



Australian Government

Assessment Requirements for AURRTE001 Carry out wet run tests on vessel outboard engines

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:

- carry out wet run testing on two outboard engines, including one outboard engine fitted to a boat.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to wet run testing vessel outboard engines, including procedures for:
 - lifting and supporting outboard engines
 - working with outboard engines, including:
 - rotating components
 - propellers
 - exhaust emissions
 - abnormal noise
- environmental requirements, including procedures for trapping, storing and disposing of fluids released from engines during wet run testing
- types and classifications of outboard engines, including two- and four-stroke engines
- wet running procedures for outboard engines, including:
 - using test tanks
 - using outboard engine flushers
 - checking throttle, choke and fast idle settings
- testing procedures for wet running outboard engines, including attaching tachometers to engines.

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 vessel outboard engines that they have wet run tested, 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:

- marine repair workplace or simulated workplace
- workplace instructions
- manufacturer outboard engine specifications
- two different marine outboard engines, including one engine fitted to a boat
- wet run testing equipment for outboard engines
- tools, equipment and materials appropriate for carrying out wet run tests on vessel outboard engines.

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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