



Fact Sheet **ENGINEER** **STCW 47**

Electro-technical Officer

The following provides a summary of the requirements for an **Electro-technical Officer Certificate of Competency**. This certificate is issued under Marine Order 70 (Seafarer certification) 2014 and Marine Order 72 (Engineer officers) 2014, made under the *Navigation Act 2012*, which replaces Marine Order 3 (Seagoing qualifications) 2004.

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 Certificate of Competency** there are two options available:

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

- Have completed at least 12 months documented sea service as an electrician performing electro-technical officer duties on ships with total installed electrical generation capacity of at least 750 kW:
- Hold an electrical trade certificate or equivalent:
- Complete the following approved STCW short courses:
 - Basic Safety Training course, which includes Security Awareness Training,
 - Advanced Fire Fighting,
 - Medical First Aid.
- Hold the following valid certificates:
 - Certificate in Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats,
 - AMSA Certificate of Medical Fitness.

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

- 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:
- Have completed an AMSA approved course of study that includes a program of workshop skills training from an AMSA approved seafarer training organisation for an **Electro-technical Officer**

(Note: The approved seafarer training organisations offer a process through which recognised prior learning (RPL) of applicants holding an electrical trade certificate or equivalent may wish to consider).

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

- Have completed **one** of the following:
 - at least 12 months sea service in the 5 years before applying to revalidate, or
 - at least 3 months in the 6 months before applying to revalidate, or
 - a revalidation course appropriate for **Electro-technical Officer** within 12 months before applying to revalidate, or
 - an oral exam and approved short courses appropriate for **Electro-technical Officer** within 12 months before applying to revalidate, or
 - performed duties and functions and approved courses that AMSA considers equivalent.
- Demonstrate continued competence by completing the following courses:
 - Survival Craft and Rescue Boats other than Fast Rescue Boats,
 - Advanced Fire Fighting, and
 - Security Awareness (please note, this training needs only be completed once in a seafarers career and does not need to be repeated).

Where can I go from here?

With an approved program of study you could gain a:

- Engineer Watchkeeper Certificate of Competency.

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 in an approved training record book, and verified by Engineer Officer/s holding a certificate of competency issued in accordance with STCW Reg III/1, III/2 or III/6.**

For contact details of AMSA approved seafarer training organisations please visit the AMSA website - www.amsa.gov.au/forms-and-publications/fact-sheets/amsa1590.pdf