



Australian Government

Assessment Requirements for AURMKA001 Manage motor sport data

Release: 1

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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:

- configure data acquisition process for each of the following types of motor sport data on two occasions:
 - vehicle data
 - weather data
 - circuit data
 - driver or rider characteristics
- acquire, analyse and present above acquired data.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to collecting and logging motor sport data, including procedures for identifying hazards and managing risks
- types of motor sport data sources, including vehicle, weather, circuit and driver or rider
- motor sport data acquisition systems, including:
 - types, characteristics, components, uses and limitations of signal devices and sensors
 - methods for determining component rates and ratios
 - configuration, inspection and system checks of data acquisition systems
 - operation of data acquisition systems and inputting of variables
 - data retrieval processes and techniques
- data analysis principles, techniques and methodology, including associated mathematical formulas

- types of statistical representations of motor sport data, including vehicle, weather, circuit, and driver or rider
- data security and confidentiality procedures
- data acquisition system inspection, maintenance and system check procedures, including data acquisition system fault diagnosis.

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 having managed motor sport data, e.g. analysis 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:

- motor sport vehicle
- motor sport data acquisition system
- motor sport data analysis software.

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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