

**Modification history**

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version [4.0]  Version created to update workplace health and safety requirements in performance criteria and clarify intent of unit and assessment requirements.
Release 1	This version replaces equivalent unit FPIWPP3221B Trim new panels to size, 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.

UNIT CODE	FWPWPP3221 Trim new panels to size
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to trim new <u>engineered wood</u> panels to size with automated trimming saws as they progress along the production line. <u>Work also involves operator maintenance.</u></p> <p>The unit applies individuals who work as production operators and technicians <del>who trim new panels to size in a forest and wood products factory setting and includes operator maintenance in an engineered wood panel facility. Operators generally work under broad or limited direction to complete routine activities related to own work and take responsibility for their work.</del></p> <p><u>All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.</u></p> <p>No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	[Wood Panel Products

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 trimming <u>engineered wood panels</u>	<p>1.1 Review work order and where required check with appropriate personnel</p> <p><u>1.2 Follow workplace health and safety requirements, environmental protection practices and emergency procedures and use personal protective equipment (PPE) in line with operational requirements throughout trimming operation</u></p> <p><u>1.3 Identify and report hazards, accidents, incidents and/or near misses in line with operational requirements and health and safety legislative requirements to maintain safe work practices</u></p> <p><del>1.2 Select personal protective and other equipment and check for operational effectiveness</del></p> <p><del>1.3.4</del> Plan material trimming sequences in line with 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>
2. Trim panels to size	2.1 Use equipment in line with <del>organisational workplace health and</del> safety procedures, manufacturer's instructions and environmental protection practices 2.2 Set feed system to stop material automatically for trimming to be completed 2.3 Monitor trimming sequence until new <del>engineered wood</del> panel production run ceases 2.4 Check cuts for length within set tolerance 2.5 Dispose of incorrect cuts, off cuts and defective material in line with environmental protection practices 2.6 Stack <del>trimmed material</del> <del>engineered wood panels</del> safely in designated location in line with work order
3. Complete operator maintenance	3.1 <del>Lock out equipment</del> <del>Follow organisational in line with workplace health and</del> safety procedures <del>to lock out equipment</del> 3.2 Check saw blades for bluntness or damage 3.3 Remove and replace saw blades in line with manufacturer recommendations 3.4 Keep saw area clear of dust, off-cuts and debris in line with <del>organisational workplace health and</del> safety procedures 3.5 Record and report production outcomes, equipment faults and maintenance requirements to appropriate personnel

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<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Numeracy	<ul style="list-style-type: none"> <li>identify quantities of required material within work orders and count numbers of panels to be trimmed</li> <li>complete basic calculations of required length to determine saw set up</li> <li>measure finished dimensions against specifications and appropriate tolerances</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>ask questions and actively listen to clarify contents of work orders</li> </ul>
Reading:	<ul style="list-style-type: none"> <li>interpret:               <ul style="list-style-type: none"> <li>workplace health and safety and other organisational procedures</li> <li>work orders</li> <li>manufacturer instructions and maintenance recommendations</li> </ul> </li> </ul>
Writing	<ul style="list-style-type: none"> <li>complete accurate basic records for production outcomes, equipment faults and maintenance requirements</li> </ul>
Plan and organise	<ul style="list-style-type: none"> <li>efficiently and logically sequence the stages of preparation and production using work order to guide activities</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
FWPWPP3221 Trim new panels to size	FWPWPP3221 Trim new panels to size	Updated workplace health and safety requirements in performance criteria and clarified intent of unit and assessment requirements	Equivalent unit

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

TITLE	Assessment requirements for FWPWPP3221 Trim new panels to size
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills of this unit. There must be evidence that, on at least one occasion, the individual has:</p> <ul style="list-style-type: none"> <li>• <a href="#">followed workplace health and safety requirements and environmental protection procedures for trimming new engineered wood products</a></li> <li>• produced trimmed <a href="#">engineered wood</a> panels in line with individual work orders prescribing different lengths and tolerances and number of panels; types of panels includes: <ul style="list-style-type: none"> <li>• medium density fibreboard</li> <li>• laminated veneer</li> <li>• chipboard</li> <li>• fibreboard</li> <li>• plywood</li> <li>• continuous ply</li> </ul> </li> <li>• across the above jobs, completed cutting patterns and sequences for single straight cuts and angles requiring one cutting pass set for multiple cuts of the same size</li> <li>• for each of the above jobs, stacked batches of cut panels in storage location according to common length</li> <li>• after each of the above jobs, complete operator maintenance on the saw used.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> <li>• <a href="#">health and operational hazards or risks related to trimming engineered wood panels with automated trimming saws as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides</a></li> <li>• organisational procedures specific to trimming new panels to size: <ul style="list-style-type: none"> <li>• <a href="#">workplace health and safety with particular emphasis on equipment lock out, emergency procedures</a> and use of personal protective equipment</li> <li>• <a href="#">use of equipment</a></li> <li>• communication reporting lines</li> <li>• recording and reporting production outcomes, equipment faults and maintenance requirements</li> </ul> </li> <li>• environmental protection practices for <del>forest products factory</del> <a href="#">engineered wood panels facilities settings</a>: <ul style="list-style-type: none"> <li>• reducing water and energy use</li> <li>• cleaning of plant, tools and equipment</li> <li>• disposing of, recycling and reusing timber and other waste</li> </ul> </li> <li>• typical <a href="#">timber-engineered wood</a> panel defects and how they affect ability to produce quality trimmed panels: <ul style="list-style-type: none"> <li>• warp</li> <li>• wane</li> <li>• cupping</li> <li>• shakes</li> <li>• insect defects</li> <li>• knots</li> <li>• resin pockets</li> </ul> </li> <li>• cutting patterns and sequences for single straight cuts and angles requiring one cutting pass</li> <li>• range of industry standard lengths, cross sections and tolerances and applicable terminology</li> <li>• typical flow of material supply in and out of the trimming area</li> <li>• storage layout and categories for stacking finished <a href="#">engineered wood</a> panels</li> <li>• purpose, features and operation of equipment used to trim new <a href="#">engineered wood</a> panels to size: <ul style="list-style-type: none"> <li>• automated trimming saws</li> <li>• conveyor belt systems</li> </ul> </li> <li>• methods for assessing saw blade condition and completing and basic non-specialist repair and maintenance for saws.</li> </ul>	

### Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - automated trimming saws
  - maintenance tools and equipment for saws
  - consumable saw blades
  - personal protective equipment suitable for trimming engineered wood panels to size
  - a diverse range of commercial engineered wood panels
- specifications:
  - manufacturer instructions for use and maintenance of equipment
  - work order with specific instructions for trimming and storing panels
  - template documents for recording production outcomes, equipment faults and maintenance requirements
  - workplace health and safety and emergency procedures
  - environmental protection procedures
  - organisational procedures for trimming panels to size
- relationships:
  - relevant personnel for the purposes of communicating information.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

### Links

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