



Australian Government

FWPCOT2202 Rack material

Release: 1

FWPCOT2202 Rack material

Modification History

Release	Comments
1	Replaces equivalent unit FPICOT2202B Rack material, 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 identify, sort and rack hardwood or softwood material in a forest products factory settings. The unit includes verification of material to ensure appropriate quality and separation of material with faults.

The unit applies to Kiln Worker, Treatment Plant Worker, Sawmill Worker, Production Worker, Manufacturing Assistant (Timber Products), Timber Manufacturing Worker, Timber Products Worker, Timber Puller.

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

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	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.
1. Prepare to rack material	1.1 Review work order and where required check with appropriate personnel.

ELEMENTS	PERFORMANCE CRITERIA
	1.2 Identify type and quantity of material to be racked. 1.3 Select appropriate personal protective and other equipment and check for operational effectiveness. 1.4 Plan racking processes in line with work order.
2. Identify material	2.1 Follow organisational safety procedures throughout all racking processes. 2.2 Identify requirements for standard diameter ranges of round poles by visual estimate or use of a measuring tool. 2.3 Identify requirements for standard cross sections of sawn or dressed boards by visual estimate or use of a measuring tool. 2.4 Identify requirements for standard lengths of material by visual estimate or use of a measuring tool 2.5 Identify and interpret stress grade labels, colour identification marks and other tags
3. Rack material	3.1 Check bearers for consistent thickness and damage and dispose of substandard ones. 3.2 Place bearers and spacing sticks squarely, evenly and consistently. 3.3 Rack material in line with work order and organisational safety procedures. 3.4 Rack material of consistent type, cross section, length or diameter. 3.5 Identify, separate and dispose of faulty material in line with environmental protection practices. 3.6 Clear work area regularly to maintain a safe and efficient workflow. 3.7 Record and report processes 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:	identify diameters, cross sections and lengths of materials by visual estimation or using a measuring tape or gauge.
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	• complete basic calculations for spacing of bearers.
Oral communication skills to:	• ask open and closed probe questions and actively listen to clarify contents of work orders.
Reading skills to:	• interpret detailed familiar and unfamiliar: • workplace health and safety and other organisational procedures • work orders.
Writing skills to:	• complete accurate basic records for processes and equipment faults.
Planning and organising skills to:	• efficiently and logically sequence the stages of preparation and racking work using work order to guide activities.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT2202B Rack material

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 FWPCOT2202 Rack material

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1	Replaces equivalent unit FPICOT2202B Rack material, 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 racking material
- safely prepare, sort and rack material to industry standards
- identify, separate and safely dispose of material with faults.
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Knowledge Evidence

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

- environmental protection practices for disposing of, recycling and reusing timber and other waste
- range of industry standard diameters, lengths, cross sections, tolerances, stress grades and applicable terminology
- methods of visual estimation, grading, colour identification and tagging
- purpose, features and operation of equipment used to rack materials
- requirements for quality and dimensions of bearers
- organisational procedures specific to racking material:
 - workplace health and safety with particular emphasis on use of personal protective equipment
 - communication reporting lines

- recording and reporting processes and equipment faults.
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Assessment Conditions

The following resources must be made available:

- tools and equipment used to rack materials
- personal protective equipment (PPE) suitable for racking material
- commercial quantities of timber materials to be racked
- work order with specific instructions for racking material
- template documents for recording processes and equipment faults
- organisational procedures for racking material.

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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