

Modification history

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

FWPWPP2XXX	Cut panels
Application	<p>This unit of competency describes the skills and knowledge required to cut panels to size with a power driven saw. The unit includes preparing for work, using a power driven saw to cut materials to size, and performing routine operator maintenance.</p> <p>The unit applies to production workers who cut panels in a forest and wood products factory setting.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Wood Panel Products (WPP)

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 cutting	1.1 Read and interpret work order or instruction to determine job requirements and, where required, seek clarification from appropriate person 1.2 Read and follow workplace safety procedures, including the use of personal protective equipment (PP, equipment lock-out and safe manual handling techniques 1.3 Identify, assess and take actions to mitigate risks and hazards associated with using a power driven saw 1.4 Identify workplace and environmental requirements for minimising and disposing of waste material, recycling and reusing materials and cleaning tools and equipment 1.5 Consult with team members and other appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.6 Locate saw and other support equipment needed for the work and check for correct operation and safety 1.7 Conduct pre-start up checks of saw to determine serviceability according to manufacturer instructions 1.8 Plan cutting patterns and saw set-up sequences according to workplace procedures.
2. Cut material to size or angle	2.1 Use equipment according to workplace safety procedures, manufacturer instructions and environmental requirements 2.2 Mark up material and set stops in preparation for cutting 2.3 Follow cutting sequence and patterns to produce required quantity 2.4 Check cuts for length and angle within set tolerances 2.5 Dispose of incorrect cuts, off cuts and defective material according to workplace and environmental requirements 2.6 Stack material safely in designated location according to workplace procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Complete operator maintenance	3.1 Lock-out, clean and maintain fixed saw according to manufacturer recommendations and workplace procedures 3.2 Check saw blades for bluntness or damage 3.3 Remove and replace saw blades according to manufacturer recommendations 3.4 Dispose of used blades according to workplace and environmental requirements 3.5 Keep machine clear of dust and debris according to workplace safety procedures 3.6 Record and report production outcomes, equipment faults and maintenance requirements to appropriate person

Foundation Skills	
<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>	
Skill	Description
Reading	<ul style="list-style-type: none"> Read workplace documentation and understand requirements
Writing	<ul style="list-style-type: none"> Complete basic records for production outcomes, equipment faults and maintenance requirements
Oral communication	<ul style="list-style-type: none"> Ask open and closed probing questions and actively listen to clarify contents of work plans
Numeracy	<ul style="list-style-type: none"> Complete basic calculations of required length and angle to determine saw set up Use measurements to mark up and check finished dimensions of materials

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
FWPWPP2XXX Cut panels	FWPWPP2201 Cut panels	Application wording updated. Performance criteria in element one rewritten to include risk assessment and hazard mitigation, WHS and environmental requirements and workplace communication. Assessment requirements clarified.	Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47
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TITLE	Assessment requirements for FWPWPP2XXX Cut panels
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has:</p> <ul style="list-style-type: none"> • cut four different sets of panels to length and width within the specified tolerances, from at least two the following materials: <ul style="list-style-type: none"> • medium density fibreboard • laminated veneer • chipboard • fibreboard • plywood • continuous ply • completed cutting patterns and sequences for single straight cuts and angles requiring one cutting pass set for multiple cuts of the same size • stacked cut panels in the designated storage location according to common length and width • completed operator maintenance on the saw used. 	
Knowledge Evidence	
<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"> • environmental requirements for disposing of, recycling and reusing timber and other waste • storage layout and categories for: <ul style="list-style-type: none"> • raw materials • stacking finished panels • typical timber panel defects and how they affect ability to produce quality sawn panels: <ul style="list-style-type: none"> • warp • wane • cupping • shakes • insect defects • knots • resin pockets • cutting patterns and sequences for single straight cuts and angles requiring one cutting pass • range of industry standard lengths, cross sections and tolerances and applicable terminology • purpose, features and operation of equipment used to cut panels: <ul style="list-style-type: none"> • measuring equipment • manually controlled docking and trimming saws • band saws • bench saws • panel saws • saws with adjustable angle • saws with one or multiple blades • table saws • methods for assessing saw blade condition and completing basic non-specialist repair and maintenance for saws • workplace safety: <ul style="list-style-type: none"> • hazard identification and control measures • equipment lock out • personal protective equipment (PPE) • hazardous manual tasks • communication reporting lines • recording and reporting production outcomes, equipment faults and maintenance requirements. 	
Assessment Conditions	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p>	

Assessment Conditions	
<ul style="list-style-type: none"> • physical conditions <ul style="list-style-type: none"> • skills must be demonstrated in a workplace or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • tools, equipment and machinery to cut panels • various panels types for cutting • PPE • specifications <ul style="list-style-type: none"> • work order or instructions • organisational policies and procedures and relevant industry standards and codes of practice • workplace safety and environmental documentation • relationships <ul style="list-style-type: none"> • person to confirm work order and instructions and report production issues and equipment faults. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	

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