



Australian Government

Assessment Requirements for AURPTA109 Service and repair reciprocating cutting systems

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- service and repair at least three different reciprocating cutting systems, including at least one of each of the following:
 - double and single sided powered hedge trimmers
 - mechanical tree loppers.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to diagnose and repair heavy vehicle compression ignition engines, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to service and repair reciprocating cutting systems, including:
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures
- work health and safety (WHS) requirements relating to servicing and repairing reciprocating cutting systems, including:

- selecting and using personal protective equipment (PPE)
- starting and checking operation, adjustment and alignment of reciprocating cutting system
- operating overload system
- working with 240 volt equipment
- application, and key features of reciprocating cutting systems, including:
 - double and single sided powered hedge trimmers
 - mechanical tree loppers
 - power shears
- types of lubricants, and their application and methods of lubrication
- service and repair procedures for reciprocating cutting systems, including:
 - drive system gearbox
 - overload devices
 - protective guards and cowlings
 - handle assembly
 - anti-vibration system
 - cleaning, sharpening and adjusting blades
- procedures for using sharpening equipment and setting sharpening angles for reciprocating cutting tools
- post-repair testing and re-testing procedures for reciprocating cutting systems, including operating system through full operating range.

Assessment Conditions

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 reciprocating 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 reciprocating cutting systems
- area and equipment, including PPE, required to safely test reciprocating cutting systems
- three different reciprocating cutting systems requiring service and repair
- tools, equipment and materials appropriate for inspecting, servicing and repairing reciprocating cutting systems, including reciprocating cutting blade sharpening equipment.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

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