
A BILL FOR AN ACT

RELATING TO ELECTRICAL AND PLUMBING TRADES.

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 or
10 apprenticeship program covering the principles of
11 electrical theory and the requirements of the
12 National Electric Code; or

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



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



1 certificate program or electrical apprenticeship
2 program covering the principles of electrical
3 theory and the requirements of the National
4 Electric Code;

5 (4) Supervising specialty electrician. Every applicant to
6 be eligible for the supervising specialty electrician
7 examination shall ~~[have]~~:

8 (A) Have been registered with the board as a journey
9 worker specialty electrician for at least a
10 period of four years ~~[in the trade or shall have~~
11 ~~had]~~ or provide satisfactory evidence of
12 equivalent experience in the trade[-]; and

13 (B) Provide satisfactory evidence of having
14 successfully completed an accredited academic or
15 apprenticeship program covering the principles of
16 electrical theory and the requirements of the
17 National Electric Code;

18 (5) Journey worker plumber. Every applicant to be
19 eligible for the journey worker plumber examination
20 shall have had experience of at least five years'
21 full-time or its equivalent but not less than 10,000
22 hours as a journey worker's or master plumber's



1 helper, and is able to furnish satisfactory evidence
2 of such fact[-];i

3 (6) Master plumber. Every applicant to be eligible for
4 the master plumber examination shall have been
5 registered with the board as a journey worker plumber
6 for at least two years or shall have had equivalent
7 experience in the trade[-];i

8 (7) Maintenance electrician. Every applicant to be
9 eligible for the maintenance electrician examination
10 shall [~~be~~];i

11 (A) Be not less than eighteen years of age;

12 (B) Provide satisfactory evidence of having
13 successfully completed an accredited academic or
14 apprenticeship program covering the principles of
15 electrical theory and the requirements of the
16 National Electric Code; [~~and shall have had~~] and

17 (C) Provide satisfactory evidence of at least one
18 year of experience in performing electrical
19 maintenance work or proof of two years of
20 schooling in the electrical trade[-];i



- 1 (8) Journey worker industrial electrician. Every
2 applicant to be eligible for the journey worker
3 industrial electrician examination shall ~~[be]~~:
4 (A) Be at least eighteen years of age;
5 (B) Provide satisfactory evidence of having
6 successfully completed an accredited academic or
7 apprenticeship program covering the principles of
8 electrical theory and the requirements of the
9 National Electric Code; ~~[and shall have had]~~ and
10 (C) Provide satisfactory evidence of at least five
11 years of full-time experience in industrial
12 electrical work ~~[of at least five years full-~~
13 ~~time]~~ or its equivalent, but ~~[not less]~~ no fewer
14 than ~~[10,000]~~ ten thousand hours~~[-]~~;
15 and
16 (9) Supervising industrial electrician. Every applicant
17 to be eligible for the supervising industrial
18 electrician examination shall ~~[have]~~:
19 (A) Have been registered with the board as a journey
20 worker industrial electrician for a period of at
21 least four years or ~~[shall have had]~~ provide



1 satisfactory evidence of equivalent experience in
2 the trade[-]; and

3 (B) Provide satisfactory evidence of having
4 successfully completed an accredited academic or
5 apprenticeship program covering the principles of
6 electrical theory and the requirements of the
7 National Electric Code."

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

10 " [+]**§448E-5.5**[+] **Examination.** (a) Every applicant shall
11 be examined and shall pass an examination to be eligible for
12 licensure. The board shall provide in its rules the passing
13 score for the examination. The board may examine applicants or
14 may contract with professional testing services to prepare,
15 administer, and grade the examination as may be required for the
16 purpose of this section.

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



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

9 SECTION 3. This Act applies only to the eligibility of
 10 applicants for an examination and does not affect the scope of
 11 work of electricians and plumbers licensed under chapter 448E,
 12 Hawaii Revised Statutes. Electricians licensed before the
 13 effective date of this Act shall not be required to fulfill the
 14 requirements for examination established by this Act to maintain
 15 or renew their license.

16 SECTION 4. This Act does not affect rights and duties that
 17 matured, penalties that were incurred, and proceedings that were
 18 begun, before its effective date.

19 SECTION 5. Statutory material to be repealed is bracketed
 20 and stricken. New statutory material is underscored.

21 SECTION 6. This Act shall take effect on July 1, 2020.



Report Title:

Electrical and Plumbing Trades; Licensing

Description:

Specifies educational requirements for the electrician trade.
Effective July 1, 2020. (HB937 HD3)

