Australian Government

Assessment Requirements for MARF007 Operate survival craft and other lifesaving appliances

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Modification History

Release 2. ISC upgrade. KE amended to include awareness of MLC and International code of signals included in KE.

Release 1. New unit of competency.

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:

- acting appropriately in the prevailing circumstances and conditions in response to abandon ship and survival situations according to accepted safety practices and standards
- communicating effectively with others as required when operating survival craft and ancillary survival equipment
- conducting inspections of other survival equipment at intervals determined by the safety management system
- conducting tests and pre-start checks of equipment at intervals determined by the safety management system
- giving correct commands for launching and boarding survival craft and clearing the ship
- interpreting and applying International Convention for the Safety of Life at Sea (SOLAS) practices and regulations
- launching and operating various types of survival craft
- organising abandon vessel drills
- reading and interpreting instructions relevant to the safe operation of lifesaving appliances on board a vessel
- recovering survival craft and rescue boats and resetting release devices
- rowing and steering a survival craft and rescue boat
- safely operating off-load and on-load release devices
- selecting and using appropriate lifesaving appliances and communications equipment
- using a compass
- using portable radio equipment, pyrotechnics and other signalling equipment
- using survival craft equipment including rigging devices to aid location.

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:

- construction and outfit of survival craft and rescue boats
- dangers associated with the use of on-load release devices

- emergency muster and abandon vessel signals
- International code of signals (ICS), purpose and meaning of signals
- International Maritime Organization (IMO) safety symbols
- International Safety Management (ISM) Code safety management system plans, procedures, checklists and instructions
- maintenance procedures for survival craft and rescue boats
- manoeuvring characteristics of survival craft and rescue boats
- Maritime Labour Convention (MLC) amendments 2014
- operation of survival craft and rescue boats, their launching appliances and arrangements and their equipment
- procedures and sequences for launching, carrying out pre-start engine checks and operating survival craft and rescue boats in a variety of sea and weather conditions
- procedures for correctly operating and using lifesaving appliances and personal safety equipment on vessels and survival craft
- relevant sections of applicable maritime regulations
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation
- SOLAS regulations
- symptoms of hypothermia, its prevention and treatment
- threats to survival on abandonment of a vessel and appropriate strategies for countering these threats
- typical manoeuvring and engine characteristics for survival craft
- ways of maximising detectability and location of survival craft using radio lifesaving appliances, pyrotechnic distress signals, satellite emergency position indicating radio beacons (EPIRBs), and search and rescue transponders (SARTs).

Assessment Conditions

Assessors must satisfy National Vocational Education and Training Regulator (NVR)/Australian Quality Training Framework (AQTF) assessor requirements.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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.

Resources for assessment must include access to:

- tools, equipment, machinery, materials and personal protective equipment currently used in industry
- applicable documentation such as legislation, regulations, codes of practice, workplace procedures and operational manuals
- range of relevant exercises, case studies and/or simulations.

Links

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