



Australian Government

**MAR20421 Certificate II in Maritime
Operations (Marine Engine Driver Grade 3
Near Coastal)**

Release 1

MAR20421 Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)

Modification History

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

Qualification Description

This qualification applies to people working in the maritime industry seeking an Australian Maritime Safety Authority (AMSA) certificate of competency in the capacity of:

- chief engineer on vessels with an inboard engine with propulsion power <500 kW within the exclusive economic zone (EEZ) or
- second engineer on vessels with an inboard engine with propulsion power <750 kW within the EEZ or
- chief or second engineer on vessels with an outboard engine with unlimited propulsion power within the EEZ or
- assistant under direct supervision of a chief engineer or
- worker in the engine room of vessels <80 m long with propulsion power <3000 kW.

Licensing/Regulatory Information

This qualification is required to obtain an AMSA certificate of competency as a Marine Engine Driver Grade 3 NC as defined in the National Standard for Commercial Vessels (NSCV) Part D.

AMSA certification will require:

- achieving MAR20421 Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal)
 - sea service consisting of:
 - 20 days qualifying sea service and a completed AMSA approved task book
- or
- 60 days qualifying sea service
 - meeting the medical and eyesight requirements specified in the NSCV Part D and
 - assessment by an AMSA approved assessor using the AMSA mandated practical assessment (AMPA).

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

Total number of units = 13 units

13 core units

Core units

BSBTWK20 Work effectively with others

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HLTAID011 Provide First Aid

MARB028 Service marine internal combustion engines and propulsion and auxiliary systems

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

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

MARJ006 Follow environmental work practices

Qualification Mapping Information

This qualification supersedes and is equivalent to MAR20418 Certificate II in Maritime Operations (Marine Engine Driver Grade 3 Near Coastal).

Links

Companion Volume Implementation Guides are found in VETNet -

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