



Australian Government

Assessment Requirements for MARK008 Manoeuvre a vessel up to 24 metres within Near Coastal waters

Release: 2

Assessment Requirements for MARK008 Manoeuvre a vessel up to 24 metres within Near Coastal waters

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 Knowledge Evidence
- Minor statement changes in Assessment Conditions.

Release 1. New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

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 actions for a range of emergency situations
- handling a disabled or partially disabled vessel
- issuing helm and engine orders
- maintaining situational awareness, including:
 - own vessel position in relation to shallow water and other obstructions
 - vessels in the vicinity
 - weather conditions that may affect the manoeuvre
- manoeuvring a vessel astern
- manoeuvring a vessel in adverse weather conditions, including:
 - reducing speed
 - seeking shelter
 - steering a course to minimise the effect of wind and sea
- manoeuvring a vessel to:
 - approach an anchorage
 - berth and leave a berth
 - come to and leave a mooring
 - safely launch and retrieve boats or life rafts
 - turn across the tide or across the wind
 - turn short around

- operating secondary or emergency means of steering
- rescuing a person overboard, including:
 - manoeuvring to retrieve person overboard
 - Williamson turn
- towing and being towed
- undertaking preparations for towing.

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:

- appropriate reports to be made for authorities when towing
- deployment and use of sea anchor to keep vessel head to sea
- effects of interaction with passing or moored vessels
- effects of trim and displacement on the manoeuvring characteristics of a vessel
- factors that could adversely affect vessel safety during operations
- features of a vessel that relate to its handling characteristics, and their effects, including:
 - displacement and planing hulls
 - propellers
 - propulsion units, including:
 - inboard engines
 - inboard-outboard engines
 - jet propulsion
 - outboard engines
 - rudders
- launching procedures for boats or life rafts
- lessening drift and use of oil
- manoeuvring conditions that may affect the safety of the vessel, including:
 - heading to wind and sea to ride out the adverse weather
 - in a narrow channel or shallow water
 - in fog and restricted visibility
 - in heavy swell and surf
 - in heavy weather
 - to cross a bar with and against the sea
- manoeuvring procedures to:
 - assist a vessel or aircraft in search and rescue
 - beach and re-float the vessel
 - position for helicopter evacuation
- manoeuvring procedures in the event of:
 - beaching

- collision
- damage to the vessel
- disabled or partially disabled vessel
- fire
- grounding
- loss of steering gear
- person overboard
- precautions when manoeuvring or launching boats or life rafts in bad weather
- preparations for towing, including:
 - crew briefings that include the task at hand and risks to persons on both vessels
 - ensuring appropriate lights and shapes for the tow are available and in working order
 - ensuring means of communication between the two vessels is available
 - ensuring tow line is of sufficient length to minimise shock loading on tow-line
 - ensuring tow ropes are in good condition and of adequate strength for the proposed tow
 - making provision for rapid slipping of the tow in emergency situations
 - making tow fast to the towing vessel to ensure steerage can be maintained
 - preparing messenger ropes for passing tow lines
- procedures for towing and being towed
- process and requirement to assist vessels in distress
- work health and safety (WHS)/occupational health and safety (OHS) requirements and safe work practices.

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:

- applicable documentation, such as legislation, regulations, codes of practice, safety management system (SMS), workplace procedures and operational manuals
- a commercial vessel greater than or equal to 7.5 m in length

- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) that are 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>