



**Australian Government**

# **MARF017 Follow work health and safety, and emergency procedures during mooring and unmooring activities**

**Release: 1**

# **MARF017 Follow work health and safety, and emergency procedures during mooring and unmooring activities**

## **Modification History**

Release 1. New unit of competency.

## **Application**

This unit involves the skills and knowledge required to interpret and follow work health and safety (WHS)/occupational health and safety (OHS) policy and procedures, and emergency procedures during mooring and unmooring activities.

This unit applies to people working in the maritime industry as a Linesperson as part of a mooring and unmooring team.

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

## **Pre-requisite Unit**

Not applicable.

## **Competency Field**

F – Operational Quality and Safety

## **Unit Sector**

Not applicable.

## **Elements and Performance Criteria**

### **ELEMENTS**

Elements describe the essential outcomes.

#### **1 Follow safety and hazard control procedures**

### **PERFORMANCE CRITERIA**

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

- 1.1 Tests and inspections of ropes and equipment are conducted according to regulations and company procedures
- 1.2 Hazards are identified and action is taken to eliminate or minimise risk to personnel, port facilities, vessel and the environment

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|--------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                  | 1.3 | Safety precautions and hazard minimisation procedures and regulations are followed at all times during mooring or unmooring operations                                                                  |
|                                                  | 1.4 | Safe distance from snapback zones and demarcated area is maintained during tensioning and slackening of lines                                                                                           |
|                                                  | 1.5 | Action is taken to secure vessel and to maintain safety of vessel and persons involved, in a mooring or unmooring incident                                                                              |
| <b>2 Use personal protective equipment</b>       | 2.1 | Personal protective equipment (PPE) is obtained and checked prior to commencement of operations according to company WHS/OHS policy and procedures                                                      |
|                                                  | 2.2 | PPE is correctly used as required                                                                                                                                                                       |
|                                                  | 2.3 | PPE is correctly stored after use according to company procedures                                                                                                                                       |
| <b>3 Follow safety and emergency procedures</b>  | 3.1 | Wharf, port and vessel emergency procedures are accessed and implemented                                                                                                                                |
|                                                  | 3.2 | Safety drills are conducted according to company procedures                                                                                                                                             |
|                                                  | 3.3 | Escape routes, and internal and external communications and alarm systems are correctly used according to regulatory requirements and established port procedures                                       |
|                                                  | 3.4 | Emergency communications, and alarm signals and systems are used according to port emergency procedures and regulatory requirements                                                                     |
| <b>4 Report safety incidents and emergencies</b> | 4.1 | Safety incidents or emergencies that occur during mooring or unmooring operations are correctly and accurately recorded according to regulations and company procedures                                 |
|                                                  | 4.2 | Required reports on safety incidents or emergencies that occur during mooring or unmooring operations are prepared and referred to designated personnel according to regulations and company 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.

Hazards include one or more of the following:

- crane movement
- faulty communications equipment
- inadequate lighting
- ship mooring lines and wires in poor condition
- wharf traffic

Personnel include one or more of the following:

- mooring:
  - launch and crew
  - mooring supervisor
  - wharf mooring personnel (bow) forward
  - wharf mooring personnel (stern) aft

Safety precautions include:

- pilot
- tug crew/s
- vessel crew
- checking:
  - own personal fitness and medical wellbeing
  - whereabouts of edge of wharf
  - whereabouts of other members of mooring/unmooring team
- confirming availability of a personal flotation device on arrival at mooring operation
- keeping work area hazard-free
- obtaining and using required personal protective equipment (such as safety footwear, safety helmet, suitable gloves where appropriate, safety vest and reflective clothing, personal life vest, safety glasses)
- removing rings from fingers to avoid them being caught on steel wire ropes
- wearing suitable clothing

Hazard minimisation procedures include:

- ensuring ropes and equipment have been tested and are in good condition
- placing warning signage in appropriate places

Mooring or unmooring operations include one or more of the following:

- testing equipment prior to operation
- landing a gangway
- preparing a berth
- receiving heaving line from:
  - a launch
  - a vessel
- returning heaving line to a vessel
- unmooring and letting go a vessel
- working:
  - by day or night
  - in normal and emergency situations
  - under any permissible conditions of weather
  - at various shore-side terminals and wharves

## Unit Mapping Information

This unit replaces and is equivalent to MARF1004A Follow work health and safety, and emergency procedures during shore-based mooring operations.

MARF1004A replaces and is equivalent to TDMMF6007A Follow OH&S and emergency procedures during shore-based mooring operations.

## Links

Companion Volume implementation guides are found in VETNet -

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