



Australian Government

Assessment Requirements for AURPTA105 Service and repair chainsaw cutting systems

Release: 1

Assessment Requirements for AURPTA105 Service and repair chainsaw cutting systems

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

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 service and repair chainsaw cutting systems, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to service and repair chainsaw 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 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
- workplace procedures, including for:
 - obtaining authorisation to service and repair
 - checking tools and equipment
 - managing risks
 - reporting inspection findings
 - processing workplace documentation
- environmental requirements, including procedures for trapping, storing and disposing of lubricating oils released from chainsaw cutting systems
- application, and key features 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

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.

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>