



Australian Government

**Assessment Requirements for AURRTR001
Inspect, service and maintain marine
battery storage systems**

Release: 1

Assessment Requirements for AURRTR001 Inspect, service and maintain marine battery storage systems

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:

- inspect, service and maintain the marine battery storage systems of two different vessels.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to inspecting, servicing and maintaining marine battery storage systems, including procedures for:
 - selecting and using personal protective equipment (PPE), including clothing, and eye and hand protection
 - working with high current electrical systems
 - manually handling batteries and toxic and corrosive substances
 - checking and dealing with flammable gas build-up in boats prior to starting electrical system work
 - environmental requirements, including procedures for trapping, storing and disposing of cleaning fluids used during service and maintenance process
- identification and function of marine battery storage system components, including:
 - base, cover and box
 - battery hold-down systems
 - ventilation and cooling systems
 - battery switching devices
- inspection procedures for marine battery storage systems, including inspecting:
 - battery, terminals and leads

- battery securing systems
- battery storage compartments
- service and maintenance procedures for marine battery storage systems, including:
 - cleaning batteries, battery terminals and posts, and battery storage compartments
 - topping up battery fluid.

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 marine battery storage systems that they have inspected, serviced and maintained, 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:

- workplace location or simulated workplace
- workplace instructions
- manufacturer battery storage system specifications
- two different vessels with marine battery storage systems requiring service and maintenance
- PPE, including clothing, and eye and hand protection
- tools, equipment and materials appropriate for inspecting, servicing and maintaining marine battery storage systems.

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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