



Australian Government

Assessment Requirements for MARK003 Manoeuvre a vessel up to 80 metres

Release: 1

Assessment Requirements for MARK003 Manoeuvre a vessel up to 80 metres

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 in:
 - bad weather
 - in heavy swell and surf
 - crossing a bar
 - following and quartering seas
- manoeuvring a vessel in normal and emergency situations
- manoeuvring a vessel through:
 - berthing and leaving a berth and anchor work in various wind and tidal conditions
 - berthing and unberthing
 - coming to and leaving a mooring
 - person overboard
 - steering astern through an 's' configuration
 - towing and being towed
 - turn short around
 - turning a vessel across the tide across the wind
- manoeuvring a vessel to embark or disembark a pilot
- manoeuvring in shallow water
- maintaining situational awareness.

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
- factors that could adversely affect vessel safety during operations
- features of a vessel that relate to its handling characteristics
- interaction with passing vessels, banks and shallow water
- launching boats or life rafts
- lessening drift and use of oil
- manoeuvres assisting a vessel or aircraft in distress
- manoeuvres to beach and refloat the vessel
- manoeuvring characteristics
- means of keeping a vessel out of a trough
- methods of taking on board survivors from lifeboats and life rafts
- precautions in manoeuvring or launching boats or life rafts in bad weather
- procedures for towing and being towed
- radio communications
- requirements for entering, departing and crossing a traffic separation area
- techniques for crossing a coastal bar with and against the sea
- 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 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

Companion Volume implementation guides are found in VETNet -

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