



Australian Government

Assessment Requirements for AURBCA002 Select and adjust bicycles to fit riders

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:

- select, fit and adjust three different bicycles to suit riders with differing requirements and builds.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to adjusting bicycles, including procedures for manually handling bicycles
- environmental requirements, including procedures for trapping, storing and disposing of waste grease and oils
- procedures for use, maintenance and storage of specialist bicycle tools and equipment, including personal protective equipment (PPE)
- bicycle types, categories and trends
- key bicycle terminology
- bio-mechanical principles of cycling
- techniques and procedures for selecting and adjusting bicycles, including:
 - bicycle components and assembly methods
 - bicycle measuring techniques
 - bicycle and component adjustment procedures
- features of rider comfort on a bicycle, including:
 - stability
 - efficiency
 - aerodynamics.

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 riders they have measured and fitted to a bicycle, e.g. bicycle order.

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 retail workplace or simulated workplace
- workplace instructions
- PPE required when fitting bicycle to rider
- bicycle manufacturer specifications
- three riders with differing requirements and build requiring bicycle fittings
- three different bicycle models, including:
 - with and without gears
 - with lever-operated brakes
- tools and equipment appropriate for selecting and adjusting bicycles to fit riders.

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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