**02 DEPARTMENT OF PROFESSIONAL AND FINANCIAL REGULATION**

**318 ELECTRICIANS’ EXAMINING BOARD**

### Chapter 130: EXAMINATION AND LICENSING REQUIREMENTS

**SUMMARY**: This chapter sets forth the examination and licensure requirements for the various licenses issued by the Board.

1. **GENERALLY**

A. **ELIGIBILITY FOR JOURNEYMAN ELECTRICIAN EXAMINATION**

1. To sit for the journeyman electrician examination, an applicant must meet the education and work experience requirements set forth in 32 M.R.S. §1202-A(2)(B), and submit evidence of completion of these requirements and obtain approval pursuant to Section 2 of this Chapter.

2. An applicant who is not a graduate of an accredited regional applied technology high school 2-year electrical program or accredited community college electrical program, a vocational-electrical program of a state department of corrections, or who is not an electrical apprentice registered in a Department of Labor apprenticeship program must show proof of completion of the following courses:

a. 225 hours consisting of 45-hour courses each in Electricity I, Electricity II, Math I, Controls I, and a current National Electrical Code course; and

b. 351 hours of Electives, consisting of:

1. all trade-related courses; or
2. a minimum of 225 hours of trade-related courses and 135 hours of degree-related courses in mathematics, science, business, human relations, and communication.

3. An applicant who seeks to sit for the journeyman electrician examination by virtue of meeting the requirements of 32 M.R.S. §1202-A(2)(B)(1)-(4) must submit evidence of qualifying work experience as set forth therein.

An applicant who seeks to sit for the journeyman electrician examination by virtue of meeting the requirements of 32 M.R.S. §1202-A(2)(B)(5) must submit evidence of comparable work experience or education or training or a combination of work experience, education and training that is acceptable to the Board.

B. **JOURNEYMAN-IN-TRAINING ELECTRICIAN LICENSURE REQUIREMENTS**

1. To qualify for the journeyman-in-training electrician license, an applicant must meet the education and work experience requirements set forth in 32 M.R.S. §1202-A(3)(B), and submit evidence of completion of these requirements and obtain approval pursuant to Section 2 of this Chapter.

2. An applicant who seeks to qualify for the journeyman-in-training electrician license by virtue of meeting the requirements of 32 M.R.S. §1202-A(3)(B)(2) must submit evidence of comparable work experience or education or training or a combination of work experience, education and training that is acceptable to the Board.

C. **ELIGIBILITY FOR MASTER ELECTRICIAN EXAMINATION**

1. To sit for the master electrician examination, an applicant must meet the education and work experience requirements set forth in 32 M.R.S. §1202-A(4)(B) or (C) and submit evidence of completion of these requirements and obtain approval pursuant to Section 2 of this Chapter.

2. An applicant who seeks to sit for the master electrician examination by virtue of meeting the requirements of 32 M.R.S. §1202-A(4)(B)(1) must show proof of completion of the following courses:

a. 450 hours consisting of 45-hour courses each in Electricity I, Electricity II, Electronics I, Math I, Controls I, Controls II, Motors, Blue Print Reading/Drafting, Transformers, and a current National Electrical Code course; and

b. 126 hours of degree-related courses in mathematics, science, business, human relations, and communication.

3. An applicant who seeks to sit for the master electrician examination by virtue of meeting the requirements of 32 M.R.S. §1202-A(4)(B)(1) must submit evidence of qualifying work experience as set forth therein. For the purposes of this subsection, qualifying work experience does not mean hours worked in the field as a licensed limited electrician.

An applicant who seeks to sit for the master electrician examination by virtue of meeting the requirements of 32 M.R.S. §1202-A(4)(B)(2) must submit evidence of comparable work experience or education or training or a combination of work experience, education and training that is acceptable to the Board.

D. **ELIGIBILITY FOR LIMITED ELECTRICIAN EXAMINATION**

1. To sit for the limited electrician examination, an applicant must meet the education and work experience requirements set forth in 32 M.R.S. §1202-A(5)(B) and submit evidence of completion of these requirements and obtain approval pursuant to Section 2 of this Chapter.

