



Australian Government

Assessment Requirements for AURPTA005 Service and repair chainsaw cutting systems

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- service and repair three different chainsaw cutting systems, including:
- two service and repair jobs that involve sharpening saw chains
- one service and repair job that includes fabricating and replacing a saw chain, and refurbishing or replacing a guide bar.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to servicing and repairing chainsaw cutting systems, including procedures for:
 - starting and checking operation of chainsaw cutting system
 - adjusting and aligning chainsaw cutting system components
 - operating chain brake
 - selecting and using personal protective equipment (PPE)
 - handling and operating chainsaw, including chain brake
- environmental requirements, including procedures for trapping, storing and disposing of lubricating oils released from chainsaw cutting systems
- application, purpose and operation of chainsaw cutting systems, including:
 - saw chain types and mounting bar
 - drive system and sprocket
 - chain brake and overload devices
 - protective guards and cowlings
 - manual and automatic lubrication systems

- chain adjusting systems
- clutch drum assembly
- service and repair procedures for chainsaw cutting systems, including:
 - chain and mounting bar
 - drive system and sprocket
 - chain brake and overload devices
 - protective guards and cowlings
 - manual and automatic lubrication systems
 - chain adjusting systems
 - clutch drum assembly
- types of lubricants, and their application and methods of lubrication
- post-repair testing procedures for chainsaw cutting systems, including operating system through full operating range.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the chainsaw cutting systems that they have serviced and repaired, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- outdoor power equipment repair workplace or simulated workplace
- workplace instructions
- manufacturer specifications for chainsaw cutting systems
- area and equipment, including PPE, required to safely test chainsaw cutting systems
- three different chainsaw cutting systems requiring service and repair
- tools, equipment and materials appropriate for inspecting, servicing and repairing chainsaw cutting systems, including:
 - sharpening equipment
 - saw chain
 - equipment stands and vices
 - grinders
 - chain breaking and riveting equipment.

Links

Implementation Guide -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Strategies Guide -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>