



Australian Government

MAR30313 Certificate III in Maritime Operations (Marine Engine Driver Steam)

Release 1

MAR30313 Certificate III in Maritime Operations (Marine Engine Driver Steam)

Modification History

Release 1	This is the first release of this qualification in the MAR13 Maritime Training Package.
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Description

This qualification is suitable for a Chief Engineer of a vessel that has steam as its main method of propulsion with propulsion power up to 750 kW within the exclusive economic zone (EEZ).

Pathways Information

Pathways into the qualification

MAR20213 Certificate II in Maritime Operations (Marine Engine Driver Grade 3)

Pathways from the qualification

MAR30213 Certificate III in Maritime Operations (Marine Engine Driver Grade 2)

Licensing/Regulatory Information

This qualification is currently cited as meeting some of the requirements for certification as a Marine Engine Driver (Steam) by the Australian Maritime Safety Authority (AMSA). Certification will require achievement of the MAR30313 Certificate III in Maritime Operations (Marine Engine Driver Steam) and other requirements; people seeking certification should check with AMSA.

Entry Requirements

There are no entry requirements for this qualification.

Employability Skills Summary

The following table contains a summary of the employability skills as identified by the maritime industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	Complete maintenance report according to workplace procedures Read and interpret system specifications Test means of communication between bridge and engine room
Teamwork	Discuss environmental issues and their relationship to work practices with colleagues and appropriate personnel Maintain collaboration and communication with others to support the safety and efficiency of the firefighting operation Recognise and carry out worker/employee responsibilities prescribed in WHS/OHS legislation
Problem-solving	Apply problem solving skills to investigate and identify causes of WHS/OHS incidents Recognise electrical system faults and where necessary, take steps to make them immediately safe Recognise problems and hazards during refuelling and fuel transfer operations, and take appropriate action
Initiative and enterprise	Implement contingency plans for emergencies Provide ideas to control the level of risk associated with work tasks Take appropriate action to prevent pollution of marine environment
Planning and organising	Plan and sequence tasks in conjunction with others involved in or affected by maintenance work Plan maintenance activities Plan timing and sequence of individual survival actions to be appropriate to prevailing circumstances and conditions of emergency, and minimise potential dangers and threats to other survivors
Self-management	Assist others to maximise their chances of survival Collect, manage and interpret information on use of lifesaving equipment Ration water and food

Learning	<p>Practise survival techniques</p> <p>Participate in abandon vessel drills</p> <p>Participate in training, musters and emergency drills</p>
Technology	<p>Make distress calls using radio equipment on distress call frequency, if time allows, to communicate the nature of the emergency</p> <p>Operate emergency position indicating radio beacon (EPIRB) to transmit distress signal</p> <p>Operate radio equipment</p>

Packaging Rules

Total number of units = 12 units

12 core units

Core units			
Field			
B	Equipment Checking and Maintenance	MARB3001A	Maintain firefighting appliances
		MARB3007A	Undertake basic maintenance of electrical systems
C	Equipment Operations	MARC3001A	Manage fuel systems
		MARC3002A	Operate and maintain a boiler
		MARC3003A	Operate and maintain a steam engine up to 750 kW and steam auxiliary equipment
		MARC3004A	Operate and maintain engines for auxiliary systems other than steam auxiliary systems
		MARC3007A	Operate electrical systems
F	Operational Quality and Safety	MARF1001A	Apply basic survival skills in the event of vessel abandonment
		MARF1002A	Follow procedures to minimise and fight fires on board a vessel
		MARF1005A	Meet work health and safety requirements
		MARF1006A	Survive at sea using survival craft

J	Environment	MARJ2001A	Follow environmental work practices
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Custom Content Section

Not applicable.