



**Australian Government**

**Assessment Requirements for AURPTR106  
Deploy and service autonomous outdoor  
power equipment**

**Release: 1**

# Assessment Requirements for AURPTR106 Deploy and service autonomous outdoor power equipment

## 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:

- deploy and service at least two different autonomous outdoor equipment devices from the following:
  - robotic lawn mower
  - robotic edger
  - robotic weeder.

## 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 deploy and service autonomous outdoor power equipment, including:
  - information provided by customer and supervisors
  - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to deploy and service autonomous outdoor power equipment, 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 deploy and service outdoor power equipment, including procedures for working with:
  - high voltage AC and DC systems
  - open circuits
- environmental requirements, including procedures for trapping, storing and disposing of lubricant and fluids released from autonomous outdoor power equipment
- identification and function of autonomous outdoor power equipment components, including:
  - cutting blades
  - servo motors
  - brushless motors
  - battery systems
  - charging systems
  - perimeter definition
  - GPS control systems
  - software updates
  - user interface display
  - electrical switches
- identification and function of autonomous outdoor power equipment systems, including:
  - lubrication
  - operation function
  - operational voltage
- inspection procedures for autonomous outdoor power equipment, including:
  - oil and fluid leaks
  - cutting blades
  - software updates
  - control module functionality
- service and adjustment procedures for cordless autonomous outdoor power equipment, including:
  - minor adjustments
  - updating software
  - sharpening blades
- post-service testing procedures for autonomous outdoor power equipment, including operating equipment 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 equipment or autonomous outdoor power equipment that they have worked on, e.g. service 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
- two autonomous outdoor power equipment devices specified in the performance evidence and requiring servicing
- tools, equipment and materials appropriate for inspecting and servicing autonomous outdoor power 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>