



**Australian Government**

# **Assessment Requirements for FWPCOT2273 Trim and cut felled trees**

**Release: 1**

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## Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

## Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- assessed and planned trimming and cutting of one felled tree
- trimmed branches and cut sections of felled tree using all cuts listed below:
  - bridging cuts
  - swinging cuts
  - boring cuts
  - wedge cuts
  - ripping cuts
  - stagger or step cuts.

In performing this task, the individual has:

- followed workplace policies and procedures, current workplace health and safety legislation, regulations and related industry standards and codes of practice applicable to trimming and cutting felled tree operations
- checked and sharpened or changed a saw chain post trimming and cutting on one occasion according to manufacturer instructions.

## 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:

- environmental protection measures suitable for a worksite where trimming and cutting operations are performed, including:
  - noise control
  - protection of flora, fauna and habitat

- protection of soil
- protection of water
- disposal, recycling and reuse of waste
- cleaning of plant, equipment and tools
- protection of adjacent land uses and fixed assets
- vehicle control
- access restrictions
- fire prevention
- protection of cultural heritage
- hazard control measures suitable for a worksite where trimming and cutting operations are performed, related to:
  - trees and other vegetation
  - ground conditions
  - noise
  - fire and other emergency situations
  - vehicle and traffic access
  - foot access
  - plant, tools and equipment
  - weather conditions
  - adjacent land uses
  - dangerous goods
- tree defects and how they affect tree cutting activities, including:
  - splits
  - falling damage
  - fire damage
  - insect infestation
  - pipe
  - shake
  - twist
  - knots and resin pockets
  - the presence of foreign bodies such as stakes and nails
- felled tree stresses and how they affect tree cutting activities, including:
  - tension (fibres being stretched)
  - compression (fibres being squashed)
  - neutral fibres
- chainsaw cutting techniques and associated hazards, including:
  - bridging cut
  - swinging cut
  - side bind cut
  - boring cut

- wedge cut
- ripping cut
- stagger or step cut
- cutting patterns used to optimise time and recovery of product from felled trees
- cutting sequences used to maintain control of cut sections and minimise cutting problems
- purpose and procedures for routine operator maintenance of chainsaws
- procedures used to free a pinched or stuck chainsaw
- methods for assessing chain condition
- workplace procedures specific to felled tree trimming and cutting activities, including:
  - workplace health and safety, with particular emphasis on equipment lock-out and use of personal protective equipment (PPE)
  - communication reporting lines
  - reporting felled tree cutting outcomes, equipment faults and maintenance requirements.

## Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in the workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - chainsaw and accessories
  - suitable felled trees to trim and cut
  - PPE required in trimming and cutting felled trees
  - communication system
- specifications:
  - access to workplace health and safety and environmental protection policies and/or procedures applicable to trimming and cutting operations and chainsaw use
  - access to workplace standard operating procedures or operator manual for chainsaws.

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

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>