



Australian Government

Assessment Requirements for AURBTA003 Assemble bicycles

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:

- assemble three different semi-assembled bicycles, in which the work must involve:
 - one bicycle with gears
 - one bicycle with disc brakes
 - one road bicycle
- fit and adjust the following components during the above assemblies:
 - head stem and bearings
 - disc and rim brakes
 - seats
 - wheels
 - pedals
 - sprockets, gears and chains.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to assembling bicycles, including procedures for manually handling bicycles
- environmental requirements, including procedures for trapping, storing and disposing of waste grease and oils
- Australian Competition and Consumer Commission (ACCC) product safety standards relating to assembling bicycles
- key bicycle component and accessory terminology
- types of bicycles and their key features
- procedures for assembling and adjusting bicycles, including:

- types and use of bicycle assembly tools and equipment, including torque wrenches
- bicycle measuring techniques
- fitting and adjustment procedures for the components specified in the performance evidence
- greasing and lubrication procedures
- bicycle testing procedures, including post-assembly adjustment and safety checks.

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 bicycles that they have assembled, e.g. bicycle assembly 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
- ACCC product safety standards relating to bicycles
- three different bicycles requiring assembly, including one bicycle with gears, one with disc brakes, and one road bicycle
- tools and equipment appropriate for assembling bicycles.

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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