



Australian Government

MARO007 Contribute to monitoring and controlling a safe engine watch

Release: 1

MARO007 Contribute to monitoring and controlling a safe engine watch

Modification History

Release 1. This is the first release of this unit of competency in the MAR Maritime Training Package.

Application

This unit involves the skills and knowledge required to contribute to a safe engine watch on a vessel while under the direction of the officer in charge of the engineering watch.

This unit applies to people working in the maritime industry in the capacity of:

- Able Seafarer - Engine or Integrated Rating who assists, under the direction of the officer in charge of the engineering watch, in performing engine watchkeeping duties
- Navigational Watch - Deck/Engine.

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 an Able Seafarer – Engine, Integrated Rating or Navigational Watch - Deck/Engine and to meet regulatory requirements this unit must be delivered consistent with Marine Orders and with the relevant sections of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).
- Those regulatory requirements include STCW International Maritime Organization (IMO) model course competencies and areas of knowledge, understanding and proficiency, together with the estimated total hours required for lectures and practical exercises. Teaching staff should note that timings are suggestions only and should be adapted to suit individual groups of trainees depending on their experience, ability, equipment and staff available for training.

Pre-requisite Unit

Not applicable.

Competency Field

O – Watchkeeping

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Follow instructions to monitor engine room machinery and equipment

1.1 Unsafe conditions and potential hazards are recognised, and risk is assessed and reported according to workplace procedures

1.2 Unsafe conditions and hazards are rectified according to workplace procedures

1.3 Effective communication is maintained with the officer in charge of the engineering watch about matters relevant to the safety and integrity of the vessel

1.4 Procedures for relief, maintenance and handover of a watch are followed

1.5 Emergency situations are promptly reported to the officer in charge of the engineering watch

1.6 Alarms are recognised and reported

2 Respond to potential emergency situations

2.1 Control measures to minimise a potential emergency are implemented

2.2 Containment procedures are applied as required

2.3 Appropriate safety procedures are followed, and personal protective equipment (PPE) is used according to workplace procedures

2.4 Emergency is eliminated where possible or actions are taken to control the emergency

2.5 Appropriate firefighting equipment is identified to carry out firefighting operations

2.6 Unsafe conditions and potential hazards are recognised, and risk is assessed and reported to the officer in charge of the engineering watch according to workplace procedures

2.7 Unsafe conditions and hazards are rectified according to workplace 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.

Unit Mapping Information

This unit replaces and is equivalent to MARO005 Contribute to monitoring and controlling a safe engine watch.

Links

Companion Volume implementation guide can be found in VetNet -

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