



**Australian Government**

**Assessment Requirements for  
FWPCOT3348 Fell trees manually  
(advanced)**

**Release: 1**

# Assessment Requirements for FWPCOT3348 Fell trees manually (advanced)

## 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:

- demonstrated two different cutting techniques, each on two occasions, for felling trees with advanced characteristics
- assessed, planned and felled two trees with advanced characteristics by selecting and using an appropriate felling technique, and in performing this task, has:
  - followed workplace policies and procedures and current workplace health and safety legislation and regulations
  - complied with current Australian Standards and industry codes of practice applicable to tree felling operations
- inspected and carried out routine maintenance on one chainsaw and its cutting attachments on one occasion according to manufacturer requirements.

## 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:

- Australian Standards and codes of practice applicable to tree felling operations
- hazards and risks related to felling trees with chainsaws, and methods to minimise associated risks, including:
  - physical conditions of the site
  - unsafe/hazardous trees
  - fire and other emergency situations
  - overhead and underground services
  - nearby structures
  - standing vegetation in the intended direction of fall
  - falling branches

- weather conditions
- impediments of escape routes
- vehicle and traffic access
- people on or near worksite
- machinery on or near worksite
- carrying and transporting a chainsaw
- user fatigue
- hazards related to maintaining chainsaws, and methods to minimise associated risks
- features of unsafe/hazardous advanced trees and defects of trees and how they affect tree felling activities
- types and purposes of cuts to fell advanced trees:
  - scarf cut
  - back cut using different methods to provide hinge wood and wedges to maintain control of tree
- characteristics of advanced trees
- methods used to identify advanced trees, including those:
  - that contain hazards and are deemed unsafe to fell
  - that are considered outside own skill level
  - where cuts made may lead to loss of control of tree in felling
- methods used to remove trees that are hung up, and procedures for removal
- methods for assessing chain condition
- types, safe use, operation and maintenance of chainsaws, support tools and attachments
- workplace procedures specific to felling trees with chainsaws, including:
  - health and safety, with particular emphasis on equipment lock-out, use of personal protective equipment (PPE), safe manual handling and fire prevention measures
  - communication reporting lines
  - recording and reporting repairs, maintenance activities and equipment faults
- environmental protection requirements and practices that meet legal obligations and requirements of the industry, state and local standards and/or codes of practice for felling trees with chainsaws, including:
  - protection of natural and cultural assets
  - cleaning plant, tools and equipment
  - disposing of, recycling and reusing materials
  - disposing of hazardous substances.

## 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 trees to fell
  - tools and equipment to fell trees
  - PPE required in tree felling operations
  - communication system
- specifications:
  - workplace health and safety and environmental protection policies and/or procedures applicable to tree felling and chainsaw operations
  - 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>