



Australian Government

MARF028 Follow procedures to minimise and fight fires on board a vessel

Release: 2

MARF028 Follow procedures to minimise and fight fires on board a vessel

Modification History

Release 2. This is the second release of this unit of competency in the MAR Maritime Training Package.

- Minor statement changes in unit Application
- Minor statement changes in Assessment Conditions.

Release 1. New unit of competency. Licensing/regulatory information has been incorporated in accordance with Regulatory requirements. Assessment Requirements have been strengthened in accordance with Regulatory requirements.

Application

This unit involves the skills and knowledge required to apply defined policies and procedures when carrying out fire minimisation procedures and fighting a fire on board a vessel.

This unit applies to people working in the maritime industry in a deck and or engine room capacity on vessels up to 100 meters and with propulsion power up to 3000 kW within the exclusive economic zone (EEZ).

They could be working independently or as part of a vessel crew.

Licensing/Regulatory Information

Legislative and regulatory requirements are applicable to this unit.

This unit is one of the requirements to obtain Australian Maritime Safety Authority (AMSA) certification as a General Purpose Hand NC, Coxswain Grade 2 NC, Coxswain Grade 1 NC, Marine Engine Driver Grade 3 NC, Master (Inland waters), Master up to 24 m NC, Marine Engine Driver Grade 2 NC, Mate up to 100 m NC, Master up to 45 m NC and Marine Engine Driver Grade 1 NC, as specified in Marine Order 505.

Seafarers seeking certification should check with AMSA.

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.

PERFORMANCE CRITERIA

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

1 Carry out fire minimisation procedures

- 1.1** Fire hazards and risks on board vessel are identified and reported to designated personnel according to workplace procedures
- 1.2** Workplace procedures and work instructions for controlling fire risks are followed
- 1.3** Firefighting equipment is regularly checked and appropriate action is taken to ensure it is operational
- 1.4** Participation in fire drills and musters is undertaken to ensure readiness for fire emergencies

2 Follow instructions during response to a fire emergency

- 2.1** Location and class of fire are identified and alarm is raised and or responded to according to workplace procedures
- 2.2** Appropriate personal protective equipment (PPE) requirements are made ready
- 2.3** Instructions to contain the spread of fire and smoke are acted upon
- 2.4** Fire is attacked using appropriate method, firefighting equipment and extinguishing media or agent according to instructions
- 2.5** Collaboration and communication is maintained with others to support the safety and efficiency of the firefighting operation

3 Support post-fire operations

- 3.1** Fire watch is carried out as instructed to prevent further outbreak
- 3.2** Equipment is restored to operational condition according to workplace instructions
- 3.3** Assistance is provided to preserve fire scene prior to

investigation, as required

3.4 Information relevant for fire incident debrief is provided

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.

Unit Mapping Information

This unit replaces and is equivalent to MARF002 Follow procedures to minimise and fight fires on board a vessel.

Links

Companion Volume Implementation Guides are found in VETNet -

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