



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>