



Australian Government

**Assessment Requirements for AURMTJ001
Select and prepare motor sport competition
vehicle tyres and wheels**

Release: 1

Assessment Requirements for AURMTJ001 Select and prepare motor sport competition vehicle tyres and wheels

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:

- select, prepare and fit tyres and wheels to two different motor sport competition vehicles in differing conditions, including:
 - vehicle type
 - track surface
 - weather conditions.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to selecting and preparing motor sport tyres and wheels, including procedures for:
 - manually handling tyres and wheels
 - selecting and using personal protective equipment (PPE)
- environmental requirements, including procedures for trapping, storing and disposing of contaminants released during pre-race preparation and post-race maintenance of tyres and wheels
- key requirements of controlling body rules, category rules and supplementary regulations relating to selecting and preparing tyres and wheels for motor sport applications
- types, function, application and limitations of wheels and tyres, including:
 - handling characteristics
 - supplier tyre markings
- procedures for selecting tyres and wheels for motor sport applications, including tyre and wheel considerations for:

- vehicle type
- track surface
- weather conditions
- mounting procedures of wheel assemblies to vehicles, including:
 - tyre and wheel serviceability inspection techniques
 - mounting sequences and techniques
 - types of fasteners and locking devices
- pre-race tyre and wheel preparation procedures, including:
 - procedures for checking tyre, track and ambient temperatures
 - cold and operating or hot pressures of tyres
 - buffing procedures for tyres
 - warming procedures for tyres
- post-race tyre analysis procedures, including:
 - tyre contact surface wear analysis
 - driver or rider questioning techniques
 - tyre contact surface cleaning procedures
 - tyre measurement, including stagger calculations
- tyre storage procedures, including tyre and wheel stock inventory documentation methods.

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 tyres and wheels they have selected and prepared for 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
- two different motor sport competition vehicles
- motor sport tyres and wheels for differing conditions
- tools and equipment for mounting and demounting tyres and wheels from motor sport vehicles
- equipment appropriate for measuring tyre pressure and temperature, and track and ambient temperatures.

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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