



Australian Government

**Assessment Requirements for MARC014
Operate deck machinery and steering gear
on a vessel up to 80 metres**

Release: 1

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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:

- communicating effectively with others
- completing required records relating to the operation of steering gear and deck machinery
- following work schedules laid down in organisational instructions and safety management systems
- initiating and operating emergency steering systems
- reading, interpreting and applying instructions on the operation of steering gear and deck machinery
- recognising faulty equipment and taking appropriate action
- recognising routine hazards and problems while operating steering gear and deck machinery
- selecting and using relevant tools and equipment
- working safely and collaboratively with others when operating and maintaining deck machinery and steering gear.

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:

- basic principles of hydraulics
- communication techniques and signals needed during the operation of steering gear and deck machinery on vessels up to 80 metres
- principal features and operating characteristics of steering gear and deck machinery used on vessels up to 80 metres
- problems related to the operation of steering gear and deck machinery and appropriate actions and solutions
- procedures for checking and inspecting steering gear and deck machinery used on vessels up to 80 metres
- procedures for the safe operation of steering gear and deck machinery
- procedures for, and operation of, emergency steering systems
- records that must be maintained on a vessel up to 80 metres

- relevant state and territory maritime work health and safety (WHS)/occupational health and safety (OHS) and pollution control regulations and policies
- safety, environmental and hazard control precautions and procedures relevant to the operation of steering gear and deck machinery.

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 currently used in industry including:
 - greasing and lubrication tools
 - hand and power tools, including screwdrivers, drills, grinders, spanners, wrenches, wire cutters.
 - protective clothing and equipment
- 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>