



Australian Government

FWPCOT3226 Assess timber for manufacturing potential

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to assess timber for its manufacturing potential for frame or truss construction. It includes assessing timber for the ability to hold nail plates and retain engineered strength ratings.

The unit applies to timber fabricators or manufacturing assistants who take responsibility for organising and completing tasks with a high degree of self-direction.

No licensing, legislative 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 assessing	<p>1.1 Determine job requirements from work orders and identify type and quantity of material for processing, seeking clarification from appropriate person where required</p> <p>1.2 Confirm safety and environmental requirements for the task according to workplace and environmental and safety procedures</p> <p>1.3 Sequence stages for timber assessment and movement of materials to maximise production outputs</p> <p>1.4 Access storage area and select materials according to work order</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	requirements
2. Assess timber	<p>2.1 Assess timber visually and evaluate characteristics and defects against industry and Australian Standards to determine manufacturing potential</p> <p>2.2 Measure sectional sizes and lengths of materials according to job specifications</p> <p>2.3 Separate materials unsuitable for plating or sawing according to assessment</p> <p>2.4 Orientate timber components to optimise use of characteristics</p>
3. Distribute material	<p>3.1 Organise movement of material for processing operations according to workplace procedures</p> <p>3.2 Label material using numerical grades according to workplace procedures</p> <p>3.3 Monitor on-site movement of material to ensure intended work flow is achieved</p> <p>3.4 Recycle unsuitable timber for plating to minimise wastage, and relocate to storage area</p> <p>3.5 Dispose of defective material according to workplace environmental policies and procedures</p> <p>3.6 Record assessment outcomes and distribution problems, and report to appropriate person</p>

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
Reading	<ul style="list-style-type: none"> Interpret information from industry standards to determine manufacturing potential of various timber characteristics
Writing	<ul style="list-style-type: none"> Structure simple assessment reports using appropriate concise vocabulary
Oral communication	<ul style="list-style-type: none"> Ask questions and actively listen to confirm work orders or

Skill	Description
	instructions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3226 Assess timber for manufacturing potential	FWPCOT2235 Assess timber for manufacturing potential	Level of skill complexity revised Application clarified Performance Criteria re-sequenced Foundation Skills and Assessment Requirements updated	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>