



Australian Government

Assessment Requirements for AURTTA024 Develop and apply pneumatic system modifications

Release: 1

Assessment Requirements for AURTTA024 Develop and apply pneumatic system modifications

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:

- develop and apply one of the following significant and non-routine modifications on the pneumatic system of two different vehicles or machinery:
 - adapt or modify pneumatic system to a significantly changed capability
 - adapt pneumatic system for different work conditions
 - modify or install a significant pneumatic system for a special purpose.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to developing and applying pneumatic system modifications, including procedures for:
 - working with high air pressure hazards
 - dealing with stored air pressure hazards
- principles and processes involved in planning and implementing modifications to pneumatic systems
- types, functions, operation and limitations of pneumatic systems being modified
- types, functions, operation and limitations of diagnostic testing equipment required for pneumatic system modifications, including meters, gauges, and load and pressure testing devices
- requirements of Australian Design Rules (ADRs) and Vehicle Safety Bulletins (VSBs) relating to pneumatic system modifications
- procedures for documenting and reporting the modification specifications and outcomes.

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 pneumatic systems that they have modified, 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 pneumatic system specifications
- ADRs and VSBs relating to pneumatic system modifications
- two different vehicles or machinery requiring pneumatic system modification
- testing equipment for pneumatic system modification
- tools, equipment and materials appropriate for completing pneumatic system modifications.

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>