Assessment Requirements for AURMTA109 Collect and log motor sport data

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- collect and log data at two different motor sport events, including at least one sanctioned motor sport event
- use both manual and electronic systems at each of the above events
- collect the following types of data at each of the above events:
  - vehicle data
  - weather data
  - circuit data
  - driver or rider characteristics.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to collect and log motor sport data, including:
  - information provided by customer and supervisors
  - manufacturer specifications and procedures or equivalent documentation
  - controlling body rules, category rules and supplementary regulations
  - computer-based data and data analysis software
- workplace procedures required to collect and log motor sport data, including:
  - establishing serviceability of tools and equipment
  - documentation procedures
  - housekeeping procedures, including:
    - examination of tools and equipment
    - storage of equipment

- identification, tagging and isolation of faulty equipment
- disposal of excess materials
- recycling procedures
- work health and safety (WHS) requirements relating to collecting and logging motor sport data, including procedures for:
  - identifying hazards and managing risks
  - identifying acceptable tolerance levels for noise, heat and fumes
- motor sport data acquisition systems, including:
  - types, characteristics, components, uses and limitations
  - types of motor sport data, including data irregularities and tolerance levels
  - end users of motor sport data
  - manual data collection and logging methods
  - electronic data collection and logging methods
- types of data analysis software, including:
  - methods of importing data and performing preliminary data evaluation
  - methods of collating, reporting and recording data findings
- data acquisition system inspection, maintenance and system check procedures, including:
  - checks for function
  - checks for accuracy
  - checks for efficiency.

Assessment Conditions

Competency is to be assessed in the workplace, for one sanctioned event.

Other competencies are to be assessed in an automotive repair 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 motor sport data they have collected and logged, 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:

- two different motor sport events, including one sanctioned event
- motor sport vehicle
- manual motor sport data acquisition system, including:
  - stopwatches
  - tyre pyrometer
  - weather station
- electronic motor sport data acquisition system, including data analysis software.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1