



Australian Government

**Assessment Requirements for
AURMTA002 Assemble and prepare
competition vehicles for motor sport events**

Release: 1

Assessment Requirements for AURMTA002 Assemble and prepare competition vehicles for motor sport 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 standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- assemble and prepare two different competition vehicles, in which the work must involve:
 - installing body, mechanical and electrical systems
 - installing fluid or pneumatic and fire 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 assembling and preparing competition vehicles, including procedures for:
 - selecting and using personal protective equipment (PPE) when assembling competition vehicles
 - using chemical cleaning and lubricating agents
- environmental requirements, including procedures for trapping, storing and disposing of chemicals and fluids released during assembly process
- details of competition vehicle design, quality, and material, equipment and quantities in team instructions, supplementary regulations and manufacturer specifications
- typical stages of competition vehicle assembly
- procedures for setting up work area and component layout
- component cleaning and inspection procedures
- procedures for assembling and installing sub-assemblies and ancillary systems, including:
 - sub-assembly and ancillary system installation sequence and techniques
 - optimum layout for conduits and ancillary components
 - types of securing devices and securing methods

- types of shielding devices and shielding methods
- procedures for checking fitting of sub-assemblies and ancillary systems
- post-assembly checking procedures, including:
 - checking and topping up fluid levels
 - engine pre-start checks
 - measuring pressures, temperatures, noise and checking for leaks of components
 - checking correct operation of sub-assemblies and ancillary systems
- procedures for establishing vehicle baseline configuration
- procedures for installing springs and dampers and measuring and adjusting ride height and corner weight
- procedures for measuring and adjusting steering angles.

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 competition vehicles that they have assembled and prepared for a motor sport event, 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 repair workplace or simulated workplace
- two different motor sport competition vehicles
- sub-assemblies and ancillary components to be installed in competition vehicles
- controlling body rules, category rules and supplementary regulations for the motor sport event
- personal and motor sport team safety procedures and requirements, including PPE
- tools, equipment and material for assembling and preparing a competition vehicle.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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