



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

National ID: MAR40220 | State ID:BFV6

Marine Engine Driver (Motor) Grade 1 Certification

This qualification is aligned to the educational requirement for Certification as Marine Engine Driver (Motor) Grade 1 as described in Part D of the National Standards for Commercial Vessels (NSCV). The Marine Engine Driver (Motor) Grade 1 Certificate of Competency (CoC) is issued by the appropriate maritime regulatory authority in each state and territory.

A Marine Engine Driver (Motor) Grade 1 Certificate allows a holder to take charge of the machinery on vessels less than:

- 525kw (35QN) propulsion power engaged in operations in any area; or 750kw (50QN) propulsion power engaged in operations up to Australian Coastal - Middle Water Limits (600nm), or
- 1500kw propulsion power engaged in operations up to Inshore limits (15nm).

This certificate also allows the holder to be second-in-charge of machinery on vessels less than:

- 525kw (35QN) propulsion power engaged in Australian Coastal - Middle Water Limits (600nm)
- 750kw (50QN) propulsion power engaged in operations up to Australian Coastal - Middle Water Limits (600nm)
- 1500kw propulsion power engaged in operations up to Offshore Limits (600nm); or
- 1500kw propulsion power

Evidence of sea time/service on board a vessel will be required to obtain a Marine Engine Driver (Motor) Grade 1 Certificate of Competency from AMSA. For information on all CoC requirements, please see: <http://nationalsystem.amsa.gov.au/factsheets.php>

Gain these skills

- undertake basic maintenance of electrical systems
- manage refuelling
- undertake maintenance of 240 to 440 voltage alternating current electrical systems
- undertake maintenance of machinery, machinery systems and structural components
- complete engine room tasks
- maintain hull out of water
- operate and maintain extra low and low voltage electrical systems and equipment



- operate marine internal combustion engines, and propulsion and auxiliary systems
- operate and monitor marine internal combustion engines, propulsion plant and auxiliary systems
- operate 240 to 440 voltage alternating current electrical systems
- apply basic survival skills in the event of vessel abandonment

Your qualification prepares you for roles such as:

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- 525kw (35QN) propulsion power engaged in operations in any area; or 750kw (50QN) propulsion power engaged in operations up to Australian Coastal - Middle Water Limits (600nm), or
- 1500kw propulsion power engaged in operations up to Inshore limits (15nm).

Further Study Option(s)

Diploma of Marine Engineering (Engineer Class 3 Near Coastal)

Diploma of Marine Engineering (Engineer Watchkeeper Specialist)

Advanced Diploma of Marine Engineering (Class 1) (Engineer Class 1 (Motor))

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Course Overview



Location	Duration	Competitive	Selection criteria
Fremantle	One semester	No	No selection criteria