



Australian Government

FWPCOT2268 Cut timber or engineered wood product to length or dimensions

Release: 1

FWPCOT2268 Cut timber or engineered wood product to length or dimensions

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

Application

This unit of competency describes the skills and knowledge required to prepare and cut timber or engineered wood product to length or dimensions with a power-driven saw, which may include a mechanical feed. The unit includes equipment maintenance on completion of operation.

The unit applies to individuals who cut timber or engineered wood products to length or dimensions with a power-driven saw in a wood products work environment.

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.

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 cutting timber or engineered wood product	1.1 Determine job requirements and cutting list from work order or instruction and, where required, confirm with appropriate person 1.2 Confirm health and safety requirements for cutting task according

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	to workplace procedures 1.3 Identify type and quantity of product to be cut and obtain product from storage 1.4 Plan product cutting patterns according to cutting list 1.5 Select, fit and use personal protective equipment 1.6 Select appropriate cutting equipment and check for operational effectiveness according to manufacturer instructions 1.7 Set up saw sequences according to work order and cutting list
2. Cut timber or engineered wood product with power-driven saw	2.1 Use equipment according to manufacturer instructions and workplace health and safety and environmental protection practices and/or procedures 2.2 Mark up product and set stops for cutting 2.3 Follow cutting sequence to produce required quantity 2.4 Check cuts for length and/or angle within set tolerance 2.5 Dispose of incorrect cuts, off-cuts and sub-standard products according to workplace environmental protection practices and/or procedures 2.6 Monitor mechanical feed systems, if fitted 2.7 Stack product in designated location safely according to workplace procedure 2.8 Identify routine processing problems, and resolve or report to appropriate personnel
3. Complete operator maintenance	3.1 Lock out equipment according to workplace health and safety 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 environmental protection practices and/or procedures 3.5 Complete basic non-specialist maintenance of equipment 3.6 Keep machine clear of dust and debris according to workplace health and safety procedures 3.7 Record and report equipment faults and maintenance requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	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 routine workplace documents relevant to cutting timber or engineered wood products to required lengths or dimensions using a power-driven saw
Oral communication	Ask questions and actively listen to clarify work orders and job tasks and report workplace issues
Numeracy	Measure timber or engineered wood products in cutting operations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2268 Cut timber or engineered wood product to length or dimensions	FWPCOT2234 Dock material to length	Redesigned unit that includes content from FWPCOT2234 Dock material to length, FWPSAW2204 Dock boards with mechanical feed and FWPWPP2213 Cut panels	Not equivalent
FWPCOT2268 Cut timber or engineered wood product to length or dimensions	FWPSAW2204 Dock boards with mechanical feed	Redesigned unit that includes content from FWPCOT2234 Dock material to length, FWPSAW2204 Dock boards with mechanical feed and FWPWPP2213	Not equivalent

		Cut panels	
FWPCOT2268 Cut timber or engineered wood product to length or dimensions	FWPWPP2213 Cut panels	Redesigned unit that includes content from FWPCOT2234 Dock material to length, FWPSAW2204 Dock boards with mechanical feed and FWPWPP2213 Cut panels	Not 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 FWPCOT2268 Cut timber or engineered wood product to length or dimensions

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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 to length or dimensions three standard packs from one of the following product types for three different work orders:

- timber varying in lengths and sectional sizes
- engineered wood product.

In performing this task, the individual has used one of the following items of equipment:

- manually controlled docking and trimming saw
- bench saw
- radial arm saw
- saw with adjustable angles
- saw with mechanical feed
- saw with one blade
- table saw
- saw with automatic feed
- other workplace equipment for cutting timber or engineered wood products to length or dimensions.

Also, in performing this task, the individual has:

- followed workplace procedures for cutting operation
- selected, fitted and used personal protective equipment (PPE)
- cut products to length or dimensions according to prescribed workplace tolerance
- stacked cut product in 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:

- workplace policies and procedures relevant to cutting timber or engineered wood product using a power-driven saw
- processes, procedures and techniques for cutting timber or engineered wood product to length or dimensions, including:
 - optimal cutting practices to minimise waste
 - use and maintenance of docking equipment
 - stacking finished products
 - assessing saw blade condition
 - cleaning plant, tools and equipment
 - recording and reporting equipment faults and maintenance requirements
- cutting patterns and sequences for single angles requiring one cutting pass or single vertical cuts
- industry standard lengths, cross-sections, appearance grades, characteristics, properties, defects and limitations of timber or engineered wood product to be cut
- workplace health and safety requirements related to cutting timber or engineered wood product to length or dimensions, including:
 - hierarchy of risk controls
 - PPE
 - electrical hazards and use of residual current devices (RCD)
 - equipment lock-out
 - exposure to dust
 - exposure to excessive noise
 - hazardous manual tasks
- functional and operational features of tools and equipment used in workplace for cutting timber or engineered wood product to length or dimensions
- methods for stacking finished timber or engineered wood product products safely
- methods for assessing saw blade condition
- environmental requirements and practices for waste disposal.

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 processing, manufacturing facility or timber yard, or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - equipment to cut timber or engineered wood products to length or dimensions

- PPE suitable to the work activity
- tools and materials required for saw maintenance
- different types of timber or engineered wood products varying in lengths and sectional size
- specifications:
 - work orders with specific instructions for cutting timber or engineered wood product
 - workplace health and safety and environmental protection policies and/or procedures applicable to timber or engineered wood product cutting operations.

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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