



Australian Government

Assessment Requirements for AURTTX005 Inspect and service clutch systems

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:

- inspect and service the clutch systems of two different vehicles or machinery, including:
 - one mechanically operated clutch system
 - one hydraulically operated clutch 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 inspecting and servicing clutch systems, including procedures for controlling clutch dust and clutch fluid hazards
- environmental requirements, including procedures for trapping, storing and disposing of clutch fluid released during clutch bleeding
- identification, function and operation of clutch system and components, including:
 - clutch plate
 - pressure plate
 - flywheel
 - release bearing and release fork
 - pedals, master cylinder, slave cylinder, and cables
- basic operation of clutch systems, including:
 - dry single or multi-plate clutch
 - wet multi-plate clutch
 - centrifugal clutch
 - hydraulically operated clutch

- mechanically or cable operated clutch
- types and applications of clutch fluids
- inspection procedures for clutch systems, including:
 - mechanically or cable operated clutch component wear
 - hydraulic operating system for leaks
- service and adjustment procedures for clutch systems, including:
 - adjusting clutch pedal
 - adjusting release fork
 - bleeding clutch fluid
- post-service testing procedures for clutch systems.

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 clutch systems that they have worked on, 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 clutch system specifications
- two different vehicles or machinery with clutch systems requiring servicing
- tools, equipment and materials appropriate for inspecting and servicing clutch systems.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

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