



**Australian Government**

**MAR40518 Certificate IV in Maritime  
Operations (Marine Engine Driver Grade 1  
Near Coastal)**

**Release 1**

## **MAR40518 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
MARB032	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
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
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
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
MARG003	Manage an engine room and small engineering team
MARJ006	Follow environmental work practices
MARJ007	Monitor environmental management on a vessel
MARL001	Carry out engineering calculations

## Qualification Mapping Information

This qualification is equivalent to MAR40513 Certificate IV in Maritime Operations (Marine Engine Driver Grade 1).

## Links

Companion Volume implementation guides are found in VETNet -

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