



**Australian Government**

**Assessment Requirements for  
AUMGTR002 Manufacture and modify  
vehicle wiring harnesses**

**Release: 1**

# Assessment Requirements for AUMGTR002 Manufacture and modify vehicle wiring harnesses

## Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTR3002 Manufacture or modify wiring harnesses

## Performance Evidence

Before competency can be determined, individuals must have competently manufactured and modified wiring harnesses on a minimum of two occasions.

Individuals must demonstrate they can:

- select and use tools and equipment for manufacturing and modifying wiring harnesses
- comply with work health and safety (WHS) requirements relevant to manufacturing and modifying wiring harnesses
- manufacture wiring harnesses
- modify and repair wiring harnesses
- test wiring harnesses and identify faults
- terminate electrical connectors and terminals
- complete wiring harness manufacture and modification work sheets.

## Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements relevant to manufacturing and modifying wiring harnesses
- manufacturing and modification procedures of wiring harnesses, including:
  - repair techniques
  - termination techniques
  - connector and terminal removal and replacement techniques
- testing procedures of wiring harnesses, including:
  - terminal retention checks
  - use of relevant testing 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 wiring harnesses that they have manufactured and modified, e.g. wiring harness manufacture work sheet.

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
- wiring harness manufacturing, modification and repair work instructions
- wiring harness specifications
- a range of wiring harnesses required for the production process
- tools and equipment required for the manufacture and modification of wiring harnesses
- wiring harness work sheets and test result documentation.

## **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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