



Australian Government

**Assessment Requirements for AURBTA007
Provide mechanical support during cycling
events**

Release: 1

Assessment Requirements for AURBTA007 Provide mechanical support during cycling events

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:

- set up a temporary mobile mechanical support work station during two different cycling events
- adjust and repair two bicycles during the above events, in which the work must involve:
 - identifying bicycle components to be repaired or replaced
 - applying correct repair, replacement, adjustment and testing procedures
 - working under pressure within required event timeframes.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to providing mechanical support during cycling events, including procedures for:
 - manually handling bicycles, components, tools and equipment
 - identifying hazards
 - using personal protective equipment (PPE)
- environmental requirements, including procedures for disposing of waste materials
- bicycle mechanical principles
- key bicycle components and their specifications
- cycling event categories and bicycle types, including:
 - road, track and mountain
 - community and recreational
- key bicycle and cycling event terminology
- cycling governing bodies and their relevant regulations

- location and content of workplace procedures relating to adjusting and repairing bicycles during cycling events
- optimum set-up and layout of temporary work station at a cycling event
- types and use of tools and equipment used by mechanical support teams
- repair and maintenance techniques for bicycles and components in a race or event environment, including:
 - testing and adjustment methods
 - component repair, replacement, adjustment and tensioning techniques.

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 and where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the cycling events where they have provided mechanical support, e.g. cycling event repair reports.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- temporary workstation at two different cycling events or simulated event locations, including:
 - floor and matting
 - tables, benches and bicycle stands
 - lighting
 - bicycle storage
- workplace instructions
- workplace and cycling event information
- PPE for mechanical support
- bicycle components
- bicycles that require repair and adjustment at cycling events
- tools and equipment appropriate for providing mechanical support during cycling events, including:
 - portable bicycle stands
 - hand tools and spare parts
 - lubricants and hydraulic fluid
 - pump and compressor.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>