



Australian Government

**Assessment Requirements for AURBTD003
Repair and overhaul bicycle steering
systems**

Release: 1

Assessment Requirements for AURBTD003 Repair and overhaul bicycle steering systems

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:

- repair and overhaul three different bicycle steering systems according to manufacturer specifications
- repair and overhaul the following components in the course of the above work:
 - forks
 - headsets
 - handlebars and stems.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to repairing and overhauling bicycle steering systems, including procedures for:
 - manually handling bicycles and their steering systems
 - identifying workplace hazards
 - using tools and equipment, including personal protective equipment (PPE)
- environmental requirements, including procedures for disposing of waste materials
- key bicycle steering system terminology
- purpose of bicycle steering systems and their relationship to suspension, wheels, drivetrain, frame and braking systems
- operating principles of steering system components, including:
 - forks
 - headsets
 - handlebars and stems

- types and use of tools and equipment used to repair and overhaul bicycle steering systems
- techniques and processes for repairing and overhauling bicycle steering systems, including:
 - identification of bicycle steering components, materials and specifications
 - fault identification
 - measuring techniques
 - steering system adjustment techniques
 - steering system testing procedures.

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 bicycle steering systems that they have repaired and overhauled, 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:

- bicycle workplace or simulated workplace, including location to test bicycle steering system
- workplace instructions detailing job requirements
- manufacturer specifications and technical information for bicycle steering systems
- PPE required to repair and overhaul bicycle steering systems
- component parts as required
- three different bicycles with steering systems requiring repair and overhaul
- tools and equipment appropriate for repairing and overhauling bicycle steering systems.

Links

Companion Volume implementation guides are found in VETNet -

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

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