



Australian Government

MARI002 Observe regulations to ensure safe operation of a vessel up to 80 metres

Release: 1

MARI002 Observe regulations to ensure safe operation of a vessel up to 80 metres

Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to apply current commonwealth, state and territory Acts, legislation, codes of practice and other publications pertaining to the safe operation of a vessel up to 80 metres.

This unit applies to people working in the maritime industry on vessels up to 80 metres.

This unit has links to legislative and certification requirements.

Pre-requisite Unit

Not applicable.

Competency Field

I – Regulations and Port Operations

Unit Sector

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Interpret relevant maritime rules and regulations impacting on vessel operations and personal responsibilities	1.1	Regulatory requirements for vessel operations and maintenance are followed
	1.2	Duties and responsibilities as the person in charge of a vessel are recognised
	1.3	Relevant commonwealth, state and territory or local legislation governing the vessel and the passage are identified
	1.4	Organisational procedures relating to the vessel's safety management system are identified

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| | 1.5 | Copies of relevant rules and regulations are stored in an accessible location on the vessel according to regulations |
| 2 Ensure continuous validity of vessel certification | 2.1 | Certification expiry dates for the vessel, renewal requirements, periodic inspections or extensions are checked to ensure continuous validity |
| | 2.2 | Survey items and equipment are tested, checked and maintained according to certificate conditions |
| | 2.3 | Arrangements for renewals and surveys are completed in a timely manner and comply with issuing authority requirements |
| | 2.4 | Vessel's documents are completed and any effects of damage and alterations or additions to the vessel or operations are specified according to certification requirements and authority procedures |
| | 2.5 | Certificates and documentation are stored in a location on the vessel according to regulations |
| 3 Apply legislative and regulatory requirements to vessel operations and maintenance | 3.1 | Regulatory requirements relating to operations and maintenance of the vessel are interpreted and applied as required |
| | 3.2 | Vessel procedures for monitoring operations and maintenance are implemented |
| | 3.3 | Training and instruction, including induction training, on procedures is instigated to ensure crew comply with regulations |
| | 3.4 | Failure to comply with procedures is identified and dealt with according to organisational procedures |
| | 3.5 | Tasks are monitored to ensure compliance with regulatory requirements |
| | 3.6 | Problems that may lead to potential non-compliance are promptly identified and rectified or reported according to organisational procedures |
| | 3.7 | Compliance with all relevant legislative and regulatory requirements is demonstrated while operating the vessel |
| 4 Maintain statutory records of | 4.1 | Regulatory requirements related to records and reports are interpreted |

compliance

- 4.2 Records and reports are completed to comply with applicable regulations
- 4.3 Records and reports are distributed to the required maritime authority at appropriate times and places
- 4.4 Copies of records and reports are maintained according to regulatory requirements
- 4.5 Evidence of current authorisation, training and relevant licences are maintained according to legal and regulatory requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Regulatory requirements for vessel operations and maintenance include:

- assisting in distress
- certificates on board a vessel
- distress signals
- duties and responsibilities of the Master
- International Association of Lighthouse Authorities (IALA) Buoyage System
- International Regulations for Preventing Collisions at Sea
- lifesaving and firefighting appliances
- lights, shapes and sounds
- logbook or vessel record book
- marine pollution prevention

- operational areas and classifications of vessels
- radio logbook and regulations
- WHS/OHS legislation

Records and reports

include one or more of the following:

- applicable logbooks
- environmental control logbooks
- survey certificates

Unit Mapping Information

This is a new unit. This unit is equivalent to MARI3001A Observe regulations to ensure safe operation of a vessel up to 80 metres.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MARI002 Observe regulations to ensure safe operation of 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:

- identifying and acting according to the duties and responsibilities of the Master
- identifying and solving problems to do with the implementation of regulations relating to the operations, security and maintenance of a vessel up to 80 metres
- interpreting and applying regulations related to the operations, security and maintenance of a vessel up to 80 metres
- maintaining statutory records of compliance including logbooks
- obtaining information from commonwealth, state and territory Acts, legislation, codes of practice and other publications relating to the operations, security and maintenance of a vessel up to 80 metres
- recognising navigation marks in the International Association of Lighthouse Authorities (IALA) Buoyage System
- providing the required amount of detail in reports
- providing training, inductions and briefings to crew and passengers.

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:

- action that must be taken for non-compliance with applicable maritime regulations
- applicable International Maritime Organization (IMO) conventions
- applicable state and territory maritime regulations relating to the operation of vessels up to 80 metres
- certificates to be carried on board
- collision regulations relevant to a domestic Australian vessel up to 80 metres
- content of publications and Marine Notices about:
 - navigational warnings (including firing practices)
 - precautions concerning submarine cables and pipelines
 - search and rescue
- commonwealth legislation concerning safety of life at sea
- commonwealth and state legislation reflecting the provisions of International Conventions for the Prevention of Pollution from Ships (MARPOL)

- importance of maintaining a logbook or vessel record book
- information relating to safe navigation in coastal waters
- IALA Buoyage System A
- laws relating to lifesaving appliances; fire appliances; distress, urgency and safety signals
- legal certification requirements for a vessel less than 80 metres
- procedures for monitoring compliance with relevant maritime regulations
- responsibilities for the prevention of pollution of the marine environment
- relevant aspects of a safety management system (International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM) Code)
- relevant state/territory Acts, regulations, notices, determinations or other legislation about the operation of trading vessels for which the certificate will be valid
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation
- requirements for records and reports that must be made under applicable maritime regulations
- risk management principles and application
- Uniform Shipping Laws (USL) Code, in particular Section 15, Emergency Procedures and Safety of Navigation and National Standard for Commercial Vessels (NSCV) Part C, Section 7.

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

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