



Australian Government

Assessment Requirements for AURETR147 Recharge vehicle batteries

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:

- recharge at least two automotive batteries with different cold-cranking amp (CCA) ratings.

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 remove and refit vehicle batteries, including:
 - battery and vehicle manufacturer specifications
 - safety data sheets (SDS)
- workplace procedures required to recharge vehicle batteries, including:
 - battery inspection and testing procedures, including:
 - visual checks
 - hydrometers
 - high-rate discharge testers
 - resting battery voltage
 - battery charging procedures, including:
 - methods for determining charging rate, including reserve capacity (RC) and CCA methods
 - 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
- key aspects of workplace health and safety (WHS) and environmental requirements, including:
 - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear
 - dangers of working with battery testing and charging equipment
 - procedures for handling, storing and disposing of automotive batteries and battery fluid
- key features and operating procedures for automotive battery chargers.

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 vehicles where they have recharged batteries, 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:

- automotive workplace or simulated workplace
- personal protective equipment appropriate to the workplace
- two lead-acid automotive batteries with different CCA ratings
- battery testing equipment, including hydrometer and high-rate discharge tester
- battery charger
- automotive hand tools.

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>