



Australian Government

FWPHAR2207 Trim and cut harvested trees

Release: 2

FWPHAR2207 Trim and cut harvested trees

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 5.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

Application

This unit of competency describes the outcomes required to trim and cut harvested (felled) trees with a chainsaw for commercial production. Work is completed in a forest or forest farm setting and includes operator maintenance.

The unit applies to Forestry Worker, Chainsaw Operator, Arboriculture Technician, Farm Forestry Worker, Plantation Forest Officer.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Forest Growing and Management

Harvesting and Haulage

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 trimming and cutting	1.1 Identify site environmental protection measures and adhere to in line with relevant legislation and regulations 1.2 Review work order and where required check with 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>
	<p>1.3 Select appropriate personal protective and other equipment and check for operational effectiveness, including pre-start checks</p> <p>1.4 Plan trimming and cutting activities in line with work order and environmental conditions</p>
2. Visually assess trees and suitability for cutting.	<p>2.1 Assess tree location and stability for conditions likely to affect safety of trimming and cutting activities</p> <p>2.2 Visually assess trees for defects, grades and recovery status.</p> <p>2.3 Assess trees for extraction and suitable transport method</p> <p>2.4 Mark trees too dangerous to cut safely and refer to appropriate personnel</p>
3. Plan cutting.	<p>3.1 Move or stabilise tree for safe cutting in line with site procedures</p> <p>3.2 Select cutting pattern to optimise time, volume recovery and quality</p> <p>3.3 Plan cutting sequence to maintain control of cut sections and minimise cutting problems</p> <p>3.4 Select, measure and mark cutting positions in line with work requirements and industry standard lengths</p> <p>3.5 Clear debris from work area to allow safe access and prevent saw damage and personal injury</p>
4. Use chainsaw to trim and cut trees	<p>4.1 Monitor location and movement of other personnel and modify work to ensure safety</p> <p>4.2 Secure tree section on each side of planned cut; evaluate and control potential movement</p> <p>4.3 Operate saw to cut tree and adjust cutting technique in response to movement and condition of tree</p> <p>4.4 Complete cut once started and minimise capping and splitting</p> <p>4.5 Square cut butts, trim accessible branches and knots and remove head of tree</p> <p>4.6 Prepare logs for extraction in line with organisational requirements</p>
5. Complete operator maintenance	<p>5.1 Inspect equipment on completion of trimming and cutting activities</p> <p>5.2 Follow organisational safety procedures to lock out equipment</p> <p>5.3 Check chain for bluntness or damage</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	5.4 Remove, sharpen, adjust and replace chain and other components in line with manufacturer's recommendations 5.5 Record and report production outcomes, equipment faults and maintenance requirements 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
Numeracy	<ul style="list-style-type: none"> Estimate felled tree dimensions, including length, diameter and volume Plan time efficient cutting patterns and sequences Complete routine calculations and report on size, length, diameter and grade of cut trees
Oral communication	<ul style="list-style-type: none"> Ask open, probing and closed questions and actively listen to clarify contents of work plans
Reading	<ul style="list-style-type: none"> Interpret: <ul style="list-style-type: none"> workplace health and safety and other organisational procedures work orders manufacturers maintenance recommendations
Writing skills	<ul style="list-style-type: none"> Complete accurate basic records for tree trimming and cutting processes, equipment faults and maintenance requirements
Get the work done	<ul style="list-style-type: none"> Efficiently and logically sequence the stages of preparation for and cutting of trees using work order to guide activities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPHAR2207	FWPHAR2207	Minor edits to achieve	Equivalent unit

Trim and cut harvested trees Release 2	Trim and cut harvested trees Release 1	consistency with wording in another FWPHAR unit; and enable flexibility of the unit application	
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Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>