



Fact Sheet **ENGINEER** **STCW 45**

Engineer Class 2

The following provides a summary of the requirements for an **Engineer Class 2 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:

- **First Engineer Officer** (STCW Second Engineer) or **Engineer Watchkeeper** on ships of any propulsion power in any operating area,
- **Chief Engineer duties on ships <3000kW** in any operating area.

How do I get this certificate?

To obtain an **Engineer Class 2 Certificate of Competency** you will need to:

- ✓ Hold or have held:
 - An **Engineer Watchkeeper Certificate of Competency**, or
 - An **Engineer Class 3 NC**, or
 - A State unrestricted **Engineer Class 3 Certificate of Competency** if issued before 1 July 2013, or
 - A STCW Reg III/1 certificate AMSA considers equivalent to the above.

Have completed one of the following options:

OPTION 1: you will need to:

- ✓ Have completed at least 12 months sea service on ships ≥ 750 kW propulsion power, while holding an Engineer Watchkeeper Certificate of Competency (or its equivalent), of which 9 months was on ships using propulsion of the kind to which the certificate relates.

OPTION 2: you will need to:

- ✓ Have completed at least 24 months sea service on ships ≥ 750 kW propulsion power, while holding an **Engineer Class 3 NC** or State unrestricted **Engineer Class 3 Certificate of Competency**, of which 9 months was on ships using propulsion of the kind to which the certificate relates.

For both options you will need to:

- ✓ Complete an AMSA approved course of study from an AMSA approved seafarer training organisation for an **Engineer Class 2 Certificate of Competency**, which for Option 2, must include evidence of satisfactorily completing an approved Engineer Watchkeeper course (STCW Code Section A-III/1).
- ✓ Complete the following approved STCW short courses:
 - Basic Safety Training (Option 2 ONLY),
 - Security Awareness Training,
 - Advanced Fire Fighting, and
 - 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.
- ✓ Pass an AMSA oral examination.

How do I keep this certificate?

To revalidate your certificate you must:

- ✓ Hold a valid Certificate of Medical Fitness; and
- ✓ Have completed the course – Security Awareness Training (please note, this training needs only be completed once in a seafarers career and does not need to be repeated); and
- ✓ Have seagoing service performing functions appropriate to the certificate you hold, for a period of at least:
 - a. 12 months in total during the preceding 5 years before application; or
 - b. 3 months in total during the preceding 6 months prior to revalidating.or
 - c. Have completed an approved revalidation course appropriate for your certificate within 12 months before applying to revalidate; or
 - d. Have completed an oral exam and approved short courses that AMSA considers equivalent; or
 - e. Have performed duties and functions and approved courses that AMSA considers equivalent.

On completion of the seagoing service, you should:

- obtain a letter(s) from your employer(s) confirming sea service 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). The original of the letter should be submitted with the application. You should keep a Certified true copy; and
- complete continued competence refresher training for the STCW short courses in Advanced Fire Fighting and Survival Craft and Rescue Boats other than Fast Rescue Boats in the previous 5 years (refer to MO 72 Schedule 4).

If you DO NOT HAVE at least the specified seagoing service mentioned above, you will be required to complete the Full STCW short courses in Advanced Fire Fighting and Survival Craft and Rescue Boats other than Fast Rescue Boats and one of the revalidation options c, d or e shown above within 5 years, before applying to revalidate.

Note: All continued competence refresher courses are valid for up to 5 years and may only be used once for revalidation purposes.

Where can I go from here?

With additional sea service and completion of an approved program of study you could gain a:

- Certificate of Competency Engineer Class 1, or
- Certificate of Competency Electro-Technical Officer.

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 qualifying sea service.**

For contact details of AMSA approved seafarer training organisations please see [Fact Sheet STCW 27 - Training – Approved Courses](#)