



Australian Government

Assessment Requirements for AURBTA005 Restore 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:

- restore a used or vintage bicycle and its following components to original condition and full function according to customer requirements and work instructions:
 - frame
 - wheels and rims
 - drivetrain system and gears
 - braking system
 - steering and suspension systems.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to restoring bicycles, including procedures for:
 - manually handling bicycles
 - working with specialist bicycle tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste grease and oils
- application, purpose and function of key bicycle components, including appropriate new and used parts
- types and use of tools and equipment used to restore, assemble and adjust bicycles
- bicycle types, accessories and component fitting methods
- bicycle restoration procedures, including:
 - procedures for planning bicycle restorations
 - bicycle measuring techniques

- bicycle component assembly and adjustment methods
- bicycle component fitting, testing and adjustment methods, including fastener tensioning methods
- 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 used or vintage bicycle that they have restored, e.g. work 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
- bicycle manufacturer specifications
- a used or vintage bicycle with the components specified in the performance evidence requiring restoration
- tools, equipment and materials appropriate for restoring used or vintage bicycles.

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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