

Modification history

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

FWPCOT2XXX	Cut materials with a hand-held chainsaw
Application	This unit of competency describes the skills and knowledge required to prepare and cut materials with a hand-held chainsaw. This unit includes preparing for work, cutting materials, maximising volume and quality of recovery material, and performing routine operator maintenance. The unit applies to those who cut materials with a hand-held chainsaw in a variety of work settings including construction, saw mill, forest products factory, timber retail yard and horticultural environments. 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 operation	1.1 Read and interpret work order or instruction to determine job requirements and, where required, seek clarification from appropriate person 1.2 Identify and follow workplace safety procedures, including the use of personal protective equipment (PPE), equipment lock-out and safe manual handling techniques 1.3 Identify, assess and take actions to mitigate risks and hazards associated with using a hand-held chainsaw 1.4 Identify workplace environmental requirements 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 hand-held chainsaw 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. Cut material	2.1 Visually assess materials to be cut for defects that may present unsafe work conditions, and review cutting plan 2.2 Place cutting supports to ensure a stable base 2.3 Cut materials within workplace standard tolerances for length and angle relative to centre line 2.4 Use cutting techniques to cut materials to industry standard lengths, maximising volume and quality of recovery material 2.5 Operate chainsaw effectively according to manufacturer recommendations 2.6 Clear and dispose of debris according to workplace procedures and environmental requirements 2.7 Complete production and quality reports 2.8 Identify processing problems and equipment faults and report to appropriate personnel

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 chainsaw according to manufacturer recommendations and workplace procedures 3.2 Identify blunt or damaged chain and remove, replace or sharpen and adjust chain according to workplace procedures and manufacturer recommendations 3.3 Record and report maintenance activities to appropriate personnel

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 relevant information and job requirements from relevant documentation
Writing	<ul style="list-style-type: none"> Use correct technical and enterprise specific vocabulary to accurately and legibly complete workplace records and forms
Oral communication	<ul style="list-style-type: none"> Ask open and closed probing questions and actively listen to clarify job requirements 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
FWPCOT2XXX Cut materials with a hand-held chainsaw	FWPCOT2238 Cut materials with a hand-held chainsaw	Application – update with minor wording changes Element 3 – renamed Performance Criteria – reviewed, updated and re-sequenced Foundation Skills and Assessment Requirements – reviewed and 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 FWPCOT2238 Cut materials with a hand-held chainsaw
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"> • cut twenty individual pieces of timber to industry standard lengths • maximised volume and quality of recovery material • followed a work order or instruction, workplace policy and procedures and current workplace safety and environmental requirements • inspected and carried out routine operator maintenance on one hand-held chain saw: <ul style="list-style-type: none"> • removed, sharpened or replaced chain and adjusted blade, 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"> • industry standards, work orders and instructions • workplace and environmental requirements for safe disposal of waste material • workplace safety: <ul style="list-style-type: none"> • hazards and control measures • exposure to dust • hazardous manual tasks • personal protective equipment (PPE) • functions and operation of a hand-held chainsaw: <ul style="list-style-type: none"> • procedures, checks, start-up and shut-down procedures • capability and limitations • established communication channels and protocols to maintain safety • types of defects in timber that can affect processing and cause risk • procedures for recording and reporting workplace and operational 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 <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 hand-held chainsaw and maintenance tools and equipment • PPE • specifications: <ul style="list-style-type: none"> • work order or instruction • workplace policies and procedures industry standards and codes of practice • workplace safety and environmental requirements • manufacturer operating procedures. • relationships: <ul style="list-style-type: none"> • person to confirm work orders, coordinate workplace tasks and report maintenance activities. <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