



**Australian Government**

**Assessment Requirements for MARN008  
Apply seamanship skills aboard a vessel up  
to 12 metres**

**Release: 1**

## **Assessment Requirements for MARN008 Apply seamanship skills aboard a vessel up to 12 metres**

### **Modification History**

Release 1. New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

### **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:

- applying work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices
- 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
- performing common whipping on ropes
- performing preparations for and letting go and weighing anchor
- preparing and throwing a heaving line
- securing a vessel alongside using vessel mooring lines, including:
  - bow and stern lines
  - fore and aft springs
- securing anchor and equipment on completion of anchoring operations
- tying reef knot, bowline, clove hitch, round turn and two half hitches, rolling hitch and sheet bend - single and double.

### **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:

- anchors, types and characteristics
- basic structural parts of a small vessel
- considerations to make when selecting an anchorage
- correct application of common knots and hitches
- coverage and frequency of checks of vessels seaworthiness
- factors affecting the safety and integrity of vessel; its equipment and materials on board
- how to make a vessel watertight

- identifying and rectifying irregularities in the condition and seaworthiness of the vessel
- large objects likely to move in a sea way
- loading, discharging and movement of weights
- maintenance of synthetic and natural fibre ropes
- materials on deck and below
- mooring line arrangements for securing at a berth
- openings including hatch covers and all other openings that water can enter
- principles of maintaining watertight integrity
- process for checking seaworthiness and general condition of a vessel up to 12 metres including:
  - accommodation and storage spaces
  - anchors
  - galley, stores and equipment
  - large objects likely to move in a sea way
  - materials on deck and below
  - opening
- procedure for anchoring
- refuelling a vessel according to safety regulations and organisational safety management system requirements
- rope types, characteristics and applications, dynamic and non-dynamic, including:
  - braided
  - natural fibre
  - plaited
  - polyester
  - wire core rope
  - wire rope
- safety precautions and pollution control measures during refuelling
- securing a vessel for sea
- types of anchors used on small vessels up to 12 metres
- WHS/OHS requirements and work practices.

## Assessment Conditions

Assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment. As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment. 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.

Practical assessment must occur in a workplace, or realistic simulated workplace, under the normal range of workplace conditions. Simulations and scenarios may be used where situations cannot be provided in the workplace or may occur only rarely, in particular for situations relating

to emergency procedures and adverse weather conditions where assessment would be unsafe, impractical or may lead to environmental damage. With the exception of whipping, splicing and knot tying, the Australian Maritime Safety Authority (AMSA) mandated practical assessment (AMPA) must be undertaken on a vessel  $\geq 5.0$  metres in length.

Resources for assessment must include access to:

- applicable documentation, such as legislation, regulations, codes of practice, safety management system, workplace procedures and operational manuals
- a vessel  $\geq 5.0$  m in length
- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) currently used in industry.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2>