2. To obtain a license under 32 M.R.S. §1202-A(5)(B), an applicant must meet the following requirements, as applicable:

a. To sit for the limited electrician examination in **water pumps**, the applicant must provide evidence of:

i. having completed 180 hours of education consisting of 45-hour courses each in Electricity I, Motors, Controls I, and a current National Electrical Code course; and

ii. 2,000 hours of work experience, at least 1,000 hours of which is in water pump installations.

b. To sit for the limited electrician examination in **outdoor signs** (including sign lighting), the applicant must provide evidence of:

i. having completed 135 hours of education consisting of 45-hour courses each in Electricity I, Controls I, and a current National Electrical Code course; and

ii. 2,000 hours of work experience, at least 1,000 hours of which is in outdoor signs and sign lighting installations.

c. To sit for the limited electrician examination in **gasoline dispensing equipment installations**, the applicant must provide evidence of:

i. having completed 135 hours of education consisting of 45-hour courses each in Electricity I, Controls I, and a current National Electrical Code course; and

ii. 2,000 hours of work experience, at least 1,000 hours of which is in gasoline dispensing equipment installations.

d. To sit for the limited electrician examination in **traffic signals** (including outdoor lighting of traffic signals), an applicant must provide evidence of:

i. having completed 180 hours of education consisting of 45-hour courses each in Electricity I, Electronics I, Controls I, and a current National Electrical Code course; and

ii. 2,000 hours of work experience, at least 1,000 hours of which is in traffic signal installations and outdoor lighting of traffic signals.

e. To sit for the limited electrician examination in **house wiring**, the applicant must provide evidence of:

i. having completed 225 hours of education consisting of 45-hour courses each in Electricity I, Electricity II, Controls I, Blueprint Reading, and a current National Electrical Code course; and

ii. 4,000 hours of work experience, at least 2,000 hours of which is in house wiring installations.

f. To sit for the limited electrician examination in **refrigeration**, the applicant must provide evidence of:

i. having completed 315 hours of education consisting of 45-hour courses each in Electricity I, Electricity II, Controls I, Controls II, Motors, Transformers, and a current National Electrical Code course; and

ii. 6,000 hours of work experience, at least 3,000 hours of which is in refrigeration installations.

A graduate of a community college electrical program in refrigeration or from an accredited institution is credited with 4,000 hours of experience upon graduation.

g. Limited Electrician in Low-Energy Electronics

i. An applicant for a limited electrician license in **low-energy electronics**, including fire alarms, whose experience was obtained prior to June 24, 1987 is not required to sit for the examination. The applicant must document 4,000 hours of experience in the installation of low energy electronics, as defined by NFPA 70, the 1990 edition of the National Electrical Code.

ii. To sit for the limited electrician examination in **low-energy electronics,** including fire alarms, the applicant must provide evidence of:

a. having completed 270 hours of education consisting of 45-hour courses each in Electricity I, Electricity II, Electronics I, Blueprint Reading, Controls I, and a current National Electrical Code course; and

b. 4,000 hours of work experience, at least 2,000 hours of which is in low energy installations.

h. Limited Electrician in Crane Wiring

i. An applicant for a limited electrician license in crane wiring, whose experience was obtained prior to September 18, 1999, is not required to sit for the examination.

ii. To sit for the limited electrician examination in **crane wiring**, the applicant must provide evidence of:

a. having completed 135 hours of education consisting of 45-hour courses each in Electricity I, Controls I, and a current National Electrical Code course; and

b. 2,000 hours of work experience in crane and hoist wiring installations.

**2. APPLICATION FOR EXAMINATION**

A. An applicant for an examination shall submit the following:

1. A completed application and any applicable fees required by law or rule.

2. Documentation of the education and work experience required by Sections 1(A), (B), (C) or (D) of this Chapter. For the purposes of this subsection:

i. documentation of education means official or unofficial transcripts; and

1. documentation of licensed work experience in electrical installations means an affidavit signed by a supervising master, journeyman or limited electrician. Unless overtime is verified to the Board’s satisfaction, no credit for licensed work experience shall be given for more than 40 hours per week.

