
A BILL FOR AN ACT

RELATING TO ELECTRICAL LICENSING.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. Section 448E-5, Hawaii Revised Statutes, is
2 amended to read as follows:

3 "~~§448E-5~~ **Minimum requirements.** [~~An applicant~~] All new
4 applicants shall possess the following minimum qualifications:

5 (1) Journey worker electrician. Every applicant to be
6 eligible for the journey worker electrician
7 examination shall be at least eighteen years of age,
8 shall provide satisfactory evidence of having
9 successfully completed an accredited academic or
10 apprenticeship program covering the principles of
11 electrical theory and the requirements of the National
12 Electric Code, and shall provide satisfactory evidence
13 of experience in residential or commercial wiring of
14 at least five years full-time or its equivalent, but
15 not less than 10,000 hours of experience in the trade
16 under the supervision of a journey worker or
17 supervising electrician.



- 1 (2) Journey worker specialty electrician. Every applicant
2 to be eligible for the journey worker specialty
3 electrician examination shall be at least eighteen
4 years of age, shall provide satisfactory evidence of
5 having successfully completed an accredited academic
6 or apprenticeship program covering the principles of
7 electrical theory and the requirements of the National
8 Electric Code, and shall have had at least five years'
9 experience in the trade.
- 10 (3) Supervising electrician. Every applicant to be
11 eligible for the supervising electrician examination
12 shall have been registered with the board as a journey
13 worker electrician for at least a period of four years
14 in the trade or shall have had equivalent experience
15 in the trade[-] and shall provide satisfactory
16 evidence of having successfully completed an associate
17 degree or certificate program or electrical
18 apprenticeship program covering the principles of
19 electrical theory and the requirements of the National
20 Electric Code.
- 21 (4) Supervising specialty electrician. Every applicant to
22 be eligible for the supervising specialty electrician



1 examination shall have been registered with the board
2 as a journey worker specialty electrician for at least
3 a period of four years in the trade or shall have had
4 equivalent experience in the trade[-] and shall
5 provide satisfactory evidence of having successfully
6 completed an accredited academic or apprenticeship
7 program covering the principles of electrical theory
8 and the requirements of the National Electric Code.

9 (5) Journey worker plumber. Every applicant to be
10 eligible for the journey worker plumber examination
11 shall have had experience of at least five years'
12 full-time or its equivalent but not less than 10,000
13 hours as a journey worker's or master plumber's
14 helper, and is able to furnish satisfactory evidence
15 of such fact.

16 (6) Master plumber. Every applicant to be eligible for
17 the master plumber examination shall have been
18 registered with the board as a journey worker plumber
19 for at least two years or shall have had equivalent
20 experience in the trade.

21 (7) Maintenance electrician. Every applicant to be
22 eligible for the maintenance electrician examination



1 shall be not less than eighteen years of age, shall
2 provide satisfactory evidence of having successfully
3 completed an accredited academic or apprenticeship
4 program covering the principles of electrical theory
5 and the requirements of the National Electric Code,
6 and shall have had at least one year of experience in
7 performing electrical maintenance work or proof of two
8 years of schooling in the electrical trade.

9 (8) Journey worker industrial electrician. Every
10 applicant to be eligible for the journey worker
11 industrial electrician examination shall be at least
12 eighteen years of age, shall provide satisfactory
13 evidence of having successfully completed an
14 accredited academic or apprenticeship program covering
15 the principles of electrical theory and the
16 requirements of the National Electric Code, and shall
17 have had experience in industrial electrical work of
18 at least five years full-time or its equivalent, but
19 not less than 10,000 hours.

20 (9) Supervising industrial electrician. Every applicant
21 to be eligible for the supervising industrial
22 electrician examination shall have been registered



1 with the board as a journey worker industrial
2 electrician for a period of at least four years or
3 shall have had equivalent experience in the trade[-]
4 and shall provide satisfactory evidence of having
5 successfully completed an accredited academic or
6 apprenticeship program covering the principles of
7 electrical theory and the requirements of the National
8 Electric Code."

9 SECTION 2. Section 448E-5.5, Hawaii Revised Statutes, is
10 amended to read as follows:

11 **[+]§448E-5.5[+] Examination.** (a) Every applicant shall
12 be examined and shall pass an examination to be eligible for
13 licensure. The board shall provide in its rules the passing
14 score for the examination. The board may examine applicants or
15 may contract with professional testing services to prepare,
16 administer, and grade the examination as may be required for the
17 purpose of this section.

18 (b) Every applicant shall pay an examination fee as
19 provided in rules adopted by the director pursuant to chapter
20 91. Should the board contract with a professional testing
21 agency to prepare, administer, and grade the examination, the



1 examination fee may be paid directly to the testing agency by
2 the director or the examinee.

3 (c) The examinations for all levels of electricians shall
4 test the applicant on the applicant's knowledge of the
5 principles of electrical theory and the requirements of the
6 National Electrical Code. The examinations shall test the
7 applicant at the level of knowledge gained through the
8 successful completion of an associate degree or certification
9 program in electrical theory or electrical apprenticeship from
10 an accredited institution."

11 SECTION 3. Statutory material to be repealed is bracketed
12 and stricken. New statutory material is underscored.

13 SECTION 4. This Act does not affect rights and duties that
14 matured, penalties that were incurred, and proceedings that were
15 begun, before its effective date.

16 SECTION 5. This Act shall take effect upon its approval.



HB 2972

HD1

Report Title:

Electrical Licensing

Description:

Specifies educational requirements for electricians. (HD1)

