manufacturer's instructions environmental protection practices. 2.3 Produce posts and pegs at optimal rate consistent with material type, acceptable surface finish and equipment capability. 2.4 Monitor pointing operation to ensure consistency of product dimension, quality and finish in line with organisational quality standards. 2.5 Monitor shaving and sawdust removal system to ensure waste material is effectively controlled. 2.6 Coordinate supply of material with appropriate personnel and report timber faults. 2.7 Sort and process finished products in line with organisational procedures. 2.8 Identify routine processing and equipment faults and resolve or report to appropriate personnel.
3. Shut down operation	3.1 Shut down pointing operation in line with manufacturer's recommendations. 3.2 Complete basic non-specialist maintenance for equipment in line with manufacturer's recommendations. 3.3 Record and report equipment faults and maintenance requirements to appropriate personnel. 3.4 Clear work area and dispose of waste in line with environmental protection practices. 3.5 Complete production and quality records and report in line with organisational procedures.

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:	- interpret order sizes and set up equipment to achieve correct dimensions and grades - measure finished dimensions with accuracy appropriate to tolerances.
Oral communication	ask questions and actively listen to clarify contents of work orders

skills to:	• make accurate verbal reports on processing and equipment faults.
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.
Problem-solving skills to:	• identify and reject faulty timber • recognise faulty equipment and resolve by reporting or rectifying.
Technology skills to:	• select, use and maintain appropriate machinery, tools and personal protective equipment used for producing pointed timber products.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT2211B Produce pointed timber products

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for FWPCOT2211 Produce pointed timber products

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Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- produce pointed timber products in line with an individual work orders, which includes the following types of posts:
 - round poles covering the full range of sizes for which the equipment is suitable
 - rectangular sawn material covering the full range of sizes for which the equipment is suitable
- complete these types of basic non-specialist maintenance:
 - cleaning the machine of wood chips and sawdust
 - replacing blunt cutters or saw blades
 - inspecting machine parts for wear or damage, including guards
 - greasing and lubricating moving parts
 - checking the operation of emergency stop buttons and lock out systems.
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Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- environmental protection practices for forest products factory settings:
 - reducing water and energy use

- cleaning plant, tools and equipment
- disposing of, recycling and reusing timber
- typical timber defects and how these affect ability to produce a quality finished product:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- stages of the pointing process
- tools and equipment used for producing pointed timber products; their purpose, features and operation including:
 - manually loaded equipment
 - rotating cutters and saws
- organisational procedures specific to producing pointed timber products including:
 - workplace health and safety with particular emphasis on equipment lock out
 - use and maintenance of equipment
 - communication reporting lines
 - recording and reporting production outcomes and equipment faults.

Assessment Conditions

The following resources must be made available:

- tools and equipment used to produce pointed timber products:
 - manually loaded equipment
 - rotating cutters and saws
- maintenance tools and equipment for rotating cutters and saws
- consumable components; cutters and saw blades
- personal protective equipment suitable for producing pointed timber products
- timber used to produce pointed timber products
- manufacturers':
 - instructions for equipment use
 - recommendations for cleaning, repairing and maintaining
- work order with specific details of:
 - material to be pointed
 - special client requirements
 - production timelines
- template documents for recording production outcomes and equipment faults
- organisational procedures for producing pointed timber products

- relevant personnel for the purposes of communicating information

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

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