



Australian Government

Assessment Requirements for AURBTJ002 Service bicycle wheels and hubs

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 three different bicycle wheels and three different hubs.

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 wheels and hubs, including procedures for:
 - manually handling bicycles and wheels
 - identifying workplace hazards
 - using tools and equipment, including personal protective equipment (PPE)
- environmental requirements, including procedures for disposing of waste materials
- key bicycle terminology relating to wheels and hubs
- application, purpose and function of bicycle wheels and hubs
- bicycle wheel and hub components specified in the range of conditions
- types of lubricants and their application
- types and use of tools and equipment used to service bicycle wheels and hubs
- techniques for servicing bicycle wheels and hubs, including:
 - procedures for different types of bicycles
 - wheel and hub specifications
 - wheel and hub mechanical principles
 - wear or faults in bicycle wheel and hubs
 - torque measurement and adjustment of wheels
 - wheel and hub 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 wheels and hubs 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
- workplace instructions detailing job requirements
- wheel and hub technical and component specifications
- PPE required to service bicycle wheels and hubs
- three bicycles with differing wheels and hubs requiring servicing and testing
- tools and equipment appropriate for servicing bicycle wheels and hubs.

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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