
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 shall possess
4 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 and shall provide satisfactory evidence of:

9 (A) Successfully completing an accredited academic
10 program and a five-year apprenticeship program
11 covering the principles of electrical theory and
12 the requirements of the National Electric Code;

13 or

14 (B) At least five years of full-time experience in
15 residential or commercial wiring [~~of at least~~
16 ~~five years full-time~~] or its equivalent, but [~~not~~
17 ~~less~~] no fewer than [10,000] ten thousand hours



1 of experience in the trade under the supervision
2 of a journey worker or supervising electrician.

3 (2) Journey worker specialty electrician. Every applicant
4 to be eligible for the journey worker specialty
5 electrician examination shall be at least eighteen
6 years of age and shall [~~have had at~~]:

7 (A) Provide satisfactory evidence of having
8 successfully completed an accredited academic
9 program and five-year apprenticeship program
10 covering the principles of electrical theory and
11 the requirements of the National Electric Code;
12 or

13 (B) At least five [~~years~~] years of full-time
14 experience or its equivalent, but no fewer than
15 ten thousand hours of experience in the trade.

16 (3) Supervising electrician. Every applicant to be
17 eligible for the supervising electrician examination
18 shall have been registered with the board as a journey
19 worker electrician for at least a period of four years
20 in the trade or shall have had equivalent experience
21 in the trade.



- 1 (4) Supervising specialty electrician. Every applicant to
2 be eligible for the supervising specialty electrician
3 examination shall have been registered with the board
4 as a journey worker specialty electrician for at least
5 a period of four years in the trade or shall have had
6 equivalent experience in the trade.
- 7 (5) Journey worker plumber. Every applicant to be
8 eligible for the journey worker plumber examination
9 shall have had experience of at least five years'
10 full-time or its equivalent but not less than 10,000
11 hours as a journey worker's or master plumber's
12 helper, and is able to furnish satisfactory evidence
13 of such fact.
- 14 (6) Master plumber. Every applicant to be eligible for
15 the master plumber examination shall have been
16 registered with the board as a journey worker plumber
17 for at least two years or shall have had equivalent
18 experience in the trade.
- 19 (7) Maintenance electrician. Every applicant to be
20 eligible for the maintenance electrician examination
21 shall be not less than eighteen years of age and shall
22 have had at least one year of experience in performing



1 electrical maintenance work or proof of two years of
2 schooling in the electrical trade.

3 (8) Journey worker industrial electrician. Every
4 applicant to be eligible for the journey worker
5 industrial electrician examination shall be at least
6 eighteen years of age and shall ~~have~~ :

7 (A) Provide satisfactory evidence of having
8 successfully completed an accredited academic
9 program and a five-year apprenticeship program
10 covering the principles of electrical theory and
11 the requirements of the National Electric Code;
12 or

13 (B) Have had at least five years full-time experience
14 in industrial electrical work ~~[of at least five~~
15 ~~years full-time]~~ or its equivalent, but ~~not~~
16 ~~less]~~ not fewer than [10,000] ten thousand hours
17 experience in the trade.

18 (9) Supervising industrial electrician. Every applicant
19 to be eligible for the supervising industrial
20 electrician examination shall have been registered
21 with the board as a journey worker industrial



1 electrician for a period of at least four years or
2 shall have had equivalent experience in the trade."

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

5 "~~§448E-5.5~~ **Examination.** (a) Every applicant shall
6 be examined and shall pass an examination to be eligible for
7 licensure. The board shall provide in its rules the passing
8 score for the examination. The board may examine applicants or
9 may contract with professional testing services to prepare,
10 administer, and grade the examination as may be required for the
11 purpose of this section.

12 (b) Every applicant shall pay an examination fee as
13 provided in rules adopted by the director pursuant to chapter
14 91. Should the board contract with a professional testing
15 agency to prepare, administer, and grade the examination, the
16 examination fee may be paid directly to the testing agency by
17 the director or the examinee.

18 (c) The examinations for all journey worker levels of
19 electricians shall test the applicant's knowledge of the
20 principles of electrical theory and the requirements of the
21 National Electric Code. The examinations shall test the
22 applicant at the level of knowledge gained through the



1 successful completion of an associate degree or certification
2 program in electrical theory or electrical apprenticeship from
3 an accredited institution."

4 SECTION 3. This Act does not affect rights and duties that
5 matured, penalties that were incurred, and proceedings that were
6 begun, before its effective date.

7 SECTION 4. Statutory material to be repealed is bracketed
8 and stricken. New statutory material is underscored.

9 SECTION 5. This Act shall take effect on July 1, 2050.



Report Title:

Electrical Licensing

Description:

Specifies educational requirements for electricians. (SD2)

