



**Australian Government**

# **Assessment Requirements for AURTTX011 Overhaul torque converters**

**Release: 1**

# Assessment Requirements for AURTTX011 Overhaul torque converters

## 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:

- overhaul three different torque converters.

## Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to overhauling torque converters, including procedures for using:
  - specialised torque converter overhaul tools, equipment and machinery
  - chemicals and toxic substances
  - manual and mechanical lifting equipment
- environmental requirements, including procedures for trapping, storing and disposing of fluids released from torque converters
- types, characteristics and operating principles of torque converters
- torque converter overhaul procedures, including:
  - methods for cleaning and preparing torque converters for overhaul
  - torque converter dismantling procedures
  - torque converter component inspection, measuring and evaluation procedures, including:
    - torque converter case damage
    - measuring tolerances and clearances of components
  - torque converter component repair and adjustment procedures, including procedures for removing and replacing components

- torque converter assembly procedures, including procedures for adjusting component tolerances
- post-overhaul testing procedures for torque converters.

## 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 torque converters 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:

- mechanical repair workplace or simulated workplace
- workplace instructions
- manufacturer torque converter specifications
- three different torque converters requiring overhaul
- tools, equipment and materials appropriate for overhauling and adjusting torque converters.

## 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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