



Australian Government

FWPCOT2263 Cross cut materials with a fixed saw

Release: 1

FWPCOT2263 Cross cut materials with a fixed saw

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 position and saw timber pieces and timber packs with a fixed circular saw or fixed chainsaw. The unit includes preparing for work, cross cutting timber materials to industry standard lengths, maximising volume and quality of recovery material, and performing routine operator maintenance.

The unit applies to individuals who cross cut materials with a fixed saw in a timber yard and timber products manufacturing setting.

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

Pre-requisite Unit

Nil

Unit Sector

Common Technical (COT)

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 work	1.1 Determine job requirements from work order or instruction and, where required, seek clarification from appropriate personnel 1.2 Confirm safety requirements for the job according to workplace health and safety procedures 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

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	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 Select, fit and use personal protective equipment 1.8 Conduct pre-start-up checks of saw to determine serviceability according to manufacturer instructions
2. Cross cut material	2.1 Assess material visually to identify 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 Check and clear work area regularly 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
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	Interpret workplace documentation to determine requirements
Writing	Use technical and workplace specific vocabulary to accurately and legibly complete workplace records and forms
Oral communication	- Ask questions and actively listen to clarify contents of work plans - Give clear and sequenced information and ask clarifying questions when coordinating tasks with team members and others

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2263 Cross cut materials with a fixed saw	FWPCOT2218 Cross cut materials with a fixed saw	Application and Knowledge Evidence minor changes Element and Performance Criteria updated and sequenced Foundation Skills, Performance Evidence and Assessment Conditions updated	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 FWPCOT2263 Cross cut materials with a fixed saw

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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:

- assessed and used a fixed saw to cross cut:
 - twenty individual pieces of timber to industry standard lengths, maximising volume and quality of recovery material
 - ten packs of timber
- 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.

There must also be evidence that in using the fixed saw the individual has followed 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.

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:

- workplace safety requirements and standards for operating, checking, starting up and shutting down a fixed saw
- environmental protection requirements and safe disposal of waste material
- hazards and risks associated with use of fixed saws
- cutting techniques for a fixed saw, including:
 - 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:
 - 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 saws
- industry standard length dimensions
- established communication channels and protocols to maintain safety
- processes for managing risks and hazards associated with fixed saw operations
- defects in timber that can affect processing and cause risk
- emergency evacuation procedures
- workplace requirements for recording and reporting information.

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 timber yard, timber manufacturing setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - 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:
 - access to work order or instruction detailing cutting activities to be carried out by operator
 - access to workplace safety and environmental policies and procedures applicable to the use of fixed saws
 - access to workplace procedures and forms for recording production outcomes and fixed saw maintenance
 - access to site emergency procedure

- access to workplace standard operating procedures or manufacturer manual for fixed saws.

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

Links

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