

Modification history

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

FWPCOT2XXX	Cross cut materials with a fixed saw
Application	<p>This unit of competency describes the skills and knowledge required to position and saw materials with a circular saw or fixed chainsaw. The unit includes preparing for work, cross cutting materials to industry standard lengths, maximising volume and quality of recovery material, and performing routine operator maintenance.</p> <p>The unit applies to those who cross cut materials with a fixed saw in a forest products factory setting.</p> <p>No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Sawmilling and Processing Timber Manufactured 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 work	1.1 Review work order or instruction to determine job requirements and, where required, seek clarification from appropriate personnel 1.2 Review workplace health and safety procedures, including the use of personal protective equipment, equipment lock-out and safe manual handling techniques 1.3 Identify, assess and take actions to mitigate risks and hazards associated with using a fixed saw 1.4 Identify workplace environmental protection procedures 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 activities according to workplace procedures
2. Cross cut material	2.1 Visually assess material to be cut for defects that may present unsafe work conditions and review cut 2.2 Cut material within workplace tolerances for length and angle relative to centre line 2.3 Use cutting techniques to industry standard lengths, maximising volume and quality of recovery material 2.4 Operate fixed saw effectively according to manufacturer recommendations 2.5 Regularly check and clear work area according to workplace health and safety requirements and site procedures 2.6 Dispose of sub-standard material according to workplace procedures and environmental requirements 2.7 Identify and report problems with operation of saw 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. Perform routine operator maintenance	3.1 Lock out, clean and maintain fixed saw according to manufacturer recommendations and workplace procedures 3.2 Identify blunt or damaged saws and replace or sharpen, according to workplace procedures and manufacturer recommendations 3.3 Record and report fixed saw operations and maintenance to appropriate personnel

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"> Read workplace documentation and understand requirements
Writing	<ul style="list-style-type: none"> Complete basic written records for fixed saw operations, 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"> Plan time-efficient cutting patterns and sequences

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2XXX Cross cut materials with a fixed saw	FWPCOT2218 Cross cut materials with a fixed saw		

Links

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

TITLE	Assessment requirements for FWPCOT2XXX Cross cut materials with a fixed saw
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"> assessed, planned and efficiently used a fixed saw to cross cut: <ul style="list-style-type: none"> twenty individual pieces of timber to industry standard lengths, maximising volume and quality of recovery material and ten packs of timber <p>following a work order or instruction that is consistent with workplace policy and procedures and current workplace health and safety legislation, regulations and related industry standards and codes of practice</p> <ul style="list-style-type: none"> inspected and carried out routine operator maintenance on one fixed saw on one occasion, including removing, sharpening and / or replacing blade or chain, according to manufacturer requirements. 	
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"> workplace requirements and standards for operating a fixed circular saw or fixed chainsaw environmental protection requirements and safe disposal of waste material hazards and risks associated with use of fixed circular and chain saws workplace procedures and checks including start-up and shut-down procedures cutting techniques including: <ul style="list-style-type: none"> cutting positions work order requirements industry standard lengths straightness requirements cutting patterns maximising volume and quality of recovery requirements cutting procedures that minimise capping and splitting of material placing material on conveyor or carriage securing material cutting at optimum feed rate to avoid damage to saw blade techniques for clearing debris when cross cutting materials including <ul style="list-style-type: none"> using hand tools and a water jet to clear debris from the surface of material clearing the work area of offcuts ensuring saw clearance around material depositing off-cuts and debris in recognised areas clearing surfaces of debris likely to cause saw damage in the cutting area equipment processes, technical capability and limitations of fixed circular and chain saws industry standard length dimensions common industry terminology established communication channels and protocols to maintain safety processes for managing risks and hazards associated with fixed saw operations including lock –out procedures knowledge of defects in timber that can effect processing and cause risk workplace health and safety requirements and emergency evacuation procedures procedures for recording and reporting workplace records and information. 	
Assessment Conditions	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> physical conditions 	

Assessment Conditions	
	<ul style="list-style-type: none"> • skills must be demonstrated in a workplace location or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • a fixed circular saw or fixed chainsaw • tools and equipment used to maintain fixed saws • spare parts and consumables for fixed saws • personal protective equipment required in fixed saw operations • specifications <ul style="list-style-type: none"> • access to work order or instruction detailing cutting activities to be carried out by operator • access to workplace policies and procedures which cover current Work Health and Safety Acts or Workplace Health and Safety Acts, regulations and related industry standards and codes of practice applicable to use of fixed saws • access to workplace policies and procedures which cover off on current Environment Protection Acts, regulations and related industry standards and codes of practice applicable to use of fixed saws • access to workplace safety and environmental protection plans • access to site emergency procedure • access to workplace standard operating procedures or operator manual for fixed saws. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47