



**Australian Government**

**Assessment Requirements for  
FWPHAR2207 Trim and cut harvested  
trees**

**Release: 2**

# Assessment Requirements for 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.

## Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit.

There must be evidence that, on at least one occasion, the individual has:

- followed organisational policies and procedures relevant to trimming and cutting harvested trees
- effectively communicated and worked safely
- safely and efficiently used a chainsaw to complete the following activities:
  - trim and cut hardwood or softwood trees
  - delimb trees
  - trim branches
  - trim burls and other small growths
- used the following cutting techniques:
  - bridging cuts
  - swinging cuts
  - side bind cuts
  - boring
  - wedge cut
- used wedges
- trimmed and cut trees in varied weather conditions
- completed maintenance on a chainsaw.

## 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:

- purpose, features, operation and basic non-specialist repair and maintenance of chainsaws, including:
  - pre-start up checks
  - inspection, identification and replacement of bar, chain and drive sprockets
  - chain sharpening
  - bar oil checks and top-up
  - air filter, check, clean and replacement
  - refuelling
- range of chainsaw cutting techniques, including:
  - bridging cuts
  - swinging cuts
  - side bind cuts
  - delimiting
  - boring
  - wedge cut
- use of wedges
- cutting patterns used to optimise time and recovery of product from trees
- cutting sequences used to maintain control of cut sections and minimise cutting problems
- key features of , varying site conditions and effects on tree cutting and trimming activities, including:
  - general forest lean
  - ground growth
  - ground hazards and obstacles
  - ground slope
  - gullies
  - presence and density of seed and habitat trees
  - water courses
- key features of varying weather conditions and effects on tree cutting and trimming activities, including:
  - dry, wet and adverse weather conditions
  - low and moderate wind speed and direction
- typical tree defects and how these affect tree cutting activities and quality of finished product, including:
  - shakes
  - insect defects
  - knots and resin pockets
  - pipe
  - lumps
  - bumps
  - drysides
- range of industry standard:

- lengths and tolerances and applicable terminology
- grades for log and applicable terminology
- methods for assessing chain condition
- organisational policies and procedures specific to tree trimming and cutting activities, including:
  - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
  - communication reporting lines
  - recording and reporting production outcomes, equipment faults and maintenance requirements
- environmental protection practices for forest and farm forest settings, including:
  - soil and water protection
  - action to limit the impact to ground growth, canopy, density of trees
  - reducing water and energy use
  - cleaning plant, tools and equipment
  - disposing of, recycling and reusing timber and other waste.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting
- resources, equipment and materials:
  - chainsaws
  - chainsaw fuel and oil containers
  - hardwood or softwood trees for cutting
  - hammer
  - axe
  - wedges
  - cant hook or breaking bar
  - tool belt
  - loggers tape
  - maintenance tools and equipment for chainsaws
  - personal protective equipment suitable for cutting trees and maintaining chainsaws
- specifications:
  - manufacturer instructions for use and maintenance of equipment
  - work order with specific instructions for tree cutting activities
  - template reports for recording tree cutting outcomes, equipment faults and maintenance requirements
  - organisational policies and procedures for tree trimming and cutting activities.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>