

serve within the limitations of the license or MMC upon near-coastal, Great Lakes, and inland waters.

**§ 11.502 General requirements for national engineer endorsements.**

(a) For all original and raise of grade of engineer endorsements, at least one-third of the minimum service requirements must have been obtained on the particular mode of propulsion for which the applicant seeks endorsement.

(b) If an applicant desires to add a propulsion mode (steam, motor, or gas turbine) to his or her endorsement while holding a license or MMC officer endorsement in that grade, the following alternatives are acceptable:

(1) Four months of service as an observer on vessels of the new propulsion mode.

(2) Four months of service as an engineer officer at the operational level on vessels of the new propulsion mode.

(3) Six months of service as oiler, fireman/watertender, or junior engineer on vessels of the new propulsion mode.

(4) Completion of a Coast Guard-approved training course for this endorsement.

**§ 11.503 Propulsion power limitations for national endorsements.**

(a) Engineer endorsements of all grades and types may be subject to propulsion power limitations. Other than as provided in § 11.524 of this subpart for the designated duty engineer (DDE), the propulsion power limitation placed on a license or MMC endorsement is based on the applicant's qualifying experience considering the total shaft propulsion power of each vessel on which the applicant has served.

(b) When an applicant for an original or raise of grade of an engineer endorsement, other than a DDE, has not obtained at least 50 percent of the required experience on vessels of 4,000 HP/3,000 kW or more, a propulsion power limitation is placed on the MMC based on the applicant's qualifying experience. The endorsement is limited to the maximum propulsion power on which at least 25 percent of the required experience was obtained, or 150 percent of the maximum propulsion

power on which at least 50 percent of the service was obtained, whichever is higher. Limitations are in multiples of 1,000 HP/750 kW, using the next higher figure when an intermediate horsepower is calculated. When the limitation as calculated equals or exceeds 10,000 HP/7,500 kW, an unlimited propulsion power endorsement is issued.

(c) The following service on vessels of 4,000 HP/3,000 kW or more will be considered qualifying for raising or removing the propulsion power limitations placed on an engineer endorsement:

(1) Six months of service in the highest-grade endorsed: Removal of all propulsion power limitations.

(2) Six months of service as an engineer officer in any capacity other than the highest grade for which the applicant is licensed or endorsed: Removal of all propulsion power limitations for the grade in which service is performed and raised to the next higher grade endorsement to the propulsion power of the vessel on which service was performed. The total cumulative service before and after issuance of the limited engineer endorsement may be considered in removing all propulsion power limitations.

(3) Twelve months of service as oiler or junior engineer while holding a license or MMC endorsement as third assistant engineer or assistant engineer (limited): Removal of all propulsion power limitations on third assistant engineer or assistant engineer's (limited) endorsement.

(4) Six months of service as oiler or junior engineer while holding a license or MMC endorsement as second assistant engineer: removal of all propulsion power limitations on third assistant engineer's endorsement.

(d) Raising or removing propulsion power limitations based on service required by paragraph (c) of this section may be granted without further written examination, if the Coast Guard considers further examination unnecessary.

**§ 11.504 Application of deck service for national limited engineer endorsements.**

Service gained in the deck department on vessels of appropriate tonnage may substitute for up to 25 percent or