



Australian Government

**Assessment Requirements for MARK002
Manoeuvre a vessel up to 24 metres within
near coastal waters**

Release: 1

Assessment Requirements for MARK002 Manoeuvre a vessel up to 24 metres within near coastal waters

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:

- anchoring a vessel
- determining required action for a range of emergency situations
- handling a disabled or partially disabled vessel
- issuing helm and engine orders
- manoeuvring a vessel through:
 - berthing and leaving a berth in various wind and tidal conditions
 - berthing in a pen
 - coming to and leaving a mooring
 - person overboard
 - towing and being towed
 - turn short around
 - turning a vessel across the tide across the wind
- manoeuvring a vessel to approach an anchorage
- maintaining situational awareness
- manoeuvring to assist vessels in distress
- using a sea anchor.

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:

- effects of displacement and planing hulls
- effects of inboard propulsion units
- effects of rudders and propellers
- effects of interaction with passing or moored vessels
- factors that could adversely affect vessel safety during operations
- features of a vessel that relate to its handling characteristics
- lessening drift and use of oil
- launching boats or life rafts
- manoeuvring characteristics of a vessel:
 - in heavy weather
 - in heavy swell and surf
 - crossing a bar
 - in a narrow channel or shallow water
- manoeuvring a vessel astern
- manoeuvring characteristics to beach and refloat the vessel
- manoeuvring characteristics to assist a vessel or aircraft in search and rescue
- means of keeping a vessel out of a trough
- manoeuvring a vessel to position for helicopter evacuation
- precautions in manoeuvring or launching boats or life rafts in bad weather
- procedures for towing and being towed
- techniques for crossing a coastal bar with and against the sea
- trim and displacement
- 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