



Australian Government

FWPCOT2235 Assess timber for manufacturing potential

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT2235A Assess timber for manufacturing potential, 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 assess timber for its manufacturing potential for frame and truss construction. Timber is assessed for ability to hold nail plates and retain engineered strength ratings with particular attention given to serviceability.

Work is completed in a factory environment, usually as part of production of prefabricated trusses, frames and floors.

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

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing

Timber Manufactured Products

Wood Panel Products

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 assessing	1.1 Review work order and where required check with appropriate personnel.

	<p>1.2 Identify type and quantity of material to be assessed and obtain from storage location.</p> <p>1.3 Select appropriate equipment and check for operational effectiveness in line with manufacturer's recommendations.</p> <p>1.4 Plan visual assessment process in line with organisational procedures.</p>
2. Assess timber	<p>2.1 Identify requirements for storage and subsequent processing of materials.</p> <p>2.2 Assess characteristics and defects of material against industry and Australian Standards to determine plating potential.</p> <p>2.3 Identify defects prior to plating or sawing.</p> <p>2.4 Orientate timber components to make best use of characteristics.</p> <p>2.5 Select timber assessed as unsuitable for plating for reprocessing to minimise wastage.</p> <p>2.6 Record assessment outcomes and distribution problems and report to appropriate personnel.</p>
3. Distribute material	<p>3.1 Reject sub-standard materials; dispose of or recycle in line with environmental protection practices.</p> <p>3.2 Organise movement of material to storage or processing operations in line with organisational procedures.</p> <p>3.3 Monitor on-site movement of material to ensure intended flow is achieved.</p> <p>3.4 Label material in line organisational procedures.</p>

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:	<ul style="list-style-type: none"> • identify quantities of assessable material within work orders and count raw materials • measure size of undesirable timber characteristics • complete routine assessment records involving numerical grades, dimensions and quantities tallied against orders.
Oral communication skills to:	<ul style="list-style-type: none"> • ask questions and actively listen to clarify contents of work orders.
Reading skills to:	<ul style="list-style-type: none"> • interpret: <ul style="list-style-type: none"> • organisational procedures

	<ul style="list-style-type: none"> • work orders.
Writing skills to:	<ul style="list-style-type: none"> • produce basic clear labels for timber identification • complete accurate basic reports on assessment outcomes.
Planning and organising skills to:	<ul style="list-style-type: none"> • sequence the stages of assessment using work order to guide activities • coordinate efficient on-site movement of assessed timber to maximise production outputs.
Problem-solving skills to:	<ul style="list-style-type: none"> • recognise undesirable timber characteristics and assess as unfit for plating purpose • identify and dispose of defective materials.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT2235A Assess timber for manufacturing potential

Links

Companion Volume implementation guides are found in VETNet -

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