



Australian Government

**Assessment Requirements for MARN002
Apply seamanship skills aboard a vessel up
to 12 metres**

Release: 1

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Modification History

Release 1. New unit of competency.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- being aware of own ability and limits to rectify irregularities and faults
- checking seaworthiness and general condition of a vessel up to 12 metres
- coiling and stowing ropes
- handling ropes
- identifying deterioration and causes in hull and fittings
- performing an eye splice and a short splice
- performing common whipping on ropes
- performing letting go and weighing anchor
- preparing and throwing a heaving line
- providing the required amount of detail in reports
- refuelling a vessel according to safety regulations and organisational safety management system requirements
- securing a vessel alongside using vessel mooring lines
- tying reef-knot, bowline, clove hitch, round turn and two half hitches, rolling hitch
- using a sea anchor as emergency steering.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- basic structural parts of a small vessel
- considerations to make when selecting an anchorage
- correct application of common knots and hitches
- how to make a vessel watertight
- loading, discharging and movement of weights
- maintenance of synthetic and natural fibre ropes
- mooring line arrangements for securing at a berth
- principles of maintaining watertight integrity
- procedure for anchoring
- procedure for deploying a sea-anchor
- types of anchors used on small vessels up to 12 metres
- work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices.

Assessment Conditions

Assessors must satisfy National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) assessor requirements.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- tools, equipment, machinery, materials and personal protective equipment currently used in industry
- applicable documentation such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- range of relevant exercises, case studies and/or simulations.

Links

MAR Maritime Training Package Companion Volume Implementation Guide at: -
http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=22