



Australian Government

Assessment Requirements for MARN010 Apply general purpose hand skills aboard a vessel

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package.

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:

- assisting in different types of mooring operations
- assisting in the performance of common operations, including:
 - berthing and unberthing
 - rigging and recovering means of access to the vessel
- assisting in preparation and anchoring the vessel
- following safe work practices during mooring operations
- handling ropes and wires
- performing an eye splice, back splice and a short splice
- performing common whipping on ropes
- tying common knots, bends and hitches, including:
 - bowline
 - clove hitch
 - reef knot
 - round turn and two half hitches
 - rolling hitch
- using different types of deck machinery
- using synthetic rope mooring lines.

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:

- anchor cable markings
- anchoring the vessel in varying weather conditions
- characteristics, care and maintenance of different types of ropes
- correct application of common knots, bends and hitches, including:
 - bowline
 - clove hitch

- eye splice
- reef knot
- round turn and two half hitches
- rolling hitch
- short splice
- correct nautical terminology
- different configurations of mooring lines for various parts of a vessel, including:
 - back springs
 - bow and stern ropes
 - breast lines
 - fore and aft springs
- different types of anchors
- hazards and procedures associated with refuelling
- hazards associated with confined spaces
- hazards that could occur if the operation is not properly controlled
- procedures for:
 - lashing cargo
 - loading or discharging
 - making adjustments from both fore and aft mooring positions
 - making fast and letting go fore and aft to a wharf
 - making fast and letting go to a single-point mooring
- requirements and means of access to the vessel
- safe and environmentally responsible work practices
- safety management system (SMS)
- securing equipment and objects for sea passage, transit in port or ready for use
- work health and safety (WHS)/occupational health and safety (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.

Resources for assessment must include access to:

- a commercial vessel
- applicable documentation, such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- tools, equipment, machinery, materials and personal protective equipment (PPE) currently used in industry.

Links

Companion Volume implementation guide can be found in VetNet -

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