



**Australian Government**

**Assessment Requirements for  
AURMTA006 Perform torquing and  
fastening on motor sport competition  
vehicles**

**Release: 1**

## Assessment Requirements for AURMTA006 Perform torquing and fastening on motor sport competition vehicles

### 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 standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- torque the fasteners of three different competition vehicle components or sub-assemblies
- secure fasteners on six different competition vehicle components or sub-assemblies.

### Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to torquing and fastening on motor sport competition vehicles, including procedures for working safely with sealants, adhesives, lubricants and greases
- environmental requirements, including procedures for trapping, storing and disposing of excess materials released during application of sealants and adhesives
- types, characteristics, uses and limitations of fasteners used in motor sport and performance enhancement, including:
  - clips, pins and clamps, nuts and bolts, and screws
  - material stress
- types, characteristics, uses and limitations of mechanical and liquid chemical fastener securing locking devices, including:
  - lock wire and lock tabs
  - liquid locking compounds and adhesives
  - shelf life expiry
- principles, applications, methods and techniques for torquing
- procedures for preparing competition vehicle components for assembly.

## 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 torquing and fastening they have performed on motor sport competition vehicles, e.g. work 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:

- motor sport workplace or simulated workplace
- workplace instructions
- fasteners, locking devices, liquid locking compounds and adhesives
- manufacturer torquing and fastening specifications
- three different competition vehicle components or sub-assemblies that require torquing of their fasteners
- six different competition vehicle components or sub-assemblies that require fastening to other components.

## 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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