



Australian Government

MAR40513 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)

Release 2

MAR40513 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)

Modification History

Release 1. New qualification.

Release 2. Codes of imported units have been updated to include most current.

Qualification Description

This qualification is suitable for people who work in the maritime industry operating as Chief Engineer on vessels with propulsion power up to 1500 kW and Second Engineer on vessels with propulsion power up to 3000 kW in the exclusive economic zone (EEZ).

Licensing/Regulatory Information

This level of qualification is currently cited as meeting some of the requirements for certification as a Marine Engine Driver Grade 1 Near Coastal as defined by the National Standard for Commercial Vessels (NSCV) Part D.

Certification will require achievement of the MAR40513 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal), qualifying sea service and completed Australian Maritime Safety Authority (AMSA) approved task book or qualifying sea service or qualifying sea service and a workshop skill equivalent qualification, AMSA final assessment and an AMSA approved first aid certificate; people seeking certification should check with AMSA.

Entry Requirements

Not applicable.

Packaging Rules

Total number of units = 27 units

27 core units

BSBWOR203	Work effectively with others
MARA004	Manage vessel stability
MARB007	Undertake basic maintenance of electrical systems
MARB008	Carry out basic welding, brazing, cutting and machining operations on a coastal vessel
MARB009	Manage refuelling
MARB011	Undertake maintenance of 240 to 440 voltage alternating current electrical systems
MARB012	Undertake maintenance of machinery, machinery systems and structural components
MARC001	Complete engine room tasks
MARC002	Maintain hull out of water
MARC003	Operate and maintain extra low and low voltage electrical systems and equipment
MARC004	Operate deck machinery
MARC007	Operate marine internal combustion engines, and propulsion and auxiliary systems
MARC008	Manage fuel systems
MARC009	Operate and monitor marine internal combustion engines, propulsion plant and auxiliary systems
MARC010	Operate electrical systems
MARC013	Operate auxiliary machinery systems up to 1500 kW
MARC015	Operate marine internal combustion engines and associated systems up to 1500 kW
MARC016	Operate propulsion transmission systems up to 1500 kW
MARC017	Operate 240 to 440 voltage alternating current electrical systems

MARF001	Apply basic survival skills in the event of vessel abandonment
MARF002	Follow procedures to minimise and fight fires on board a vessel
MARF004	Meet work health and safety requirements
MARF005	Survive at sea using survival craft
MARG003	Manage an engine room and small engineering team
MARJ001	Follow environmental work practices
MARJ002	Monitor environmental management on a vessel
MARL001	Carry out engineering calculations

Qualification Mapping Information

This qualification is equivalent to MAR40213 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1).

Links

MAR Maritime Training Package Companion Volume Implementation Guide at: -
<http://tlisc.org.au/training-packages/maritime-training/>