



Australian Government

MARB025 Maintain mooring equipment

Release: 1

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Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to maintain mooring equipment. It includes identifying faulty equipment, working safely, carrying out maintenance and completing necessary documentation.

This unit applies to individuals working in the maritime industry who have responsibility for the operational maintenance of mooring equipment.

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

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to carry out maintenance

PERFORMANCE CRITERIA

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

- 1.1 Inspections are conducted to determine extent of maintenance required according to organisational procedures
- 1.2 Tasks are planned and sequenced in conjunction with others involved in or affected by maintenance work and task prioritisation is determined
- 1.3 Relevant tools and equipment required to undertake

- maintenance are identified and assembled
- 1.4 Actual and potential hazards are identified and personal protective equipment (PPE) is selected and assembled to minimise risks
- 2 Carry out maintenance**
- 2.1 Maintenance is carried out according to manufacturer procedures and specifications, and organisational procedures
- 2.2 Equipment that is unable to be repaired or requires specialised maintenance is reported to relevant personnel
- 2.3 Equipment is checked and tested according to organisational procedures to determine whether it functions correctly
- 3 Complete maintenance**
- 3.1 Equipment is suitably stored where it is not likely to suffer deterioration or damage
- 3.2 Required documentation is completed and processed according to organisational procedures
- 3.3 Appropriate personnel are notified of completion of maintenance and details are documented according to organisational procedures

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.

Mooring equipment includes:

- anchors
- bilges
- buoys
- chains
- hooks
- marine fenders
- mooring cock
- mooring rollers
- quick release systems

- Personal protective equipment includes:
- radios
 - ropes and lines
 - shackles
 - sheaves
 - stoppers
 - towing hook
 - wires
 - eye protection/glasses or protective shield
 - helmet
 - personal life vest
 - radiant heat protection/coat
 - reflective clothing
 - safety footwear
 - suitable gloves
 - vest

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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