



Australian Government

Assessment Requirements for AURTTA010 Service and repair trailers up to 4.5 tonnes

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:

- service, repair and adjust two different trailers with an aggregate trailer mass (ATM) up to 4.5 tonnes, in which the work must involve:
 - repacking wheel bearings
 - inspecting and adjusting brakes
 - inspecting and servicing suspension
 - coupling and securing chains
 - inspecting vehicle hitch, trailer coupling and securing chains
 - inspecting and servicing electrical system.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to servicing and repairing trailers up to 4.5 tonnes, including procedures for:
 - lifting and supporting trailers
 - handling and controlling brake dust and brake fluids
 - working with stored energy
- environmental requirements, including procedures for trapping, storing and disposing of hazardous materials and substances released from braking systems, including lubricants, brake fluid, brake dust and fibres
- identification, purpose and basic operation of trailer systems, including:
 - braking systems, including:
 - hydraulic

- electrical
- mechanical
- electrical wiring circuits
- trailer service and repair procedures, including:
 - wheel bearings
 - suspension system
 - braking system
 - lighting system
 - vehicle hitch and trailer coupling types and securing chains
 - 5th wheel trailer couplings
- post-service and repair testing procedures for trailers, including stationary and mobile performance tests.

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 trailers that they have serviced and 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
- manufacturer trailer specifications
- two different trailers with an ATM up to 4.5 tonnes requiring service and repair
- tools, equipment and materials appropriate for servicing and repairing trailers up to 4.5 tonnes.

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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