

#### § 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-

#### 46 CFR Ch. I (10–1–20 Edition)

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