



Australian Government

Assessment Requirements for AUMATR002 Install and maintain motor vehicle instrumentation sensors and transmitters

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATR4002 Use sensors to acquire motor vehicle data for development purposes

Performance Evidence

Before competency can be determined, individuals must have competently installed, adjusted and maintained instrumentation sensors and transmitters on a minimum of three occasions.

Individuals must demonstrate they can:

- comply with workplace procedures and work health and safety (WHS) requirements relating to installing, adjusting and maintaining instrumentation sensors and transmitters
- comply with industry code of practice in using instrumentation sensors, signal transmitters and final control units
- communicate vehicle data with co-workers
- select tools and equipment appropriate to the installation and maintenance of motor vehicle instrumentation sensors and transmitters
- check the currency of equipment calibrations
- complete test results relating to installing, adjusting and maintaining instrumentation sensors and transmitters.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements relating to installing, adjusting and maintaining instrumentation sensors and transmitters
- workplace procedures to gather data from vehicle sensors for further development
- types of sensors, signal transmitters and final control elements, and procedures for their safe use, operation and maintenance
- procedures for identifying faulty sensors
- recording and reporting documentation and vehicle data.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles that they have worked on, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive manufacturing workplace or simulated workplace
- sensors to acquire motor vehicle data for development purposes
- tools and equipment required to gather data
- workplace and manufacturer instructions
- work plans and sensor specifications
- workplace procedures to gather data from vehicle sensors for further development.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

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