

Modification history

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

FWPCOT2XXX	Dock material to length
Application	This unit of competency describes the skills and knowledge required to prepare and dock material to length with a power driven saw. It includes equipment maintenance on completion of operation. The unit applies to timber manufacturing workers, production workers and sawmill workers. This unit is suitable for those with the knowledge and skills to 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.
Prerequisite Unit	Nil
Unit Sector	Common technical (COT)

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 Read and interpret work order and cutting list to clarify job task and where required confirm with appropriate person 1.2 Identify type and quantity of materials to be cut and obtain from storage 1.3 Interpret cutting list and plan material cutting patterns 1.4 Determine job priorities and sequence job tasks in consultation with others in the workplace 1.5 Select appropriate cutting equipment and check for operational effectiveness in line with manufacturer's recommendations 1.6 Set-up saw sequences in line with work order and cutting list
2. Cut material to length	2.1 Select, fit and use personal protective equipment 2.2 Mark up material and set stops in preparation for cutting 2.3 Use equipment and machinery to cut initial length, check with allowable tolerance and reset and secure stop 2.4 Follow cutting sequence and patterns to produce required quantity 2.5 Dispose of incorrect cuts, off-cuts and material with defects in line with workplace and environmental requirements for disposal of waste 2.6 Stack materials safely in designated location following workplace processes 2.7 Identify routine processing and equipment faults and resolve or report to appropriate person 2.8 Check quality and quantity of materials on completion of task against the work order 2.9 Complete work order documentation to record basic job requirement information
3. Complete operator maintenance	3.1 Follow workplace safety procedures to lock out equipment 3.2 Check saw blades for blunt or damaged condition 3.3 Repair or send for repair blunt saw blades according to workplace procedures and manufacturer's specifications 3.4 Complete basic non-specialist maintenance for equipment 3.5 Clean the work area of saw dust and debris 3.6 Reuse, recycle or dispose of waste material following workplace and environmental requirements for waste disposal 3.7 Record and report equipment faults and maintenance requirements to appropriate person

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Extract and give meaning to information from work orders, safety requirements and manufacturer's instructions

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT2XXX Dock material to length	FWPCOT2229 Dock material to length	Application clarified Performance Criteria, Foundation Skills and Assessment Requirements updated	Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47
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TITLE	Assessment requirements for FWPCOT2XXX Dock material to length
Performance Evidence	
<p>An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has docked to length a minimum of three standard packs of timber products varying in lengths and sectional sizes, and:</p> <ul style="list-style-type: none"> • cut material within the prescribed organisational tolerances • stacked batches of cut material to meet organisational quantity and quality requirements • completed basic non-specialist maintenance on cutting equipment. 	

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"> • organisational policies and procedures relevant to docking materials to length • range of industry standard lengths, cross sections, appearance grades • forestry and timber production terminology • processes, procedures and techniques for docking timber and timber products to length <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • warp • wane • cupping • shakes • insect defects • knots • resin pockets • workplace safety: <ul style="list-style-type: none"> • hierarchy of control • personal protective equipment (PPE) • electrical hazards – 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: <ul style="list-style-type: none"> • 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	
<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 the workplace or an environment that accurately represents workplace conditions• resources, equipment and materials:<ul style="list-style-type: none">• appropriate machinery and equipment to dock materials• different types of timber products varying in lengths and sectional size• specifications:<ul style="list-style-type: none">• organisational policies, procedures relating to docking materials to length• manufacturer's operating instructions for specific equipment, machinery and tools• workplace and environmental documentation relevant to docking materials to length• relationships:<ul style="list-style-type: none">• person to confirm work orders, report work related issues. <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