

Coxswain Engineering (Diesel)

Who is the course for?

This course is for people who hold a *Coxswain Grade 2(NC) CoC* and wish to operate a 100kW up to 500kW inboard propulsion commercial vessel up to 12 metres in length within inshore waters.

People who complete this course will meet *AMSA's* training requirements for a *Coxswain Grade 2(NC) 500kW inboard propulsion power CoC*. The course is also a requirement for people who are working towards a *Coxswain Grade 1(NC) CoC*.

Course requirements

This course is designed for participants with considerable experience in operating small vessels and who hold a *Coxswain Grade 2(NC) CoC*.

How will I be trained and assessed?

SMT provides all the training and assessment and activities will include:

- written assessments* of underpinning knowledge
- engineering practical assessment on board a vessel
- demonstrations of practical skills and knowledge in simulated workplace activities

What will I learn?

The course covers topics including:

- routine checks and operation of propulsion machinery, ancillary equipment and other mechanical equipment in small vessels;
- general responses to mechanical emergencies and malfunctions;
- water-cooling and bilge-pumping arrangements;
- use and care of low-voltage electrical systems;
- precautions when charging batteries;
- fire prevention and actions on a small vessel; refuelling precautions; auxiliary systems

How long is the course?

This is a 3 day course (9am – 5pm), which is completed in the classroom and includes a boating practical session. All of the equipment, training and assessment materials that participants need will be provided by *SMT*. Participants must bring their own writing materials, own work-style clothing and enclosed footwear appropriate to the forecast weather conditions.

What sort of credential(s) do I get if I successfully complete the course?

Participants who successfully complete all of the written, verbal and practical assessments will receive a nationally-recognised Statement of Attainment for the following units:

- MARB027 Perform basic servicing and maintenance of main propulsion unit and auxiliary systems
- MARC038 Operate main propulsion unit and auxiliary systems

AMSA Mandated Practical Assessment (AMPA) and Interim Certificate of Competency (ICoC)

As part of its assessment process, SMT will complete an AMPA on each participant for the units completed as part of the course. Completed AMPA's are a requirement of AMSA and are submitted to AMSA with your completed AMSA application paperwork.

AMSA paperwork and evidence is required to be completed by the participant and submitted to SMT a minimum of 1 week prior to the commencement of the course.

The AMSA paperwork required will depend on if you are completing an application for a Coxswain Grade 1 NC, Coxswain Grade 2 NC or just an endorsement.

SMT can issue an Interim Certificate of Competency (ICoC) to participants who have successfully completed the courses for a Coxswain Grade 1 or 2 NC, have been issued with the qualification, have met all of the evidence and sea time requirements of AMSA and have all fees paid.

An ICoC is not issued for Engineering Endorsement applications.

For eligible Tasmanian residents, this training is subsidised by the Department of State Growth, Tasmania.