



Australian Government

MEM25014 Perform marine slipping operations

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM25014B Perform marine slipping operations

Application

This unit of competency defines the skills and knowledge required to perform slipping operations on marine vessels, including work/pleasure craft and yachts appropriate to the capacity of the slipping facility.

Where travel lifts, forklifts and/or cranes are required to be used unit MEM11010 Operate mobile load shifting equipment or other appropriate units should also be selected.

Where boat is to be moored using the vessel's engine or with the assistance of a work boat unit MEM50009 Safely operate a mechanically powered recreational boat should be selected.

Where skills for drawing interpretation, marking out and constructing structures for slipping are required appropriate units should also be selected.

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

Band: A

Unit Weight: 2

Pre-requisite Unit

MEM11011	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations

Competency Field

Marine craft construction

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	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Determine set-up of slipping facility to suit vessel in accordance with organisational and legislative requirements
2	Set up slipping facilities	2.1	Take measurements to suit hull structure, where applicable
		2.2	Position hull support bearers to suit hull structure, where applicable
3	Perform hauling out procedures	3.1	Position slipping facilities to suit slipping application
		3.2	Position vessel to suit slipping set-up
		3.3	Select vessel retaining ropes and secure in accordance with slipping facility and vessel retaining requirements
		3.4	Ground/level vessel for positioning of hull support
		3.5	Position hull support mechanics
		3.6	Carry out safety checks of vessel stability
4	Perform launching procedures	4.1	Check vessel support and slip devices for safety
		4.2	Apply pre-launch safety checks for vessel seaworthiness
		4.3	Carry out launch practices according to standard procedure and organisational requirements
		4.4	Re-position hull support devices to prevent obstruction

Elements describe the essential outcomes.

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

during vessel removal

- 4.5 Moor vessel using appropriate restraints, where applicable

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.

Vessel support and slip devices include one (1) or more of the following:

- slings
- shoring
- cables
- stays
- blocks
- chocks

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>