



Australian Government

FWPCOT3237 Produce templates

Release: 1

FWPCOT3237 Produce templates

Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3237B Produce templates, 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 produce templates which assist with the operation of static machines and computer numerically controlled (CNC) equipment used to produce shaped, tapered or moulded products. Work is completed in a forest products factory setting.

The unit applies to Timber Products Technician, Machine 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. Plan template production	1.1 Review work order and where required check with appropriate personnel. 1.2 Identify type and quantity of required templates and plan process in line with work order. 1.3 Select template material of appropriate size, strength and flexibility for equipment use. 1.4 Interpret drawings and specifications for templates and equipment

	application. 1.5 Measure and plot dimensions; maintain correct angles, arcs and curves to produce pattern. 1.6 Check pattern dimensions, shape and measurements against drawings and specifications through visual inspection.
2. Produce templates	2.1 Use equipment in line with organisational safety procedures, manufacturer's instructions and environmental protection practices. 2.2 Construct template using patterns to ensure accurate outcomes. 2.3 Position hardware so that it does not affect or obstruct equipment use. 2.4 Date and sign template patterns, and make detailed notations for use. 2.5 Dispose of rejected templates and off-cuts in line with environmental protection practices. 2.6 Store plans in line with organisational procedures. 2.7 Record and report production outcomes and equipment faults 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:	- interpret detailed production data from work orders, drawings and specifications to: - count quantities of materials and hardware components and select appropriate sizes - precisely measure and check angles, arcs and curves against specifications.
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 - notations on template drawings and specifications.

Writing skills to:	• complete detailed notations for future use of patterns • complete accurate basic records for production outcomes and equipment faults.
Planning and organising skills to:	• efficiently and logically sequence the stages of template production using work order, drawings and specifications to guide activities.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3237B Produce templates

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 FWPCOT3237 Produce templates

Modification History

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1	Replaces equivalent unit FPICOT3237B Produce templates, 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. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement

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:

- follow organisational policies and procedures relevant to producing templates
- produce templates in line with the work order and product requirements

Knowledge Evidence

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

- key features of patterns and templates and their purpose
- types and key features of equipment that are assisted by templates
- types and key features of shaped, tapered or moulded products produced with the assistance of templates
- characteristics of materials used for templates and how these affect template use:
 - strength
 - direction of grain
 - hardness
 - flexibility
- typical assembly sequences and range of techniques used to produce templates
- purpose, features and operation of equipment used to assemble templates
- purpose, features and use of assembly componentry
- organisational policies and procedures specific to producing templates
 - workplace health and safety with particular emphasis on on equipment lock out and use of personal protective equipment

- communication reporting lines
- recording and reporting production outcomes and equipment faults
- environmental protection practices for producing templates:
 - reducing water and energy use
 - disposing of, recycling and reusing timber and other waste

Assessment Conditions

The following resources must be made available:

- measuring equipment
- patterns
- assembly equipment
- personal protective equipment suitable for producing templates
- consumable metal and ply suitable for pattern preparation
- consumable materials suitable for templates including one or more of the following:
 - dressed timber
 - medium density fibreboard
 - laminated veneer
 - chipboard
 - fibreboard
- consumable nails, screws and adhesives
- manufacturers' instructions for equipment use
- work order, drawings and specifications for template production
- template documents for recording production outcomes and equipment faults
- organisational procedures for producing templates.

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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