



Australian Government

Assessment Requirements for MARJ008 Ensure compliance with pollution prevention requirements

Release: 2

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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.

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:

- accessing, interpreting and applying regulatory requirements
- applying procedures for monitoring vessel operations and ensuring compliance with International Convention for the Prevention of Pollution from Ships (MARPOL) requirements are fully observed
- clearly explaining environmental management concepts, principles and procedures to others
- completing reports, including:
 - hazard near miss report form
 - monthly environmental report
 - non-conformance report form
 - regulatory agency reports
 - vessel incident investigation report
 - waste disposal logbooks
 - weekly environmental report
- maintaining accurate environmental records
- maintaining actions to ensure a positive environmental reputation
- monitoring the implementation of environmental management plans, policies and procedures, and specified work methods
- preparing records, including:
 - contractor and supplier information
 - digital photographs
 - environmental monitoring data
 - records of environmental non-conformance, incidents or significant impacts
 - records of monitoring equipment purchase, calibration, inspection, maintenance and service

- records of training
- records required by permit, approval or licence conditions
- regularly inspecting vessel for environmental risks and impacts
- responding to complaints and requests for information from authorities and authorised personnel.

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:

- anti-fouling systems
- anti-pollution equipment, sewage plant, incinerator, comminutor and ballast water treatment plan
- anti-pollution procedures and all associated equipment
- ballast water management and their discharge criteria
- controlled discharge of oil
- environmental legislative/regulatory requirements and responsibilities relevant to the vessel
- environmental management and training information, including:
 - due diligence and duty to notify
 - environmental management actions and checklists, and methods/procedures for specific activities
 - incident management and reporting
 - introduction to vessel, environmental considerations and sources of environmental information
 - legislative requirements
 - licensing/compliance requirements
 - organisational environmental management policy
- environmental protection/management terminology, concepts and principles
- garbage management systems and anti-fouling systems
- garbage record book
- importance of proactive measures to protect the marine environment, including:
 - conventions and legislation adopted by various countries
 - MARPOL, all relevant Annexes and International Maritime Organization (IMO) circulars
- organisational environmental management plans, procedures, control measures and management actions for vessel
- organisational procedures for:
 - identifying and assessing environmental risks and impacts
 - managing stakeholder relations
 - record management and reporting, including oil record book
 - responding to complaints and other environmental incidents
- precautions to be taken to prevent pollution of the marine environment, including:

- Annexure I - oil
- Annexure II - noxious liquid substances (NLS) in bulk
- Annexure III - harmful substances carried by sea in packaged forms or in freight containers, portable tanks or road and rail tank wagons
- Annexure IV - sewage
- Annexure V - garbage
- Annexure VI - air pollution
- potential risks and incidents, including:
 - ballast water discharge
 - disposal of waste material, including sewage and garbage
 - over-side maintenance work
 - spill or release of hazardous chemicals/materials
- shipboard marine pollution emergency plan
- shipboard oil pollution emergency plan (SOPEP)
- stakeholders, including:
 - cargo owners
 - government officials
 - port authorities
- vessel characteristics and environmental issues, risks and impacts
- vessel response plan
- volatile organic compound (VOC) management plan
- work health and safety (WHS)/occupational health and safety (WHS/OHS) requirements and 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, workplace

- procedures and operational manuals
- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) 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>