



Australian Government

Assessment Requirements for MARK012 Steer a vessel under direction of the Master

Release: 1

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Modification History

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:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices
- changing from automatic pilot to hand steering and changing from hand steering to automatic pilot
- ensuring working behaviour reflects relevant current legislative and regulatory requirements
- maintaining situational awareness at all times
- steering a vessel:
 - coming to and leaving a mooring
 - in bad weather
 - in fog and restricted visibility
 - in heavy swell and surf
 - in the vicinity of large vessels
 - in wind and sea conditions that may affect the safety of the vessel
 - when approaching and departing in anchorage
 - while towing and being towed.

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 use and selection of personal protective equipment (PPE)
- effects on the overall operation of the vessel and on the steering characteristics of a vessel, including:
 - displacement and planning hulls
 - outboard and inboard propulsion units
 - rudders and propellers
 - trim and displacement
- features of a vessel that relate to its handling and steering characteristics, including:

- affect manoeuvrability
- effects of single or twin screw
- effects when moving astern
- rate of turn
- stopping ability
- use of controllable pitch propeller
- use of helm and rudder indicators
- relevant WHS/OHS requirements, work practices and pollution control regulation and policies
- use of magnetic and gyrocompasses as applied to the steering of a vessel.

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, workplace procedures and operational manuals
- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) currently used in industry.

Links

Companion Volume implementation guide can be found in VetNet -

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