



**Australian Government**

# **Assessment Requirements for AURTTK001 Use and maintain measuring equipment in an automotive workplace**

**Release: 1**

# Assessment Requirements for AURTTK001 Use and maintain measuring equipment in an automotive workplace

## 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 standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- use and maintain each of the following pieces of measuring equipment:
  - inside and outside micrometers
  - vernier calipers
  - dial indicators
  - steel rulers
  - squares
  - straight edges
  - feeler gauges
  - pressure gauges
  - temperature gauges.

## Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to using and maintaining measuring equipment, including safe operating procedures for specific measuring equipment
- types, uses, limitations and operation of measuring equipment specified in the performance evidence, including:
  - using metric and imperial units of measurement
  - using analogue and digital measuring equipment
- procedures for selecting measuring equipment suitable to job requirements
- identification and tagging procedures for faulty measuring equipment

- basic maintenance, adjustment, calibration and storage procedures for measuring equipment.

## 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 measuring equipment that they have used and maintained, e.g. repair orders with calculated tolerances.

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
- measuring equipment specified in the performance evidence requiring maintenance
- vehicles, components or materials that require the use of automotive measuring equipment
- material relevant to maintaining automotive measuring equipment, including:
  - measuring equipment operating instructions or manuals
  - relevant measuring equipment and adjusting or calibration equipment
  - tagging material.

## 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>