



Australian Government

Assessment Requirements for AURBTA103 Assemble bicycles

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- assemble three different semi-assembled bicycles, in which the work must involve:
 - at least one bicycle with gears
 - at least one bicycle with disc brakes
 - at least 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

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to assemble bicycles, including:
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to assemble bicycles, including:
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials

- recycling procedures
- work health and safety (WHS) 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, as well as:
 - accessories, including bell and reflectors
 - controls
 - handlebars
 - seat greasing and lubrication procedures
 - bicycle testing procedures, including post-assembly adjustment and safety checks.

Assessment Conditions

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.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>