



Australian Government

MARJ006 Follow environmental work practices

Release: 2

MARJ006 Follow environmental work practices

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 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.

Application

This unit involves the skills and knowledge required to identify environmental issues and to apply organisational policies and procedures to minimise environmental threats.

This unit applies to people working in the maritime industry:

- in an engine room capacity on vessels up to 100 metres and with propulsion power up to 3000 kW Near Coastal or
- as an integrated rating or chief integrated rating.

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit.

This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as a Coxswain Grade 2 NC, Coxswain Grade 1 NC, Marine Engine Driver Grade 3 NC, Marine Engine Driver Grade 2 NC, Marine Engine Driver Grade 1 NC, Integrated Rating and Chief Integrated Rating as specified in Marine Order 505 and the Standards for Training Certification and Watchkeeping (STCW).

Seafarers seeking certification should check with AMSA.

Pre-requisite Unit

Not Applicable.

Competency Field

J – Environment

Unit Sector

Not Applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Implement environmental work practices

- 1.1** Workplace practices and work instructions relating to potential environmental impacts are implemented
- 1.2** Relevant legislation, codes of practice and standards that impact on environmental work practices are recognised and followed
- 1.3** Environmental protection measures are implemented
- 1.4** Containment procedures are applied according to workplace procedures, where appropriate
- 1.5** Approved waste management procedures and practices are implemented
- 1.6** Signs or symptoms of a potential environmental threat are recognised and reported to appropriate personnel or authorities

2 Contribute to improved environmental work practices

- 2.1** Information is gathered and suggestions are made to appropriate personnel for improvements to work practices
- 2.2** Environmental issues and their relationship to work practices are discussed with colleagues and appropriate personnel
- 2.3** Contributions to the review of environmental work practices and policies are made within limits of own responsibility

3 Maintain environmental records

- 3.1** Environmental records are accurately prepared according to workplace procedures
- 3.2** Environmental records are stored securely

Foundation Skills

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

Range of Conditions

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

Unit Mapping Information

This unit replaces and is equivalent to MARJ001 Follow environmental work practices.

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 MARJ006 Follow environmental work practices

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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 safety and hazard control procedures when disposing of waste and garbage
- applying work health and safety (WHS)/occupational health and safety (OHS) practices, including hazard identification, risk assessment and risk control options
- preparing and keeping clear and concise environmental records
- recognising procedures and following instructions for environmental work practices
- reporting environmental hazards and risks in a timely way.

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:

- environmental and resource hazards and risks associated with the maritime industry
- environmental laws, regulations and standards relevant to work in the maritime industry, including:
 - Commonwealth, state and territory legislation
 - International Convention for the Prevention of Pollution from Ships (MARPOL)
- means of minimising environmental damage, including:
 - increasing the use of renewable, recyclable, re-usable and recoverable resources
- potential environmental threats, including:
 - anchoring
 - noise
 - wash from propellers
- procedures and processes that support environmentally sustainable principles in the

workplace, including:

- avoiding or minimising environmental risks
- documented policies and procedures, including:
 - emergency procedures
 - environmental data recording and reporting procedures
 - hazard and incident reporting and recording procedures
 - procedures for stowage of garbage on board
- environmental hazard and risk identification
- environmental management system
- environmental monitoring
- improving environmental performance
- signs and labels
- waste minimisation and segregation
- work plans
- procedures for reporting environmental hazards and risks
- procedures for use and stowage of hazardous chemicals on board
- requirements for waste management and control systems under the MARPOL Convention
- types and application of waste compactors and crushers suitable for use on board a vessel
- use of oil spill equipment and its limitations
- WHS/OHS practices, including hazard identification, risk assessment and risk control options.

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, including:
 - Commonwealth, state and territory legislation

- local government by-laws and regulations
- MARPOL
- third-party standards, such as the ISO 14000 Environmental management series and those of the Marine Stewardship Council
- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) currently used in industry.

Links

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