



Australian Government

Assessment Requirements for AURBT002 Service bicycle suspension systems

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

- service and test the following three different bicycle suspension systems according to manufacturer specifications:
 - elastomer and spring units system
 - mechanical system
 - hydraulic system.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to servicing bicycle suspension systems, including procedures for:
 - manually handling bicycles and their suspension systems
 - identifying workplace hazards
 - using personal protective equipment (PPE)
- environmental requirements, including procedures for disposing of waste materials
- bicycle suspension system terminology
- types of bicycle suspension systems and application of suspension mechanical principles
- service requirements of a bicycle suspension system
- types and use of tools and equipment used to service bicycle suspension systems
- techniques and processes for servicing bicycle suspension systems, including:
 - identification of bicycle suspension components, materials and specifications
 - fault identification
 - bicycle measuring techniques

- suspension system adjustment techniques
- suspension system testing procedures
- servicing options, including:
 - on- and off-site servicing
 - servicing and adjusting suspension system components
 - upgrading suspension components.

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 suspension systems that they have serviced, e.g. service 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 suspension system
- workplace instructions detailing job requirements
- manufacturer specifications for suspension systems
- PPE required to service bicycle suspension systems
- three different bicycle suspension systems specified in the performance evidence and requiring servicing and testing
- tools and equipment appropriate for servicing bicycle suspension 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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