

(b) *Requirements for certification.* (1) To qualify for an endorsement as lifeboatman, an applicant must—

- (i) Be at least 18 years of age;
- (ii) Pass the prescribed physical and medical examination requirements specified in 46 CFR, part 10, subpart C; and
- (iii) Present evidence of having passed a chemical test for dangerous drugs or as having qualified for an exemption for testing described in §16.220 of this subchapter.

(2) To be eligible for an endorsement as lifeboatman, an applicant must meet one of the following sea service requirements:

(i) At least 6 months of sea service in any department of vessels and the successful completion of an approved course.

(ii) At least 12 months of sea service in any department of vessels on ocean, coastwise, inland, and Great Lakes routes.

(3) Before an applicant is issued an endorsement as a lifeboatman, he or she must prove, to the satisfaction of the Coast Guard, by oral or other means of examination, and by actual practical demonstration of abilities, his or her knowledge of seamanship and the ability to carry out effectively all the duties that may be required of a lifeboatman. This requirement may be met by completion of an approved course in paragraph (b)(2)(i) of this section, provided the course includes actual practical demonstration of abilities.

(4) The practical demonstration must consist of a demonstration of the applicant's ability to—

- (i) Take charge of a survival craft or rescue boat during and after launch;
- (ii) Operate a survival craft engine;
- (iii) Demonstrate the ability to row by actually pulling an oar in the boat;
- (iv) Manage a survival craft and survivors after abandoning ship;
- (v) Safely recover survival craft and rescue boats; and
- (vi) Use locating and communication devices.

(5) The examination, whether administered orally or by other means, must be conducted only in the English language and must consist of questions regarding—

(i) Lifeboats and liferafts, the names of their essential parts, and a description of the required equipment;

(ii) The clearing away, swinging out, and lowering of lifeboats and liferafts, the handling of lifeboats under oars and sails, including questions relative to the proper handling of a boat in a heavy sea; and

(iii) The operation and functions of commonly used types of davits.

(6) An applicant, to be eligible for an endorsement as lifeboatman, must be able to speak and understand the English language as would be required in the rating of lifeboatman and in an emergency aboard ship.

§ 12.409 General requirements for lifeboatman-limited endorsements.

(a) *General.* Every person fulfilling the manning requirements for lifeboatman on any United States vessel fitted with liferafts, but not fitted with lifeboats, must hold an endorsement as lifeboatman or as lifeboatman-limited. No endorsement as lifeboatman or lifeboatman-limited is required of any person employed on any unrigged vessel, except on a sea-going barge and on a tank barge navigating waters other than rivers and/or canals.

(b) *Requirements for certification.* (1) To qualify for an endorsement as lifeboatman-limited, an applicant must—

- (i) Be at least 18 years of age;
- (ii) Pass the prescribed physical and medical examination requirements specified in 46 CFR Part 10, subpart C; and
- (iii) Present evidence of having passed a chemical test for dangerous drugs or of having qualified for an exemption for testing, as described in §16.220 of this subchapter.

(2) An applicant, to be eligible for an endorsement as lifeboatman-limited, must meet one of the following sea service requirements:

(i) At least 12 months of sea service in any department of vessels on ocean, coastwise, inland, and Great Lakes routes.

(ii) At least 6 months of sea service in any department of vessels, and successful completion of an approved course.

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(3) Before an applicant is issued an endorsement as a lifeboatman-limited, he or she must prove, to the satisfaction of the Coast Guard, by oral or other means of examination, and by actual practical demonstration of abilities, his or her knowledge of seamanship and ability to carry out effectively all the duties that may be required of a lifeboatman-limited.

(4) The practical demonstration must consist of a demonstration of the applicant's ability to—

- (i) Take charge of a rescue boat, life-raft, or other lifesaving apparatus during and after launch;
- (ii) Operate a rescue boat engine;
- (iii) Manage a survival craft and survivors after abandoning ship;
- (iv) Safely recover rescue boats; and
- (v) Use locating and communication devices.

(5) The examination, whether administered orally or by other means, must be conducted only in the English language and must consist of questions regarding—

- (i) Liferrafts, rescue boats, and other survival craft except lifeboats, the names of their essential parts, and a description and use of the required equipment;
- (ii) The clearing away, launching, and handling of rescue craft, except lifeboats; and
- (iii) The operation and functions of commonly used launching devices for rescue boats and survival craft other than lifeboats.

(6) An applicant, to be eligible for an endorsement as lifeboatman-limited, must be able to speak and understand the English language as would be required in the rating of lifeboatman-limited and in an emergency aboard ship.

Subpart E—Requirements for National Engineer Rating Endorsements

§ 12.501 General requirements for a qualified member of the engine department (QMED).

(a) *General.* A qualified member of the engine department is any person below officer and above the rating of coal passer or wiper, who holds an

MMC or MMD endorsed as QMED by the Coast Guard.

(b) *Categories.* (1) Each QMED rating must be endorsed separately, unless the applicant qualifies for all QMED ratings, in which case the endorsement will read “QMED—any rating.” The ratings are—

- (i) Fireman/Watertender;
- (ii) Oiler;
- (iii) Junior engineer;
- (iv) Electrician/Refrigerating engineer; and
- (v) Pumpman/Machinist.

(2) The Coast Guard will no longer issue original endorsements for deck engineer, deck/engine mechanic, or engineman, or individual endorsements for refrigerating engineer, machinist, electrician, and pumpman. However, a mariner who holds any of these endorsements may continue to renew them as long as he or she is otherwise qualified.

(3) If the holder of an endorsement as pumpman only or machinist only seeks the combined endorsement of pumpman/machinist, the mariner must pass the examination described in Table 1 to § 12.505(c) of this subpart.

(4) If the holder of an endorsement as electrician only or refrigerating engineer only seeks the combined endorsement of electrician/refrigerating engineer, the mariner must pass the examination described in Table 1 to § 12.505(c) of this subpart.

(c) *Requirements for certification.* To qualify for any endorsement as QMED, an applicant must—

- (1) Be at least 18 years of age;
- (2) Pass the prescribed physical and medical examination requirements specified in 46 CFR Part 10, subpart C;
- (3) Present evidence of having passed a chemical test for dangerous drugs or of having qualified for an exemption from testing, as described in § 16.220 of this subchapter;
- (4) Meet the sea service or training requirements in § 12.503 of this subpart;
- (5) Pass an examination as QMED; and

(6) Speak and understand the English language as would be required in performing the general duties of QMED and during an emergency aboard ship.