



Australian Government

Assessment Requirements for AURTTA003 Use and maintain basic mechanical measuring devices

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:

- use and maintain three of the following basic mechanical measuring devices:
 - inside and outside calipers
 - steel rulers
 - depth gauges
 - spirit levels
 - tape measures
 - squares
 - T-squares
 - straight edges.

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 basic mechanical measuring devices, including safe operating procedures for basic mechanical measuring devices
- types, uses, limitations and operating procedures for the basic mechanical measuring devices specified in the performance evidence
- procedures for selecting measuring devices
- procedures for identifying and tagging faulty measuring devices
- basic maintenance, adjustment, calibration and storage procedures for mechanical measuring devices.

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 mechanical measuring devices they have used and maintained, 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 workplace or simulated workplace
- task instructions
- manufacturer mechanical measuring device specifications
- basic mechanical measuring devices specified in the performance evidence
- vehicles, components or materials that require the use of basic mechanical measuring devices
- tools, equipment and materials appropriate for using and maintaining basic mechanical measuring devices.

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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