



Australian Government

**MAR40220 Certificate IV in Maritime
Operations (Marine Engine Driver Grade 1
Near Coastal)**

Release 1

MAR40220 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal)

Modification History

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

Qualification Description

This qualification is suitable for people working 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 MAR40220 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

There are no entry requirements for this qualification.

Packaging Rules

Total number of units = 29 units

29 core units

Core units

HLTAID011	Provide first aid
BSBTWK201	Work effectively with others
MARA024	Manage vessel stability

MARB032	Undertake basic maintenance of electrical systems
MARB034	Carry out basic welding, brazing, cutting and machining operations on a coastal vessel
MARB041	Manage refuelling
MARB047	Undertake maintenance of 240 to 440 voltage alternating current electrical systems
MARB048	Undertake maintenance of machinery, machinery systems and structural components
MARC033	Complete engine room tasks
MARC034	Maintain hull out of water
MARC035	Operate and maintain extra low and low voltage electrical systems and equipment
MARC036	Operate deck machinery
MARC039	Operate marine internal combustion engines, and propulsion and auxiliary systems
MARC040	Manage fuel systems
MARC041	Operate and monitor marine internal combustion engines, propulsion plant and auxiliary systems
MARC042	Operate electrical systems
MARC049	Operate 240 to 440 voltage alternating current electrical systems
MARC050	Operate auxiliary machinery systems up to 1500 kW
MARC053	Operate marine internal combustion engines and associated systems up to 1500 kW
MARC054	Operate propulsion transmission systems up to 1500 kW
MARF027	Apply basic survival skills in the event of vessel abandonment
MARF028	Follow procedures to minimise and fight fires on board a vessel
MARF029	Meet work health and safety requirements
MARF030	Survive at sea using survival craft
MARG009	Manage an engine room and small engineering team in emergencies

MARJ006	Follow environmental work practices
MARJ007	Monitor environmental management on a vessel
MARL046	Carry out engineering calculations
RIIWHS202E	Enter and work in a confined space

Qualification Mapping Information

This qualification replaces and is equivalent to MAR40518 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1 Near Coastal).

Links

Companion Volume implementation guide can be found in VetNet -

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