



Australian Government

Assessment Requirements for FWPCOT3317 Use chainsaw within a tree

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

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 planned, prepared and safely and effectively operated a chainsaw at height in two trees and performed cuts according to a work order or work instructions and current Australian Standards and industry codes of practice applicable to the safe use of chainsaw in trees.

One tree must be in close proximity to a structure or other asset or replicated structure or asset and have a minimum height of 15 metres and canopy spread with a minimum of 10 metres. There must be a designated drop zone and cut material must be placed within this zone.

There must also be evidence that for each tree the individual has:

- applied safe and effective fall arrest positioning and cutting positioning to perform cuts
- applied safe and effective cutting techniques to achieve the required behaviour of cut piece for:
 - a horizontal branch with a diameter greater than 100 mm
 - a head or section of vertical timber with a diameter greater than the bar length of the saw
 - a leaning section or leader
- selected and used appropriate zone drops as required to ensure that all cut pieces land within the drop zone
- carried out routine maintenance on a chainsaw on two occasions.

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

- types, cc rating, bar length and operation of chainsaws
- features and names of different parts of chainsaws

- workplace health and safety requirements according to the AS 2726.2 and AS 2727 or successor:
 - personal protective equipment (PPE) and clothing
 - safety equipment
 - first aid equipment
 - firefighting equipment
 - hazard and risk control procedures
 - fatigue management procedures
 - safety signage
 - safe workplace practices
- hazards and related risks associated with chainsaw use off ground, and methods to minimise associated risks:
 - physical conditions of the site
 - falls
 - strains
 - slips
 - dehydration
 - fire
 - overhead services
 - carrying saw and equipment
 - traffic
 - features and cutting actions of chainsaw
 - falling branches
 - overreaching
 - operating saw above head height
 - saw nicking
 - kickback
 - user complacency and fatigue
 - one-handed chainsaw use
 - structures
 - hazardous materials
 - insects and animals
 - people on or near worksite
 - machinery on or near worksite
- height access equipment:
 - belt and harness condition
 - adjustment on user
 - lanyard adjustment
 - chainsaw securing hook
 - specification

- maintenance
- purpose, features and operation of tools and equipment used in chainsaw use and maintenance activities
- specifications and types of bars, chains and sprockets
- techniques for:
 - removing chains and other chainsaw components
 - assessing chain condition
 - reassembling chainsaw components
- hazards associated with maintaining chainsaws, and methods to minimise associated risks:
 - noise
 - fumes
 - mechanical vibration
 - hazardous substances
 - cuts
 - burns
 - rotating parts
- cutting techniques according to the AS 4373 and AS 2727 or successor, and industry codes of practice
- safe procedures for raising and lowering chainsaw to and from ground
- workplace procedures specific to chainsaw use off ground:
 - workplace health and safety, with particular emphasis on equipment lock-out and use of PPE
 - communication reporting lines
 - recording and reporting repairs, maintenance activities and equipment faults
- heritage-listed trees protected by legislation in relevant jurisdictions
- environmental protection practices relevant to chainsaw use and maintenance:
 - 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 an arboricultural workplace or environment that accurately represents workplace conditions
- resources, equipment and materials:
 - chainsaws
 - height access equipment

- other tools and equipment needed for using chainsaws off ground and chainsaw maintenance
- chainsaw consumables
- trees
- person who is competent and equipped to perform aerial rescue
- PPE required in using chainsaws off ground and chainsaw maintenance
- specifications:
 - access to work order or instruction detailing off ground chainsaw operations to be carried out by operator
 - access to workplace policies and procedures that cover current workplace health and safety and environmental protection legislation and related industry standards and codes of practice applicable to off ground chainsaw operations
 - access to site emergency procedure
 - access to workplace safe operating procedures for off ground chainsaw operations.

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>