3. If an applicant is unable to provide evidence as required by Section 2(A)(2) of this Chapter, the Board may, at its sole discretion, permit alternative forms of evidence of education or licensed work experience. Examples of alternative forms of evidence include, but are not limited to, certificates of completion of education coursework or sworn statements detailing experience by persons knowledgeable about the duration and extent of the applicant’s licensed work experience.

B. Incomplete or illegible applications will be returned to the applicant together with any attachments.

C. An applicant for examination must receive written approval prior to sitting for an examination. Examination scores of applicants who take an examination prior to receiving approval will not be recognized.

D. Denied or abandoned applications requiring no further action will be destroyed after 6 months, and an applicant must file a new application in order to reapply.

**3. EXAMINATIONS**

The following provisions apply to all examinations for electrician licenses.

A. The passing score for all examinations is 70%.

B. Eligibility for examination remains valid for a period of 2 years from the date of approval to sit for examination. An applicant who fails to pass the examination within 2 years of approval must reapply as a new applicant.

C. Notwithstanding the time limitation set forth in subsection (B), in the case of a member of the United States Armed Forces, an extension may be granted if the applicant serves no more than 4 years. If required by some provision to serve a period longer than 4 years, the applicant shall submit satisfactory evidence of this provision and a further extension may be granted. The applicant shall notify the Electricians’ Examining Board of separation from the United States Armed Forces within 90 days after separation from service and sit for examination within 2 years from the date of separation.

**4. LICENSURE**

1. To obtain a license, all applicants shall submit the application provided by the Board and the license fees required by Chapter 10 of the rules of the Office of Professional and Occupational Regulation.
2. If an applicant fails to apply for a license within 2 years from the date of notification of a passing score on the examination, the applicant must reapply as a new applicant and retake the examination.

**5. CONTINUING EDUCATION**

A master electrician, journeyman electrician, limited electrician, or journeyman-in-training electrician shall certify at time of renewal to completion of a 15-hour current National Electrical Code update course according to the schedule below. This certification is subject to audit pursuant to Chapter 13 of the rules of the Office of Professional and Occupational Regulation.

**National Electrical Code Update Schedule**

**Renewal Year 15-hour NEC Code Update**

2021 2020 Code Update

2022 No Code Update Required

2023 2023 Code Update

2024 2023 Code Update

2025 No Code Update Required

2026 2026 Code Update

2027 2026 Code Update

2028 No Code Update Required

2029 2029 Code Update

2030 2029 Code Update

2031 No Code Update Required

2032 2032 Code Update

2033 2032 Code Update

**NOTE**: The National Electrical Code Update Schedule is based on an assumed 3-year code cycle and subject to actual publication dates by the National Electrical Code.

**6. LICENSE RENEWAL**

A master, limited or journeyman electrician who submits an application for renewal more than 90 days after the license expiration date shall be subject to one of the following provisions:

A. **More than 90 Days but less than 2 Years**. A licensee who fails to renew a license for more than 90 days but not more than 2 years after the date of expiration may renew the license without taking an examination by filing a new application for renewal and paying the license and late renewal fees as required by Chapters 10 and 11 of the rules of the Office of Professional and Occupational Regulation.

B. **More than 2 Years**. A licensee who fails to renew a license for more than 2 years from the date of expiration may obtain a new license by satisfying all applicable requirements set forth in Title 32, Chapter 17 and Board rules.

STATUTORY AUTHORITY:

32 M.R.S. §§ 1153, 1202-A, 1203, 1203-A, and 1204

EFFECTIVE DATE:

February 16, 1986 (as "Licensing")

AMENDED:

January 10, 1988

December 27, 1989 (as "Licensing Application Procedure")

June 10, 1996

REPEALED AND REPLACED:

July 15, 2000 (as "Examination and Licensing Requirements")

September 1, 2008 – filing 2008-363

EFFECTIVE DATE:

June 7, 2022 – filing 2022-111