



Australian Government

Assessment Requirements for AURTTX015 Inspect and service clutch systems

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

The candidate must demonstrate the following according to the standards defined in the elements, performance criteria and foundation skills of this unit.

The candidate must demonstrate inspecting and servicing the clutch systems of two different vehicles or machinery, including:

- one mechanically operated clutch system
- one hydraulically operated clutch system
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Knowledge Evidence

The candidate must demonstrate the following knowledge:

Key policies and procedures for the inspection and service of clutch, including:

- how to locate and interpret manufacturer specifications or equivalent documentation and workplace procedures for inspecting and servicing clutch systems
- the following workplace health and safety requirements for inspecting and servicing clutch systems:
 - procedures for controlling clutch dust and clutch fluid hazards
- the following environmental requirements and procedures for inspecting and servicing clutch systems:
 - trapping, storing and disposing of clutch fluid released during clutch bleeding
- the following inspection procedures for clutch systems:
 - 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

- workplace housekeeping and documentation procedures

Clutch systems technical information including:

- the identification, function and operation of the following clutch system and components:
 - clutch plate
 - pressure plate
 - flywheel
 - release bearing and release fork
 - pedals and cables
 - master cylinder
 - slave cylinder
- basic operation of the following clutch systems:
 - 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
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Assessment Conditions

The assessment must:

- include access to:
 - an automotive repair workplace or simulated workplace that reflects workplace conditions - where simulation is used, it must reflect real working conditions by modelling industry operating conditions and contingencies, as well as, using suitable facilities, equipment and resources
 - repair orders and workplace instructions relating to inspect and service activity
 - workplace procedures relating to inspect and service activity
 - manufacturer clutch system specifications or equivalent documentation to complete inspect and service activity
 - two different vehicles or machinery with clutch systems requiring servicing
 - tools, equipment and materials suitable for inspecting and servicing clutch systems
- be demonstrated in the workplace or in a simulated environment that reflects workplace conditions
- be conducted in a safe environment
- be assessed in compliance with relevant policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed
- confirm consistent performance can be applied in a range of relevant workplace circumstances

Assessor Requirements

Assessors of this unit must:

- satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards
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Links

Companion Volume Implementation Guides are found in VETNet -

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