



**Australian Government**

# **Assessment Requirements for MARK001 Handle a vessel up to 12 metres**

**Release: 2**

# Assessment Requirements for MARK001 Handle a vessel up to 12 metres

## Modification History

Release 2. Additional information on adverse weather conditions included in Knowledge Evidence (KE). Clarification of guidance information in Performance Evidence, KE and Assessment Conditions.

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, performance criteria and range of conditions on at least one occasion and include:

- anchoring a vessel
- handling a disabled or partially disabled vessel
- manoeuvring a vessel in:
  - vicinity of large vessels
- manoeuvring a vessel through:
  - berthing and leaving a berth in various wind and tidal conditions
  - berthing and unberthing in a pen
  - coming to and leaving a mooring
  - person overboard
  - steering astern through an 's' configuration
  - towing and being towed in varying weather conditions
  - turning short around in a limited space
  - turning a vessel across the tide across the wind
- manoeuvring to beach and refloat the vessel
- maintaining situational awareness
- using appropriate communication.

## Knowledge Evidence

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

- adverse weather conditions including:
  - fog and restricted visibility
  - tropical revolving storm activity in the area
  - wind and sea conditions that may affect the safety of the vessel.
- avoidance of tropical revolving storm activity
- effects of:
  - displacement and planing hulls
  - jet units
  - outboard and inboard propulsion units
  - rudders and propellers
- features of a vessel that relate to its handling characteristics
- manoeuvring characteristics of small power-driven vessels (heavily laden and lightly laden)
- manoeuvring a vessel in bad weather
- maritime publications and procedures relating to emergency response
- procedures for towing and being towed
- stability of a small vessel and stability terms
- techniques for crossing a coastal bar with and against the sea
- techniques for handling a vessel in heavy swell and surf
- trim and displacement
- use of a sea anchor
- 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 satisfy the National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) standards.

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](http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=22)