

§ 10.510 Service requirements for chief engineer of steam and/or motor vessels.

The minimum service required to qualify an applicant for license as chief engineer of steam and/or motor vessels is:

- (a) One year of service as first assistant engineer; or,
- (b) One year of service while holding a license as first assistant engineer. A minimum of six months of this service must have been as first assistant engineer. Service as an assistant engineer is accepted on a two-for-one basis to a maximum of six months (12 months of service as a second or third assistant engineer equals six months of creditable service).

§ 10.512 Service requirements for first assistant engineer of steam and/or motor vessels.

The minimum service required to qualify an applicant for license as first assistant engineer of steam and/or motor vessels is one year of service as an assistant engineer, while holding a license as second assistant engineer.

§ 10.514 Service requirements for second assistant engineer of steam and/or motor vessels.

The minimum service required to qualify an applicant for license as second assistant engineer of steam and/or motor vessels is:

- (a) One year of service as an assistant engineer, while holding a license as third assistant engineer; or,
- (b) One year of service while holding a license as third assistant engineer which includes:
 - (1) A minimum of six months of service as third assistant engineer; and,
 - (2) Additional service as a qualified member of the engine department, calculated on a two-for-one basis; or,
 - (c) One year of service as chief engineer (limited-oceans) of steam or motor vessels, and completing the appropriate examination described in subpart I of this part.

§ 10.516 Service requirements for third assistant engineer of steam and/or motor vessels.

- (a) The minimum service required to qualify an applicant for license as third

assistant engineer of steam and/or motor vessels is:

- (1) Three years of service in the engineroom of vessels, two years of which must have been as a qualified member of the engine department;
- (2) Three years of service as an apprentice to the machinist trade engaged in the construction or repair of marine, locomotive, or stationary engines, together with one year service in the engineroom as oiler, watertender, or junior engineer;
- (3) Graduation from:
 - (i) The U.S. Merchant Marine Academy (engineering curriculum);
 - (ii) The U.S. Coast Guard Academy and completion of an on-board engineer officer qualification program required by the service;
 - (iii) The U.S. Naval Academy and completion of an on-board engineer officer qualification program required by the service;
 - (iv) The engineering class of a Maritime Academy approved by and conducted under the rules prescribed by the Maritime Administrator and listed in part 310 of this title;
- (4) Graduation from the marine engineering course of a school of technology accredited by the Accreditation Board for Engineering and Technology, together with three months of service in the engine department of steam or motor vessels;
- (5) Graduation from the mechanical or electrical engineering course of a school of technology accredited by the Accreditation Board for Engineering and Technology, together with six months of service in the engine department of steam or motor vessels;
- (6) Satisfactory completion of a three-year apprentice engineers training program approved by the Commanding Officer, National Maritime Center; or,
- (7) One year of service as chief engineer (limited-near coastal) of steam or motor vessels and completing the appropriate examination described in subpart I of this part.
 - (b) Experience gained in the deck department on vessels of 100 gross tons or over can be credited for up to three

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months of the service requirements under paragraph (a)(1) of this section.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987 and CGD 81-059, 54 FR 132, Jan. 4, 1989, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; USCG-1998-4442, 63 FR 52189, Sept. 30, 1998]

§ 10.518 Service requirements for chief engineer (limited-oceans) of steam and/or motor vessels.

The minimum service required to qualify an applicant for license as chief engineer (limited-oceans) of steam and/or motor vessels is five years total service in the engineroom of vessels. Two years of this service must have been as a licensed engineer. Thirty months of the service must have been as a qualified member of the engine department or equivalent supervisory position.

§ 10.520 Service requirements for chief engineer (limited-near coastal) of steam and/or motor vessels.

The minimum service required to qualify an applicant for license as chief engineer (limited-near coastal) of steam and/or motor vessels is four years total service in the engineroom of vessels. One year of this service must have been as a licensed engineer. Two years of the service must have been as a qualified member of the engine department or equivalent supervisory position.

§ 10.522 Service requirements for assistant engineer (limited-oceans) of steam and/or motor vessels.

The minimum service required to qualify an applicant for license as assistant engineer (limited-oceans) of steam and/or motor vessels is three years of service in the engineroom of vessels. Eighteen months of this service must have been as a qualified member of the engine department or equivalent supervisory position.

§ 10.524 Service requirements for designated duty engineer of steam and/or motor vessels.

(a) Designated duty engineer licenses are issued in three levels of horsepower limitations dependent upon the total service of the applicant and completion of appropriate examination. These licenses are limited to vessels of not

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more than 500 gross tons on certain waters as specified in § 10.501.

(b) The service requirements for licenses as designated duty engineer are:

(1) For designated duty engineer of steam and/or motor vessels of any horsepower, the applicant must have three years of service in the engineroom. Eighteen months of this service must have been as a qualified member of the engine department or equivalent supervisory position.

(2) For designated duty engineer of steam and/or motor vessels of not more than 4,000 horsepower, the applicant must have two years of service in the engineroom. One year of this service must have been as a qualified member of the engine department or equivalent supervisory position.

(3) For designated duty engineer of steam and/or motor vessels of not more than 1,000 horsepower, the applicant must have one year of service in the engineroom. Six months of this service must have been as a qualified member of the engine department or equivalent supervisory position.

§ 10.530 Licenses for engineers of uninspected fishing industry vessels.

(a) This section applies to licenses for chief and assistant engineers of all vessels, however propelled, navigating the high seas, which are documented to engage in the fishing industry, with the exception of:

- (1) Wooden ships of primitive build;
- (2) Unrigged vessels; and,
- (3) Vessels of less than 200 gross tons.

(b) Licenses as chief engineer and assistant engineer of uninspected fishing industry vessels are issued for ocean waters and with horsepower limitations in accordance with the provisions of § 10.503.

(c) For a license as chief engineer, the applicant must have served four years in the engineroom of vessels. One year of this service must have been as a licensed assistant engineer or equivalent supervisory position.

(d) For a license as assistant engineer, an applicant must have served three years in the engineroom of vessels.