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**