

Subjects	Ma- chinist	Re- friger- ating engi- neer	Fire- man/ Water tender	Oiler	Elec- trician	Junior engi- neer	Deck engi- neer
23. Application and characteristics of parallel and series circuits .....	.....	.....	.....	.....	X	X	X
24. Application and maintenance of electrical meters and instruments .....	.....	.....	.....	.....	X	X	X
25. The maintenance and installation of lighting and power wiring in- volving testing for, locating and correcting grounds, short circuits and open circuits, and making splices .....	.....	.....	.....	.....	X	X	X
26. The operation and maintenance of the various types of genera- tors and motors, both A.C. and D.C .....	.....	.....	.....	.....	X	X	X
27. Operation, installation, and maintenance of the various types of electrical controls and safety devices .....	.....	.....	.....	.....	X	X	X
28. Testing and maintenance of special electrical equipment, such as telegraphs, telephones, alarm systems, fire-detecting systems, and rudder angle indicators .....	.....	.....	.....	.....	X	X	.....
29. Rules and Regulations and requirements for installation, repair, and maintenance of electrical wiring and equipment installed aboard ships .....	.....	.....	.....	.....	X	X	X
29a. Pollution laws and regulations, procedures for discharge con- tainment and cleanup, and methods for disposal of sludge and waste from cargo and fueling operations	X	X	X	X	X	X	.....
30. Such further examination of a nonmathematical character as the Officer in Charge, Marine Inspection, may consider necessary to establish the applicant's proficiency	X	X	X	X	X	X	X

(c) Each applicant for an endorsement as a qualified member of the engine department in the rating of pumpman shall, by oral or other examination, demonstrate sufficient knowledge of the subjects peculiar to that rating to satisfy the Officer in Charge, Marine Inspection, that he or she is qualified to perform the duties of that rating.

(d) Applicants for an endorsement as qualified members of the engine department in the rating of deck engine mechanic or engineman, who have proved eligibility for such endorsement under either §12.15-13 or §12.15-15, will not be required to take a written or oral examination for such ratings.

[CGFR 65-50, 30 FR 16640, Dec. 30, 1965, as amended by CGFR 66-46, 31 FR 13649, Oct. 22, 1966; CGD 71-161R, 37 FR 28263, Dec. 21, 1972; CGD 74-75, 42 FR 24741, May 16, 1977; CGD 94-029, 61 FR 47064, Sept. 6, 1996; USCG-2006-24371, 74 FR 11257, Mar. 16, 2009]

§ 12.15-11 General provisions respecting an endorsement as qualified member of the engine department.

The holder of an endorsement with one or more qualified members of the engine department ratings may serve in any unqualified rating in the engine department without obtaining an additional endorsement. This does not mean that an endorsement of one qualified member of the engine depart-

ment rating authorizes the holder to serve in all qualified member of the engine department ratings. Each qualified member of the engine department rating must be a separate endorsement. When, however, the applicant qualifies for all ratings covered by an endorsement as a QMED, the endorsement may read QMED—any rating. The ratings are as follows:

- (a) Refrigerating engineer.
- (b) Oiler.
- (c) Deck engineer.
- (d) Fireman/Watertender.
- (e) Junior engineer.
- (f) Electrician.
- (g) Machinist.
- (h) Pumpman.
- (i) Deck engine mechanic.
- (j) Engineman.

[CGFR 65-50, 30 FR 16640, Dec. 30, 1965, as amended by CGFR 66-46, 31 FR 13649, Oct. 22, 1966; CGD 74-45, 42 FR 24741, May 16, 1977; USCG-2006-24371, 74 FR 11257, Mar. 16, 2009]

§ 12.15-13 Deck engine mechanic.

(a) An applicant for an endorsement as *deck engine mechanic* shall be a person holding an MMC or MMD endorsed as *junior engineer*. The applicant shall be eligible for such certification upon furnishing one of the following:

- (1) Satisfactory documentary evidence of sea service of 6 months in the rating of *junior engineer* on steam vessels of 4,000 horsepower or over; or,

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(2) Documentary evidence from an operator of an automated vessel that he has completed satisfactorily at least 4 weeks indoctrination and training in the engine department of an automated steam vessel of 4,000 horsepower or over; or,

(3) Satisfactory completion of a course of training for *deck engine mechanic* acceptable to the Commanding Officer, National Maritime Center.

(b) The Officer in Charge, Marine Inspection, who is satisfied that an applicant for the rating of *deck engine mechanic* meets the requirements specified in this section, will endorse this rating on the current MMC held by the applicant.

(c) Any holder of an MMC or MMD endorsed for *any unlicensed rating in the engine department* or *QMED—any rating* is qualified as a *deck engine mechanic* and that endorsement will not be entered on his or her credential.

[CGFR 66-46, 31 FR 13649, Oct. 22, 1966, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; CGD 95-028, 62 FR 51196, Sept. 30, 1997; USCG-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2006-24371, 74 FR 11258, Mar. 16, 2009]

§ 12.15-15 Engineman.

(a) An applicant for an endorsement as engineman shall be a person holding an MMC or MMD document endorsed as fireman/watertender and oiler, or junior engineer. The applicant shall be eligible for such endorsement upon furnishing one of the following:

(1) Satisfactory documentary evidence of sea service of 6 months in any one or combination of *junior engineer, fireman/watertender* or *oiler* on steam vessels of 4,000 horsepower or over; or,

(2) Documentary evidence from an operator of a *partially automated* steam vessel that he has completed satisfactorily at least 2 weeks indoctrination and training in the engine department of a *partially automated* steam vessel of 4,000 horsepower or over; or

(3) Satisfactory completion of a course of training for *engineman* acceptable to the Commanding Officer, National Maritime Center.

(b) The Officer in Charge, Marine Inspection, who is satisfied that an applicant for the rating of engineman meets the requirements specified in this sec-

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tion, will endorse this rating on the applicant's MMC.

(c) Any holder of an MMC or MMD endorsed for any rating in the engine department, *QMED—any rating* or deck engine mechanic is qualified as an engineman and that endorsement will not be entered on his or her credential.

[CGFR 66-46, 31 FR 13650, Oct. 22, 1966, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; CGD 95-028, 62 FR 51196, Sept. 30, 1997; USCG-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2006-24371, 74 FR 11258, Mar. 16, 2009]

Subpart 12.25—Certificates of Service for Ratings Other Than Able Seaman or Qualified Member of the Engine Department

§ 12.25-1 Credentials required.

Every person employed in a rating other than able seaman or qualified member of the engine department of U.S. merchant vessels requiring such persons shall produce an MMC or MMD with the appropriate endorsement to the master, or person in charge if appropriate, before signing a shipping articles agreement.

[CGD 95-028, 62 FR 51196, Sept. 30, 1997, as amended by USCG-2006-24371, 74 FR 11258, Mar. 16, 2009]

§ 12.25-10 General requirements.

(a) Rating endorsements shall be issued without professional examination to applicants in capacities other than able seaman, lifeboatman, tankerman, or *QMED*. For example, ordinary seaman, wiper, and steward's department (F.H.) endorsements do not require an exam. Holders of MMCs or MMDs endorsed as ordinary seaman may serve in any unqualified rating in the deck department. Holders of MMCs or MMDs endorsed as wiper may serve in any unqualified rating in the engine department. MMCs or MMDs endorsed as steward's department (F.H.) will authorize the holder's service in any capacity in the steward's department. (See §12.02-11(b) of this part for unqualified ratings in the staff department.)

(b) When the holder of an endorsement is qualified as a food handler, the steward's department endorsement will