



Australian Government

FWPCOT2234 Dock material to length

Release: 1

FWPCOT2234 Dock material to length

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 prepare and dock material to length with a power driven saw. The unit includes equipment maintenance on completion of operation.

The unit applies to timber manufacturing workers, production workers or sawmill workers who undertake specified activities under the direction of more experienced workers.

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	1.1 Determine job requirements and cutting list from work order or instruction and, where required, confirm with appropriate person 1.2 Confirm safety requirements for cutting task according to workplace safety procedures 1.3 Identify type and quantity of materials to be cut, and obtain from storage 1.4 Plan material cutting patterns according to cutting list

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 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 material to length	2.1 Mark up material and set stops in preparation for cutting 2.2 Use equipment and machinery to cut initial length, check with allowable tolerance and reset and secure stop 2.3 Follow cutting sequence and patterns to produce required quantity 2.4 Dispose of incorrect cuts, off-cuts and material with defects according to workplace environmental procedures for disposal of waste 2.5 Stack materials safely in designated location according to workplace processes 2.6 Identify routine processing and equipment faults, and resolve or report to appropriate person 2.7 Check quality and quantity of materials on completion of task against the work order and complete workplace documentation
3. Complete operator maintenance	3.1 Lock out equipment according to workplace safety procedures 3.2 Check saw blades for blunt or damaged condition 3.3 Repair blunt saw blades or send for repair according to workplace procedures and manufacturer specifications 3.4 Complete basic non-specialist maintenance for equipment according to manufacturer specifications 3.5 Clean the work area of sawdust and debris 3.6 Reuse, recycle or dispose of waste material according to workplace environmental requirements for waste disposal 3.7 Record and report 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 information from work orders, workplace procedures and manufacturer instructions to safely cut products to required lengths
Oral communication	Ask questions and actively listen to clarify work orders and job tasks and report workplace issues

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2234 Dock material to length	FWPCOT2229 Dock material to length	Application clarified Performance Criteria, Foundation Skills and Assessment Requirements 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 FWPCOT2234 Dock material to length

Modification History

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

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 docked to length a minimum of three standard packs of timber products for three different work orders, varying in lengths and sectional sizes, and:

- cut material within the prescribed workplace tolerances
- stacked batches of cut material to meet workplace quantity and quality requirements
- completed basic non-specialist maintenance on cutting equipment.

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 docking materials to length
- industry standard lengths, cross sections, appearance grades of timber products
- processes, procedures and techniques for docking timber and timber products to length:
 - optimal docking practices to minimise waste
 - use and maintenance of docking equipment
 - stacking finished materials
 - assessing saw blade condition
 - cleaning plant, tools and equipment
 - recording and reporting production outcomes and equipment faults
- cutting patterns and sequences for single angles requiring one cutting pass or single vertical cuts
- characteristics, properties and limitations of timber and timber products
- timber defects:
 - warp
 - wane

- cupping
- shakes
- insect defects
- knots
- resin pockets
- workplace safety requirements related to docking materials to length:
 - hierarchy of control
 - personal protective equipment (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 to dock materials to length:
 - manually controlled docking and trimming saws
 - bench saws
 - radial arm saws
 - saws with adjustable angles
 - saws with automatic feed
 - saws with one blade
 - table saws
- workplace and environmental requirements 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 manufacturing or processing facility or timber yard or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - saw to dock materials
 - PPE
 - tools and materials required for saw maintenance
 - different types of timber products varying in lengths and sectional size
- specifications:
 - access to work orders detailing timber cutting requirements for different lengths and sectional sizes
 - access to manufacturer specifications and operating instructions for saws

- access to workplace safety and environmental procedures applicable to docking materials to length
- access to workplace procedures and forms for recording production outcomes and saw maintenance and faults
- relationships:
 - person to confirm work orders and/or report work-related issues.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. ^[1]_{SEP}

Links

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