Australian Government

Assessment Requirements for MARF042 Operate emergency equipment and apply emergency procedures

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Modification History

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

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and work practices
- communicating clearly and concisely in an emergency or abnormal situation
- identifying, isolating and reporting faulty or non-operational emergency and distress alerting systems
- reading and following emergency procedures
- reading and interpreting basic instructions and standard operating procedures (SOPs) for emergency and distress alerting systems
- recognising routine problems that may occur when operating emergency and distress alerting systems
- selecting and using emergency and distress alerting systems, including:
  - internal public address (PA) system
  - pyrotechnic distress signals
  - satellite emergency position indicating radio beacons (EPIRBs), including float-free EPIRB
  - search and rescue transponders (SARTs)
  - ship's whistle.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- applicable sections of relevant maritime regulations dealing with emergency equipment and procedures
- duties and responsibilities of shipboard personnel during emergencies
- emergency duties and alarm signals commonly used on a vessel
- emergencies, including:
  - any situation leading to abandonment of a vessel
  - responding to distress alerts from other vessels

- escape routes from machinery spaces on a vessel
- functions and purpose of pyrotechnic distress signals, satellite EPIRBs and SARTs
- identification of pyrotechnic expiry dates
- International Convention for the Safety of Life at Sea (SOLAS) and related regulations
- procedures for:
  - activating maritime emergency alarms
  - emergency response onboard a vessel
  - testing EPIRBs and SARTs
- relevant WHS/OHS requirements and work practices
- systems defects and deficiencies, including:
  - EPIRB function test failure, improper housing and securing
  - out-of-date pyrotechnics distress signals
  - SART not operating
- techniques for avoiding false distress alerts and action to be taken in an accidental activation.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Practical assessment must occur in a workplace or realistic simulated workplace, under the normal range of workplace conditions.

Simulations and scenarios may be used where situations cannot be provided in the workplace or may occur only rarely, in particular for situations relating to emergency procedures and adverse weather conditions where assessment would be unsafe, impractical or may lead to environmental damage.

Resources for assessment must include access to:

- applicable documentation, such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- tools, equipment, machinery, materials and relevant personal protective equipment (PPE) currently used in industry.

Links

Companion Volume implementation guide can be found in VetNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2