



Australian Government

Assessment Requirements for MARN016 Apply general purpose hand skills aboard a commercial vessel

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the MAR Maritime Training Package.

- Minor statement changes in unit Application
- Minor statement changes in Assessment Conditions.

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
 - preparation and anchoring the vessel
 - the performance of common operations, including:
 - berthing and unberthing
 - rigging and recovering means of access to the vessel
- complying with workplace requirements, including:
 - manufacturer and supervisor instructions
 - Safety Management System (SMS)
 - work health and safety (WHS)/occupational health and safety (OHS) requirements and safe work practices
 - workplace procedures
- handling and using ropes/lines and wires, including:
 - performing an eye splice, back splice and a short splice
 - performing common whipping on ropes
 - synthetic rope mooring lines
 - tying common knots, bends and hitches, including:
 - bowline
 - clove hitch
 - reef knot
 - rolling hitch
 - round turn and two half hitches
- using different types of deck machinery.

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, wires and lines
- correct application of common knots, bends and hitches, including:
 - bowline
 - clove hitch
 - eye splice
 - reef knot
 - rolling hitch
 - round turn and two half hitches
 - short splice
- correct nautical terminology
- different configurations of mooring lines for various parts of a vessel, including:
 - spring lines:
 - back springs
 - forward and aft springs
 - bow and stern lines
 - breast lines
- different types of anchors
- hazards and procedures associated with:
 - confined spaces
 - refuelling
 - machinery spaces
 - vessel access
- hazards that could occur if the operation is not properly controlled
- implementing safe and environmentally responsible work practices
- requirements and means of access to the vessel, including:
 - rigging and stowing gangways
 - accommodation ladders
 - pilot ladders
- securing equipment and objects for sea passage, transit in port or ready for use
- workplace requirements, including:
 - SMS
 - WHS/OHS requirements and safe work practices:
 - Code of Practice for Health and Safety in Shipboard Work
 - state/territory WHS/OHS legislation

- workplace procedures, including:
 - 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
 - working aloft or over the side.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within 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, SMS, workplace procedures and operational manuals
- 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>