



Australian Government

Assessment Requirements for AURRTA003 Winterise vessels and engine systems

Release: 1

Assessment Requirements for AURRTA003 Winterise 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:

- winterise two different vessels and their engine systems, in which the work must involve:
 - fogging engine cylinders
 - treating fuel systems
 - disconnecting batteries
 - lubricating linkages and starter drive mechanisms
 - treating cooling systems
 - weatherproofing systems and components.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to testing and winterising 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
- pre-winterising testing procedures for vessels and engine systems, including:
 - electrical system testing
 - engine and driveline testing
 - control system testing
- winterising procedures for vessels and engine systems, including:
 - properties and use of servicing fluids, lubricants and anti-corrosion products used in winterising procedures

- fogging engine cylinders
- emptying and treating fuel systems
- disconnecting batteries
- lubricating linkages and starter drive mechanisms
- treating cooling systems
- weatherproofing systems and components.

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 winterised, 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, engines and associated systems requiring winterising
- testing equipment for vessels and engine systems
- tools, equipment and materials appropriate for winterising 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>