



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **MEM50003B Follow work procedures to maintain the marine environment**

**Release: 1**

## MEM50003B Follow work procedures to maintain the marine environment

### Modification History

Not Applicable

### Unit Descriptor

<b>Unit descriptor</b>	This unit covers conducting work on vessels or equipment without adversely affecting the quality of the marine environment.
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### Application of the Unit

<b>Application of the unit</b>	<p>This unit applies to the protection of marine environments when working on or around recreational vessels. It applies to workplaces in which vessels are built, repaired, stored, sold and transported. These workplaces may involve the use of dangerous goods and hazardous materials and may produce noxious waste products.</p> <p>The unit includes skills and knowledge that are particular to protecting a marine environment and are in addition to those normally applied in the workplace.</p> <p>All work and work practices are undertaken to regulatory and legislative requirements.</p> <p>For specific coverage of the limitation, capture and disposal of pollutants in the marine environment see Unit MEM50004B (Maintain quality of environment by following marina codes).</p> <p><b>Band: A</b></p> <p><b>Unit Weight: 1</b></p>
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### Licensing/Regulatory Information

Not Applicable

## Pre-Requisites

<b>Prerequisite units</b>	
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## Employability Skills Information

<b>Employability skills</b>	This unit contains employability skills.
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## Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Identify from work procedures and personal observation activities that may impact on the environment	<p>1.1. Workplace environment and health and safety procedures are located and used to identify approved work procedures.</p> <p>1.2. Workplace is observed noting location of drains and interceptors; banded work and storage areas; recyclable, solid and hazardous waste storage; emergency equipment and spill kits; areas where work may impact on the environment; and equipment and practices used to minimise environmental damage and legally dispose of waste.</p>
2. Complete assigned housekeeping duties	<p>2.1. Assigned housekeeping duties are completed following workplace procedures ensuring that waste is correctly removed to appropriate location; any damaged equipment is tagged for maintenance and notified to appropriate personnel; and schedules and records for housekeeping duties are maintained.</p> <p>2.2. Housekeeping duties are carried out following workplace approved safe work practices and procedures.</p>
3. Follow spill clean-up procedures	<p>3.1. Source of spill is identified and stopped if possible and notification is made to appropriate personnel.</p> <p>3.2. Appropriate materials are identified to contain spills including booms, portable bunding, absorbent materials and drain blocks.</p> <p>3.3. Spills are cleaned up following workplace procedures.</p> <p>3.4. Waste is disposed of in appropriate locations and containers.</p>
4. Assist the business to maintain the quality of the environment	<p>4.1. Business environment policy is followed.</p> <p>4.2. Excessive idling and revving of engines is avoided.</p> <p>4.3. Noisy activities are located away from neighbours where possible.</p> <p>4.4. Noise suppression procedures are used where available.</p> <p>4.5. Dust control and waste containment measures are used.</p> <p>4.6. Waste is appropriately collected and disposed.</p>

## Required Skills and Knowledge

### REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

#### Required skills

Look for evidence that confirms skills in:

- locating and interpreting relevant workplace procedures
- assessing work activities that may impact on the environment
- correct use and handling of materials such as fuels, oils, protective coatings, cleaning products
- identifying sources of potential pollution
- minimising risks of pollution
- containing pollution

#### Required knowledge

Look for evidence that confirms knowledge of:

- identification of pollutants
- procedures to minimise risk of pollution
- procedures for containment of pollution
- overview of applicable environmental legislation

## Evidence Guide

<b>EVIDENCE GUIDE</b>	
<p>The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.</p>	
<b>Overview of assessment</b>	<p>A person who demonstrates competency in this unit must be able to conduct work on vessels using sound work practices without adversely affecting the quality of the marine environment.</p>
<b>Critical aspects for assessment and evidence required to demonstrate competency in this unit</b>	<p>Assessors must be satisfied that the candidate can competently and consistently perform all elements of the unit as specified by the criteria, including required knowledge, and be capable of applying the competency in new and different situations and contexts.</p>
<b>Context of and specific resources for assessment</b>	<p>This unit may be assessed on the job, off the job or a combination of both on and off the job. Where assessment occurs off the job, that is the candidate is not in productive work, then an appropriate simulation must be used where the range of conditions reflects realistic workplace situations. The competencies covered by this unit would be demonstrated by an individual working alone or as part of a team. The assessment environment should not disadvantage the candidate.</p> <p>This unit could be assessed in conjunction with any other units addressing the safety, quality, communication, materials handling associated with a marine environment, or other units requiring the exercise of the skills and knowledge covered by this unit.</p>
<b>Method of assessment</b>	<p>Assessors should gather a range of evidence that is valid, sufficient, current and authentic. Evidence can be gathered through a variety of ways including direct observation, supervisor's reports, project work, samples and questioning. Questioning techniques should not require language, literacy and numeracy skills beyond those required in this unit of competency. The candidate must have access to all tools, equipment, materials and documentation required. The candidate must be permitted to refer to any relevant workplace procedures, product and manufacturing specifications, codes, standards, manuals and reference materials.</p>
<b>Guidance information for</b>	

**EVIDENCE GUIDE**

assessment

**Range Statement****RANGE STATEMENT**

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

**Housekeeping duties**

Relevant housekeeping duties include:

- covering/protecting surfaces prior to starting work
- returning materials and equipment to appropriate storage
- sweeping and cleaning
- containment and mopping of spills
- appropriate disposal/discharge of waste products

**Unit Sector(s)**

Unit sector

**Co-requisite units**

Co-requisite units

## Competency field

Competency field	Boating services
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