



Marine Order 72 – Certificate of Competency Electro-Technical Officer

The following provides a summary of the requirements for an **Electro-technical Officer CoC**. This certificate is issued under Marine Order 70 (Seafarer certification) 2014 and Marine Order 72 (Engineer officers) 2014, made under the *Navigation Act 2012*.

What will I be able to do with this certificate? You will be able to perform the duties of:

- ✓ **Electro-technical Officer** on ships powered by main propulsion machinery of any propulsion power in any operating area

How do I get this certificate?

To obtain an **Electro-technical Officer CoC** there are the following options:

OPTION 1 – for those that were serving as electricians performing Electro-technical Officer (ETO) duties prior to 1 April 2014, and:

- Have completed at least 12 months documented qualifying sea service (QSS) as an electrician performing electro-technical officer duties on ships with total installed electrical generation capacity of at least 750 kW.
- Hold an Australian electrical trade certificate or equivalent.
- Complete the following approved STCW short courses:
 - Basic Safety Training course.
 - Security Awareness Training.
 - Advanced Fire Fighting.
 - Medical First Aid.
 - Oil and chemical tanker familiarisation (as per STCW Reg V/1-1 (1 & 2), Section A-V/1-1, para 1).
 - Liquefied gas tanker familiarisation (as per STCW Reg V/1-2 (1 & 2), Section A-V/1-2, para 1).
 - Operate and maintain power systems in excess of 1,000 volts (as per STCW Code A-III/6).
- Hold the following valid certificates:
 - Certificate in Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats,
 - AMSA Certificate of Medical Fitness.

For purpose of issuing an ETO CoC, AMSA will accept an overseas electrical trade as an Australian electrical trade if the holder of the overseas electrical trade successfully completes a skill assessment through Optional Skills Assessment Service (OSAS) to gain an occupational licence for:

- Electrician (General) or
- Electrician (Special Class).

Successful applicants will be issued with an Offshore Technical Skills Record (OTSR). The OTSR is sufficient evidence to apply for a provisional electrical licence with Australian state and territory licensing authorities.

Details of OSAS can be found via the link on the Trades Recognition Australia (TRA) website:
www.tradesrecognitionaustralia.gov.au/Programs/OSAS/Pages/default.aspx TRA has approved a number of RTOs to conduct skills assessment services in a range of occupations and locations around the world.

OPTION 2 – for those entering the industry from 1 April 2014, and:

- Have completed at least 6 months sea service on ships with total installed electrical generation capacity of at least 750 kW as part of an approved training program.
- Hold an Australian electrical trade certificate or equivalent or **Engineer Watchkeeper CoC**.
- Have completed an AMSA approved course of study that includes a program of workshop skills training from an AMSA approved registered training organisation for an **Electro-technical Officer**.

Note: The approved registered training organisations offer a process through which recognition of prior learning (RPL) is offered to applicants holding an electrical trade certificate or equivalent.

- Complete the following approved STCW short courses:
 - Basic Safety Training course.
 - Security Awareness Training.
 - Advanced Fire Fighting.
 - Medical First Aid.

- Oil and chemical tanker familiarisation (as per STCW Reg V/1-1 (1 & 2), Section A-V/1-1, para 1).
- Liquefied gas tanker familiarisation (as per STCW Reg V/1-2 (1 & 2), Section A-V/1-2, para 1).
- Completed the approved Training Record Book.
- Hold the following valid certificates:
 - Certificate in Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats.
 - AMSA Certificate of Medical Fitness.
- Pass an AMSA oral examination.

How do I keep this certificate?

To revalidate your certificate you must:

- Hold a valid:
 - AMSA Certificate of Medical Fitness; and
- Have QSS performing functions appropriate to the certificate you hold, for a period of at least:
 - 12 months QSS in total during the preceding 5 years before application; or
 - 3 months QSS in total during the preceding 6 months prior to revalidating; or
 - Have completed an approved revalidation course appropriate for your certificate within 5 years before applying to revalidate; or
 - Have completed an oral exam and approved short courses that AMSA considers equivalent; or
 - Have performed duties and functions and approved courses that AMSA considers equivalent.

On completion of the QSS, you should:

- Obtain a letter(s) from your employer(s) confirming QSS and stating that you have actively participated in the mandatory abandon ship and fire drills required by SOLAS as well as scheduled drills required by the on board Safety Management System (see sample template letter). A copy of the letter should be submitted with the application (you should keep the original); and
- Complete continued competence refresher training for the STCW short courses in Advanced Fire Fighting and Survival Craft and Rescue Boats other than Rescue Boats in the previous 5 years (refer to MO 72 Schedule 4).

If you **DO NOT HAVE** at least the specified QSS mentioned above, you will be required to complete the Advanced Fire Fighting and Fire Prevention course (STCW Reg VI/3) and Proficiency in survival craft and rescue boats other than fast rescue boats course (STCW Reg VI/2) in full and one of the revalidation options c, d or e shown.

Please note: There are three types of continued competence courses. Please ensure you complete the continued competence (Deck/Engineer officers and Chief integrated ratings).

How to Apply for CoC Initial Issue/Revalidation (select as required)

Lodge an application at Australia Post:

- Complete a CoC application form 419 online or download a pdf version and then complete it.
- Complete all sections of the form.
- Download a pdf version of the form to generate your barcode.
- Print the form.
- Attach copies of all required documents.
- Sign the declaration.
- Submit your application and pay a fee at an AMSA-contracted Australia Post outlet.
- Provide proof of identity when you lodge your application.

AMSA may request reasonable evidence to confirm or verify any of the information provided as part of the application.

Please note:

- All certificates and training must comply with STCW;
- All training courses and training programs must be approved by AMSA; and
- All sea service must be documented QSS.

Progress of application

If you submit an incomplete application, AMSA will contact you for further information. If you fail to provide the requested information within 60 days, AMSA will consider and decide your application on the information available. This may result in AMSA deciding to cancel the application.

More Information

Seafarer Certification Guidance containing additional information on CoC, sea service requirements and task books, can be obtained from the AMSA website at www.amsa.gov.au.

Note: If there is an inconsistency between this document and previously issued documents about the subject matter, this document supersedes information found in previous documents dealing with these matters.

Previous documents found to be in conflict with this document (or parts thereof) will be updated or withdrawn at the earliest opportunity.