

#### § 11.514

motor, and/or gas turbine-propelled vessels is—

(1) One year of service as an assistant engineer while holding a license or MMC with a second assistant engineer endorsement; or

(2) One year of service as a chief engineer (limited) and completing the appropriate examination described in subpart I of this part.

(b) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.327, 11.331, and 11.333 of this part.

#### § 11.514 Service requirements for national endorsement as second assistant engineer of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as second assistant engineer of steam, motor, and/or gas turbine-propelled vessels is—

(1) One year of service as an assistant engineer, while holding a license or MMC endorsement as third assistant engineer; or

(2) One year of service while holding a license or MMC endorsement as third assistant engineer, which includes—

(i) A minimum of 6 months of service as third assistant engineer; and

(ii) Additional service as a qualified member of the engine department, calculated on a two-for-one basis.

(b) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.327, 11.329, and 11.333 of this part.

#### § 11.516 Service requirements for national endorsement as third assistant engineer of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as third assistant engineer of steam, motor, and/or gas turbine-propelled vessels is—

(1) Three years of service in the engineroom of vessels, 2 years of which must have been as a qualified member of the engine department or equivalent position;

(2) Three years of service as an apprentice to the machinist trade engaged in the construction or repair of marine, locomotive, or stationary en-

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gines, together with 1 year of service in the engineroom as oiler, fireman/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 onboard engineer officer qualification program required by the service;

(iii) The U.S. Naval Academy and completion of an onboard engineer officer qualification program required by the service; or

(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 3 months of service in the engine department of steam, motor, or gas turbine-propelled vessels;

(5) Graduation from the mechanical or electrical engineering course of a school of technology accredited by the ABET, together with 6 months of service in the engine department of steam, motor, or gas turbine-propelled vessels;

(6) Satisfactory completion of a comprehensive apprentice engineers training program approved by the Coast Guard; or

(7) One year of service as assistant engineer (limited) of self-propelled vessels and completion of the appropriate examination described in subpart I of this part.

(b) Experience gained in the deck department on vessels of 100 GRT or more can be credited for up to 3 months of the service requirements under paragraph (a)(1) of this section.

(c) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.327, 11.329, and 11.333 of this part.

#### § 11.518 Service requirements for national endorsement as chief engineer (limited) of steam, motor, and/or gas turbine-propelled vessels.

(a) The minimum service required to qualify an applicant for endorsement as chief engineer (limited) of steam, motor, and/or gas turbine-propelled vessels is 5 years of total service in the

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engineroom of vessels. Two years of this service must have been as an engineer officer while holding an engineer officer endorsement. Thirty months of the service must have been as a qualified member of the engine department or equivalent position.

(b) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.325 and 11.331 of this part.

### **§ 11.522 Service requirements for national endorsement as assistant engineer (limited) of steam, motor, and/or gas turbine-propelled vessels.**

(a) The minimum service required to qualify an applicant for endorsement as assistant engineer (limited) of steam, motor, and/or gas turbine-propelled vessels is 3 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 position.

(b) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.327, 11.329, and 11.333 of this part.

### **§ 11.524 Service requirements for national endorsement as designated duty engineer (DDE) of steam, motor, and/or gas turbine-propelled vessels.**

(a) DDE endorsements are issued in three levels of propulsion power limitations dependent upon the total service of the applicant and completion of an appropriate examination. These endorsements are limited to vessels of less than 500 GRT on certain waters as specified in § 11.501 of this subpart.

(b) The service requirements for endorsements as DDE are—

(1) For designated duty engineer of steam, motor, and/or gas turbine-propelled vessels of unlimited propulsion power, the applicant must have 3 years of service in the engineroom. Eighteen months of this service must have been as a qualified member of the engine department or equivalent position;

(2) For designated duty engineer of steam, motor, and/or gas turbine-propelled vessels of less than 4,000 HP/3,000 kW, the applicant must have 2 years of service in the engineroom. One year of this service must have been as a quali-

fied member of the engine department or equivalent position; and

(3) For designated duty engineer of steam, motor, and/or gas turbine-propelled vessels of less than 1,000 HP/750 kW, the applicant must have 1 year of service in the engineroom. Six months of this service must have been as a qualified member of the engine department or equivalent position.

(c) A person holding this endorsement may qualify for an STCW endorsement, according to §§ 11.325, 11.327, 11.329, and 11.331 of this part.

### **§ 11.530 Endorsements as engineers of uninspected fishing industry vessels.**

(a) This section applies to endorsements for chief and assistant engineers of all vessels, however propelled, 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 GRT.

(b) Endorsements as chief engineer and assistant engineer of uninspected fishing industry vessels are issued for ocean waters and with propulsion power limitations in accordance with the provisions of § 11.503 of this subpart.

(c) For an endorsement as chief engineer, the applicant must have served 4 years in the engineroom of vessels. One year of this service must have been as an assistant engineer officer or equivalent position.

(d) For an endorsement as assistant engineer, an applicant must have served 3 years in the engine room of vessels.

(e) Two-thirds of the service required under this section must have been on motor vessels.

(f) Applicants may request an orally assisted examination on the subjects listed in subpart I of this part.

### **§ 11.540 Endorsements as engineers of mobile offshore drilling units (MODUs).**

Endorsements as chief engineer (MODU) or assistant engineer (MODU) authorize service on certain self-propelled or non-self-propelled units of unlimited propulsion power where authorized by the vessel's certificate of inspection.