



Australian Government

Assessment Requirements for AURTTA005

Select and use bearings, seals, gaskets, sealants and adhesives

Release: 1

Assessment Requirements for AURTTA005 Select and use bearings, seals, gaskets, sealants and adhesives

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:

- prepare and install:
 - two of the following bearing types:
 - roller type bearing
 - ball type bearing
 - plain type bearing
 - two different gaskets
 - two different seals
- select and use two different sealants and adhesives.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for working safely with sealants and adhesives, lubricants and greases
- environmental requirements, including procedures for trapping, storing and disposing of:
 - excess materials produced when applying sealants and adhesives
 - lubricants and greases released during work processes
- identification, application, function and operating principles, including:
 - bearings, including ball, roller and plain
 - seals, including lip, face, O ring, square section ring, and metal surface
 - gaskets, including treated paper, cork, composite materials, metal, synthetic, rubber, fibre, and nylon

- types, characteristics, uses and limitations of sealants and adhesives, including application techniques
- inspection, service, installation and adjustment procedures, including:
 - bearings, including:
 - roller types
 - ball types
 - plain types
 - seals and sealing surface condition
 - gaskets
- types and applications of bearing lubricants and greases.

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 bearings, seals, gaskets, sealants and adhesives they have selected and used, 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 specifications relating to bearings, seals, gaskets, sealants and adhesives
- vehicle or equipment requiring the application of bearings, seals, gaskets, sealants and adhesives
- bearings, seals, gaskets, sealants and adhesives as specified in the performance evidence
- tools, equipment and material appropriate for installing bearings, seals and gaskets.

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>