

powered by main propulsion machinery of 750 kW/1,000 HP propulsion power or more. This period may be reduced to not less than 24 months if the applicant has served for not less than 12 months as second engineer officer on ships powered by propulsion machinery of 3,000 kW/4,000 HP or more;

(2) Provide evidence of meeting the standard of competence specified in Section A-III/2 of the STCW Code (incorporated by reference, see §11.102 of this part); and

(3) Provide evidence of having satisfactorily completed approved training in the following areas:

(i) Engine room resource management (ERM) if not completed at the operational level.

(ii) Leadership and managerial skills.

(iii) Management of electrical and electronic control equipment.

(b) For a renewal of an STCW endorsement as chief engineer officer on vessels powered by main propulsion

machinery of 3,000 kW/4,000 HP propulsion power or more to be valid on or after January 1, 2017, each candidate must provide evidence of successful completion of approved training in the following:

(1) ERM if not completed at the operational level.

(2) Leadership and managerial skills.

(3) Management of electrical and electronic control equipment.

(c) The Coast Guard may exempt an applicant from meeting any individual knowledge, understanding, and proficiency required in Section A-III/2 of the STCW Code. These exemptions must be approved by the Coast Guard based upon vessel type. Under these circumstances, the credential may include a corresponding limitation.

(d) Seafarers with one of the following national officer endorsements are eligible to apply for this endorsement upon completion of the requirements in the following table:

TABLE 1 TO § 11.325(d)—STCW ENDORSEMENT AS CHIEF ENGINEER OFFICER ON VESSELS POWERED BY MAIN PROPULSION MACHINERY OF 3,000kW/4,000HP PROPULSION POWER OR MORE

| Entry path from national endorsements | Sea service ¹ | Competence—STCW Table A-III/2 ² | Training required by this section ³ |
|---|--|--|--|
| Chief engineer | None | Yes | Yes. |
| Chief engineer (limited) | 12 months | Yes | Yes. |
| Chief engineer (MODU) | 12 months/24 months ⁴ | Yes | Yes. |
| Chief engineer (OSV) | None | Yes | Yes. |
| Designated duty engineer, any horsepower ⁵ | 24 months as DDE | Yes | Yes. |

¹ This column provides the minimum additional service required of the seafarer in order to meet the requirements of this section.

² Complete any items in paragraph (a)(2) of this section not previously satisfied.

³ Complete any items in paragraph (a)(3) of this section not previously satisfied.

⁴ Depending on the type of sea service used to obtain chief engineer (MODU) (refer to § 11.542 of this part)

⁵ STCW certificate should be limited to vessels less than 500 GRT.

§ 11.327 Requirements to qualify for an STCW endorsement as second engineer officer on vessels powered by main propulsion machinery of 3,000kW/4,000 HP propulsion power or more (management level).

(a) To qualify for an STCW endorsement as second engineer officer, an applicant must—

(1) Provide evidence of not less than 12 months of service as OICEW on vessels powered by main propulsion machinery of 750kW/1,000 HP or more; or 12 months of sea service as a chief engineer on vessels powered by propulsion machinery of vessels between 750kW/1,000 HP and 3,000 kW/4,000 HP;

(2) Provide evidence of meeting the standard of competence specified in Section A-III/2 of the STCW Code (incorporated by reference, see §11.102 of this part); and

(3) Provide evidence of having satisfactorily completed approved training in the following areas:

(i) Engine room resource management (ERM) if not completed at the operational level.

(ii) Leadership and managerial skills.

(iii) Management of electrical and electronic control equipment.

(b) For a renewal of an STCW endorsement as second engineer officer on vessels powered by main propulsion

machinery of 3,000 kW/4,000 HP propulsion power or more to be valid on or after January 1, 2017, each candidate must provide evidence of successful completion of approved training in the following:

- (1) ERM if not completed at the operational level.
- (2) Leadership and managerial skills.
- (3) Management of electrical and electronic control equipment.
- (c) The Coast Guard may exempt an applicant from meeting any individual

knowledge, understanding, and proficiency required in Section A–III/2 of the STCW Code. These exemptions must be approved by the Coast Guard based upon vessel type. Under these circumstances, the credential may include a corresponding limitation.

(d) Seafarers with one of the following national officer endorsements are eligible to apply for this endorsement upon completion of the requirements in the following table:

TABLE 1 TO § 11.327(d)—STCW ENDORSEMENT AS SECOND ENGINEER OFFICER ON VESSELS POWERED BY MAIN PROPULSION MACHINERY OF 3,000 kW/4,000 HP PROPULSION POWER OR MORE

| Entry path from national endorsements | Sea service ¹ | Competence— STCW Table A–III/ 2 ² | Training required by this section ³ |
|--|--------------------------|--|---|
| First assistant engineer | None | Yes | Yes. |
| Second assistant engineer | None | Yes | Yes. |
| Third assistant engineer | 12 months | Yes | Yes. |
| Assistant engineer (limited) | 12 months | Yes | Yes. |
| Chief engineer MODU | 12 months | Yes | Yes. |
| Chief engineer OSV | None | Yes | Yes. |
| Designated duty engineer, unlimited ⁴ | 12 months as DDE .. | Yes | Yes. |

¹ This column provides the minimum additional service required of the seafarer in order to meet the requirements of this section.
² Complete any items in paragraph (a)(2) of this section not previously satisfied.
³ Complete any items in paragraph (a)(3) of this section not previously satisfied.
⁴ STCW certificate should be limited to vessels less than 500 GRT.

§ 11.329 Requirements to qualify for an STCW endorsement as Officer in Charge of an Engineering Watch (OICEW) in a manned engine room or designated duty engineer in a periodically unmanned engine room on vessels powered by main propulsion machinery of 750 kW/1,000 HP propulsion power or more (operational level).

- (a) To qualify for an STCW endorsement as OICEW, an applicant must—
 - (1) Provide evidence of seagoing service as follows:
 - (i) Thirty-six months of seagoing service in the engine department; or
 - (ii) Successful completion of an approved training program, which includes a combination of workshop skill training and seagoing service of not less than 12 months, and that meets the requirements of Section A–III/1 of the STCW Code (incorporated by reference, see § 11.102 of this part);
 - (2) Provide evidence of having performed during the required seagoing service, engine room watchkeeping duties, under the supervision of an officer holding the STCW endorsement as

- chief engineer officer or as a qualified engineer officer, for a period of not less than 6 months;
- (3) Provide evidence of meeting the standard of competence specified in Section A–III/1 of the STCW Code; and
- (4) Provide evidence of having satisfactorily completed approved training in the following subject areas:
 - (i) Medical first-aid provider.
 - (ii) Basic and advanced firefighting in accordance with § 11.303 of this subpart.
 - (iii) Proficiency in survival craft and rescue boats other than fast rescue boats.
 - (iv) Engine room resource management (ERM).
 - (v) Engineering terminology and shipboard operations.
 - (vi) Auxiliary machinery.
 - (vii) Gas turbine plants, as applicable.
 - (viii) Steam plants, as applicable.
 - (ix) Motor plants, as applicable.
 - (x) Electrical machinery and basic electronics.
 - (xi) Control systems.