



Australian Government

Assessment Requirements for AURRTA009 Recommission vessels and engine systems

Release: 1

Assessment Requirements for AURRTA009 Recommission vessels and engine 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:

- recommission two different vessels and their engine systems, in which the work must involve:
 - preparing vessel systems for use, including:
 - electrical systems
 - steering system
 - safety systems
 - preparing engine systems for use, including:
 - fuel system
 - cooling system
 - driveline system.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to recommissioning vessels and engine systems, including procedures for checking and dealing with flammable gas build-up in boats
- environmental requirements, including:
 - procedures for trapping, storing and disposing of fluids drained from engine systems
 - procedures for disposing of batteries
- recommissioning procedures for vessel and engine systems, including:
 - properties and use of servicing fluids, lubricants and anti-corrosion products used in recommissioning procedures

- preparing vessel systems for use, including:
 - electrical and on-board electronic systems
 - steering system
 - safety systems, including procedures for checking flotation devices and fire extinguishers
- preparing engine systems for use, including:
 - fuel system
 - cooling system
 - driveline system
- post-recommissioning testing procedures for vessel systems, including procedures for water testing vessels and systems.

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 vessels that they have recommissioned, 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 vessel specifications
- two different vessels and associated engine systems requiring recommissioning
- testing equipment for vessel systems
- tools, equipment and materials appropriate for recommissioning vessels and engine systems.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>