

Modification history

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

FWPFGM2XXX	Operate brush cutter
Application	<p>This unit of competency describes the skills and knowledge required to plan for and safely cut vegetation using an industrial standard blade type brush cutter.</p> <p>The unit applies to individuals who are involved in brush cutting operations.</p> <p>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.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Forest Growing and Management (FGM)

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 brush cutting	1.1 Determine job requirements from work order or instruction, and where required, seek clarification from appropriate personnel 1.2 Confirm safety and environmental requirements for the task according to workplace procedures 1.3 Identify, assess and take actions to mitigate risks and hazards associated with brush cutting operations 1.4 Identify emergency and evacuation procedures to follow in the event of an incident or accident 1.5 Consult with appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.6 Select tools, equipment, machinery and materials for brush cutting operations and check for serviceability according to workplace procedures 1.7 Select appropriate cutting methods for identified types of vegetation and to optimise time and safety
2. Operate brush cutter	2.1 Use equipment according to workplace safety procedures, manufacturer instructions and environmental protection practices 2.2 Use hand signals with other operators to maintain effective and safe operations 2.3 Adjust brush cutter safety harness and handles to correct ergonomic position 2.4 Monitor brush cutter for operational effectiveness and refuel as required 2.5 Operate brush cutter appropriate to site conditions and at a safe distance from other people present 2.6 Dispose of cut vegetation according to workplace and environmental protection practices
3. Complete operator maintenance	3.1 Follow workplace safety procedures to lock out equipment 3.2 Check brush cutter blades for bluntness or damage 3.3 Remove and replace brush cutter blades and other operator-replaceable components in line with manufacturer recommendations 3.4 Dispose of used blades according to workplace and environmental protection practices 3.5 Record and report equipment faults and maintenance requirements 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 information from industry guides and standard references on brush cutting techniques
Writing	<ul style="list-style-type: none"> Complete workplace forms
Oral communication	<ul style="list-style-type: none"> Ask open and closed questions and use active listening techniques to clarify contents of work orders Provide oral reports on brush cutting operations
Numeracy	<ul style="list-style-type: none"> Estimate area and distance related to brush cutting operations Mix fuel according to manufacturer recommended ratios Measure fuel volumes

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
FWPFGM2XXX Operate brush cutter	FWPFGM2207 Undertake brushcutting operations	Updated title Updated Performance Criteria Minor wording changes to Performance and Knowledge Evidence Updated Foundation Skills and Assessment Conditions	Equivalent

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 FWPFGM2XXX Operate brush cutter
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, on one occasion, the individual has:</p> <ul style="list-style-type: none"> • planned and safely complete brush cutting jobs according to work order prescribing areas and types of vegetation to be cut • disposed of cut vegetation according to workplace and environmental protection requirements • completed operator maintenance tasks according to manufacturer requirements • completed workplace records for equipment faults and maintenance 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"> • typical workplace hazards associated with operating brush cutters and methods of minimising risks: <ul style="list-style-type: none"> • ground growth • ground slope • ground hazards • noise • weather • kickback • flying objects • safe working distances from other people present • safe handling, use, storing and transporting of fuels • fuel types, measurements and mixing ratios • purpose, features and safe operation of brush cutters • the correct ergonomic position in which to conduct brush cutter operations, including using a safety harness and handle adjustments • methods for assessing blade condition and removing and replacing blades • operator maintenance tasks including oil, fuel, safety checks, cleaning, lubricating, adjustments • different types of vegetation and the appropriate brush cutting methods • environmental protection practices for disposing of cut vegetation: <ul style="list-style-type: none"> • recycling vegetation where appropriate • sending vegetation to landfill only where it cannot be recycled • redirecting vegetation for energy recovery • workplace procedures specific to brush cutting operations: • workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment • communication reporting lines • recording and reporting equipment faults and maintenance requirements. 	
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 forest work environment or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • vegetated area for brush cutting operations • brush cutters and other tools, machinery, equipment and materials used in brush cutting operations • personal protective equipment suitable for brush cutting operations • specifications: <ul style="list-style-type: none"> • access to work order or instruction with specific instructions for brush cutting operations 	

Assessment Conditions

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| <ul style="list-style-type: none">• access to workplace health, safety and environmental policies and procedures applicable to brush cutting operations• workplace procedures for brush cutting operations. |
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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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