



Australian Government

**Assessment Requirements for
AURVTW007 Carry out oxyacetylene
thermal heating and cutting on vehicle body
sections**

Assessment Requirements for AURVTW007 Carry out oxyacetylene thermal heating and cutting on vehicle body sections

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- carry out oxyacetylene thermal heating and cutting on three different vehicle body sections.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS), and occupational health and safety (OHS) requirements relating to carrying out oxyacetylene thermal heating and cutting on vehicle body sections, including procedures for:
 - selecting and using personal protective equipment (PPE) when working with oxyacetylene equipment
 - using specialist thermal heating and cutting tools and equipment
 - manually handling vehicle components and heating and cutting equipment
 - identifying and controlling hazards
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- equipment manufacturer operating procedures
- use and operation of oxyacetylene plant, including procedures for setting and adjusting pressure and gauges
- oxyacetylene flame identification and applications, including:
 - natural
 - carburising
 - oxidising

- maintenance requirements of oxyacetylene equipment, including checking for oxyacetylene gas leaks from gauges, fittings and hoses
- methods, techniques and procedures for oxyacetylene thermal heating and cutting
- procedures for protecting vehicle and components during oxyacetylene thermal heating and cutting work
- procedures for final inspection of oxyacetylene thermal heating and cutting work.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

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 having used oxyacetylene thermal heating and cutting on vehicle body sections, e.g. work 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 repair workplace or simulated workplace
- workplace instructions
- PPE required to conduct oxyacetylene thermal heating and cutting
- oxyacetylene plant
- three different vehicle body sections requiring thermal heating and cutting
- oxyacetylene safety equipment and operating instructions
- tools, equipment and materials appropriate for carrying out oxyacetylene thermal heating and cutting.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>