



Australian Government

FWPWPP2213 Cut panels

Release: 1

FWPWPP2213 Cut panels

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 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.

The unit applies to individuals who cut panels in a forest and wood products manufacturing setting.

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

Pre-requisite Unit

Nil

Unit Sector

Wood Panel Products (WPP)

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 cutting	1.1 Determine job requirements from work order or instruction and, where required, seek clarification from appropriate person 1.2 Confirm safety and environmental requirements for the task according to workplace safety procedures 1.3 Identify, assess and take actions to mitigate risks and hazards associated with using a power-driven saw 1.4 Plan cutting patterns and saw set-up sequences according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace procedures 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 Select, fit and use personal protective equipment 1.8 Conduct pre-start-up checks of saw to determine serviceability according to manufacturer instructions
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, offcuts and defective material according to workplace and environmental requirements 2.6 Stack material safely in designated location according to workplace procedures
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

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	Interpret workplace documentation to determine requirements
Writing	Use correct technical and specific vocabulary to accurately and legibly complete simple workplace records and forms
Oral communication	Ask open and closed probing questions and actively listen to clarify contents of work plans
Numeracy	- 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
FWPWPP2213 Cut panels	FWPWPP2201 Cut panels	Application and Performance Criteria updated and reworded Assessment Requirements clarified	Equivalent

Links

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

Assessment Requirements for FWPWPP2213 Cut panels

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- cut four different sets of panels to length and width within the specified tolerances, from at least two of the following materials:
 - medium density fibreboard
 - laminated veneer
 - chipboard
 - fibreboard
 - plywood
 - continuous ply
 - laminated timber
- 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

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:

- environmental requirements for disposing of, recycling and reusing timber and other waste
- storage layout and categories for:
 - raw materials
 - stacking finished panels
- typical timber panel defects and how they affect ability to produce quality sawn panels:
 - warp

- cupping
- voids
- blow out
- delamination
- 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:
 - 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 requirements for cutting panels with a power-driven saw:
 - hazard identification and control measures
 - equipment lock-out
 - personal protective equipment (PPE)
 - hazardous manual tasks
- workplace requirements for recording and reporting production outcomes, equipment faults and maintenance requirements.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a wood product manufacturing setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools, equipment and machinery to cut panels
 - range of panel types for cutting
 - PPE
- specifications:
 - access to work order or instructions detailing the task to be carried by operator

- access to workplace safety and environmental policies and procedures applicable to cutting panels using a power-driven saw access to workplace procedures and forms for recording production, quality and maintenance reports
- manufacturer specifications for power-driven saw used to cut panels
- relationships:
 - person to confirm work order and instructions and report production issues and equipment faults.

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

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