



Australian Government

MARA014 Contribute to basic operations of a ship subject to IGF Code

Release: 1

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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 safe operations of a ship subject to International Code of Safety for Ships Using Gases or Other Low-Flashpoint Fuels (IGF Code).

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

- Chief Mate
- Deck Officers
- Engineering Officers
- Engineers
- Masters
- Ratings.

Licensing/Regulatory Information

This unit is equivalent and delivers the objectives of the following STCW provisions:

- STCW Reg V/3 (4 and 5), Code Section A-V/3 (1), Table A-V/3-1.

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 Chief Mate, Deck Officers, Engineering Officers, Engineers, Masters and Ratings for basic operations on ships subject to IGF Code 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

A – Handling Cargo and Vessel Stability

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

- 1 Contribute to safe operation of ship**

- 2 Take precautions to prevent hazardous situation**

- 3 Apply work health and safety (WHS)/occupational health and safety (OHS) measures**

PERFORMANCE CRITERIA

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

- 1.1** Communication with personnel is clear, concise and accurate and information is understood and acted upon

- 1.2** Cargo operations are planned, risk is managed and work carried out in accordance with accepted principles and procedures to ensure safety of operations and avoid pollution of the marine environment

- 2.1** Hazards to ship and personnel are correctly identified using safety data sheets (SDS)/material safety data sheets (MSDS) and appropriate actions are taken in accordance with workplace procedures

- 2.2** Hazardous situations are identified and appropriate actions are taken in accordance with workplace procedures

- 3.1** Procedures designed to safeguard personnel and the ship are observed at all times

- 3.2** Appropriate safety procedures are followed and personal protective equipment (PPE) is used correctly

- 3.3** First aid requirements are identified and followed in

		accordance with SDS/MSDS, as required
4 Carry out firefighting operations	4.1	Emergency procedures are followed in the event of an emergency
	4.2	Mustering signals are identified correctly and actions are taken in accordance with workplace procedures
	4.3	PPE and devices are selected and are appropriate to firefighting operations
	4.4	Timing and sequence of individual actions are appropriate to the prevailing circumstances and conditions
	4.5	Fire is extinguished using appropriate procedures, techniques and firefighting agents
5 Respond to emergency	5.1	Type and urgency of emergency is identified correctly and in accordance with emergency procedures
	5.2	Actions taken are in accordance with emergency procedures and contingency plans
6 Take precautions to prevent environmental pollution	6.1	Procedures to prevent pollution are identified and observed at all times
	6.2	All required spillage, leakage and venting procedures are correctly implemented according to regulatory requirements and 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 is a new unit. No equivalent unit.

Links

Companion Volume implementation guide can be found in VetNet -

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