



Australian Government

Assessment Requirements for FWPCOT2254 Maintain chainsaws

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, on one occasion, the individual has:

- completed the routine and frequently required service requirements for one chainsaw according to manufacturer instructions
- completed the periodic service requirements for one chainsaw according to manufacturer instructions
- checked and sharpened at least two chains 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:

- types, purpose, features and operation of chainsaws
- features and names of different parts of fuel powered and electrically powered chainsaws
- purpose, features and operation of tools and equipment used in chainsaw maintenance activities
- specifications and types of bars, chains and sprockets
- differences between frequent and periodic chainsaw maintenance requirements
- techniques for:
 - removing chains and other chainsaw components
 - assessing chain condition
 - sharpening chains to specified requirements
 - reassembling chainsaw components
 - assessing battery condition, if applicable, and visually inspecting state of electrical cords and plugs for electrically powered chainsaws
- hazards associated with maintaining chainsaws, and methods to minimise associated risks:
 - noise
 - fumes

- mechanical vibration
- hazardous substances
- cuts
- burns
- rotating parts
- electric shock for electrically powered chainsaws
- workplace procedures specific to maintaining chainsaws:
 - workplace health and safety, with particular emphasis on equipment lock-out, use of personal protective equipment (PPE) and safe manual handling
 - communication reporting lines
 - recording and reporting repairs, maintenance activities and equipment faults
- environmental protection practices relevant to maintaining chainsaws:
 - 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 a workplace location or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - fuel or electrically powered hand-held chainsaws
 - tools and equipment used to maintain chainsaws
 - consumable chainsaw parts, oil and fuel
 - PPE required in chainsaw maintenance activities
- specifications:
 - access to work order or instruction detailing chainsaw maintenance activities to be carried out by operator
 - access to workplace safety and environmental policies and procedures applicable to chainsaw maintenance activities
 - 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>