



Australian Government

MEM50002 Work safely on marine craft

Release: 1

MEM50002 Work safely on marine craft

Modification History

Release 1. Supersedes and is equivalent to MEM50002B Work safely on marine craft

Application

This unit of competency defines the skills and knowledge required to identify risks and safely work on and move around vessels – for sales, service or repair – on and out of the water and applies to recreational vessels in both land and water environments and in workplaces in which vessels are built, repaired, stored, sold and transported.

This unit could be assessed in conjunction with unit MEM13002 Undertake work health and safety activities in the workplace and unit MEM13003 Work safely with industrial chemicals and materials.

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

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	Identify safe access methods and working platforms	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate access methods to gain access to the work location
		1.4	Inspect work platforms to confirm that they are

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appropriate for the purpose, are located in a correct manner and comply with any regulatory controls

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| 2 | Move around and work safely on recreational vessels | 2.1 | Identify risks and hazards from observation, including confined spaces, and identify workplace approved risk controls |
| | | 2.2 | Select work methods and tools appropriate for the task |
| | | 2.3 | Identify and use appropriate engineering controls |
| | | 2.4 | Select and use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 2.5 | Use appropriate warning signs and signals |
| | | 2.6 | Minimise, control and dispose of work residues in accordance with SOPs |
| | | 2.7 | Maintain worksite in a clean and tidy state using appropriate housekeeping methods |
| 3 | Follow emergency procedures for incidents in the marine environment | 3.1 | Use appropriate responses in reaction to incidents and accidents |
| | | 3.2 | Use communication systems and methods to convey emergency messages |
| | | 3.3 | Follow drills for fire, explosion, toxic/dangerous spills and leakage, personal illness or injury, man overboard, collision or vessel damage |

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.

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| Access to the work location includes one (1) or more of the following: | <ul style="list-style-type: none">• gang planks• hatches• access ladders• bosun's chairs• rigging |
| Work platforms include one (1) or more of the following: | <ul style="list-style-type: none">• purpose built work platforms• mobile and prefabricated scaffold• elevated work platforms |
| Engineering controls include one (1) or more of the following: | <ul style="list-style-type: none">• ventilation and extraction systems• dust control devices• screens |
| PPE includes one (1) or more of the following: | <ul style="list-style-type: none">• goggles/face shields• masks or respirators• air supplied or self-contained helmets• appropriate footwear, gloves and appropriate garments• hearing protection• fall arrest devices• UV protection |
| Workplace housekeeping includes the following: | <ul style="list-style-type: none">• covering/protecting surfaces prior to starting work• returning materials/equipment to storage area• sweeping and cleaning• containment and mopping of spills• appropriate disposal of waste products |
| Communication systems and methods include one (1) or more of the following: | <ul style="list-style-type: none">• direct voice• megaphone• flares• radio• hand signals• telephone• flags• computer• EPIRB |

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>