



Australian Government

Assessment Requirements for AUMGTR003 Test, modify and repair vehicle electrical circuits and systems

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTR3003 Perform minor modifications and repairs to electrical circuits and systems

Performance Evidence

Before competency can be determined, individuals must have competently tested, modified and repaired electrical circuits and systems on a minimum of two occasions.

Individuals must demonstrate they can:

- select and use tools and equipment when modifying, repairing and testing electrical circuits and systems according to workplace procedures and work health and safety (WHS) requirements
- test and identify faults in electrical circuits and systems
- repair electrical circuits and systems
- complete workplace documentation relating to testing, repair and modification of electrical circuits and systems.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements relating to testing, repair and modification of electrical circuits and systems
- electrical circuit and system testing procedures
- electrical circuit and system modification and repair procedures, including:
 - repair techniques
 - use of relevant tools and equipment.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

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

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the electrical circuit and systems that they have tested, modified and repaired, e.g. work sheets.

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
- workplace instructions for the testing, modification and repair of electrical circuits and systems
- a range of electrical circuits and systems
- electrical circuit and system specifications
- tools and equipment required for the testing, modification and repair of electrical circuits and systems
- electrical circuit and system work sheets.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

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