



Australian Government

Assessment Requirements for AURTTTC002 Repair radiators

Release: 1

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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 standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- repair three different radiators, in which the work must involve the following materials:
 - aluminium
 - copper
 - plastic.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to repairing radiators, including procedures for:
 - using heating and welding equipment
 - working with corrosive cleaning agents
- environmental requirements, including procedures for trapping, storing and disposing of coolant released from radiators
- application, purpose and operation of radiators, including:
 - aluminium, copper and plastic radiators
 - cooling system, heater core and intercoolers
- dismantling procedures for aluminium, copper and plastic radiators
- cleaning, inspecting and testing procedures for aluminium, copper and plastic radiators, including:
 - visual inspection
 - pressure testing
 - tank testing
- repair procedures for aluminium, copper and plastic radiators, including soldering

- post-repair procedures for radiators, including pressure testing.

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 the radiators that they have repaired, 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 repair workplace or simulated workplace
- workplace instructions
- three different radiators made of the materials specified in the performance evidence and requiring repair
- tools, equipment and materials appropriate for repairing radiators.

Links

Companion Volume implementation guides are found in VETNet -

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

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