



Australian Government

MEM50004 Maintain quality of environment by following marina codes

Release: 1

MEM50004 Maintain quality of environment by following marina codes

Modification History

Release 1. Supersedes and is equivalent to MEM50004B Maintain quality of environment by following marina codes

Application

This unit of competency defines the skills and knowledge required for workers in the industry controlling pollution through the limitation, capture and disposal of pollutants in the marine environment when working on or around recreational vessels and relates to workplaces in which vessels are built, repaired, stored, sold and transported.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Band: A

Unit Weight: 1

Pre-requisite Unit

MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information
MEM50003	Follow work procedures to maintain the marine environment

Competency Field

Boating services

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Select and use appropriate personal protective equipment

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element. (PPE) in accordance with SOPs	
		1.4	List tasks to be conducted or consult work instructions to establish work requirements
		1.5	Inspect vessel to be maintained visually to establish any particular potential pollutants
		1.6	Identify potential pollutants that may be produced as a result of the work
2	Select work area and method	2.1	Identify possible work areas for the work and select to conform to marina/slipway codes and local environmental regulations and to minimise risk of pollution
		2.2	Select work method, equipment and materials to minimise impact on the environment
		2.3	Identify pollution control measures and implement
3	Dispose of potential pollutants	3.1	Classify potential pollutants, separate and collect appropriate to the recycling, treatment or storage system adopted by the business
		3.2	Dispose of collected pollutants in accordance with regulatory requirements and workplace procedures
4	Support implementation of marina and slipway environment management plans	4.1	Follow workplace designated procedures for marina and slipway management
		4.2	Communicate observations of the effects of the management plan and recommend implementation improvements to appropriate personnel
		4.3	Participate in the implementation of the environment management plan

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

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

Range of Conditions

This field allows for 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.

Pollutants include one (1) or more of the following:

- wastewater, including bilge/black/grey/storm/cleaning water
- paint, including fumes and overspray
- anti-fouling flakes or solution
- sand or grit from blasting/cleaning
- fuel or oil spills
- discharges of emulsified oil
- domestic waste
- noise
- smoke and fumes

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>

Assessment Requirements for MEM50004 Maintain quality of environment by following marina codes

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying and conforming with marina/slipway codes and local environmental regulations to minimise risk of pollution
- communicating observations of the effects of the management plan and recommending implementation improvements
- identifying potential sources of pollution
- identifying work tasks and appropriate area to perform work
- minimising risks of pollution and containing using appropriate measures
- collecting and disposing of pollutants according to SOPs
- following workplace procedures for marina and slipway management.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- communication procedures
- marina and slipway environmental management
- identification of pollutants
- procedures to minimise risk of pollution
- procedures for containment of pollution
- applicable environmental legislation
- applicable marina codes and regulations.

Assessment Conditions

- Assessors must:

- have vocational competency in maintaining quality of environment by following marina codes at least to the level being assessed with relevant industry knowledge and experience
- satisfy the assessor requirements in the *Standards for Registered Training Organisations 2015* or its replacement and comply with the *National Vocational Education and Training Regulator Act 2011*, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires
- Where possible assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications
- 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.

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