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# 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 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  
18 of a journey worker or 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 and shall ~~have~~:

5 (A) 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; or

10 (B) Have had at least five years' experience in the  
11 trade.

12 (3) Supervising electrician. Every applicant to be  
13 eligible for the supervising electrician examination  
14 shall ~~have~~:

15 (A) Have been registered with the board as a journey  
16 worker electrician for at least a period of four  
17 years in the trade or shall have had equivalent  
18 experience in the trade[-]; and

19 (B) Provide satisfactory evidence of having  
20 successfully completed an associate degree or  
21 certificate program or electrical apprenticeship  
22 program covering the principles of electrical



1                   theory and the requirements of the National  
2                   Electric Code.

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

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

10          (B) Provide satisfactory evidence of having  
11          successfully completed an accredited academic or  
12          apprenticeship program covering the principles of  
13          electrical theory and the requirements of the  
14          National Electric Code.

15          (5) Journey worker plumber. Every applicant to be  
16          eligible for the journey worker plumber examination  
17          shall have had at least five years of full-time  
18          experience ~~[of at least five years' full-time]~~ or its  
19          equivalent but ~~[not less]~~ no fewer than ~~[10,000]~~ ten  
20          thousand hours as a journey worker's or master  
21          plumber's helper, and ~~[is]~~ be able to furnish  
22          satisfactory evidence of such fact.



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

6 (7) Maintenance electrician. Every applicant to be  
7 eligible for the maintenance electrician examination  
8 shall ~~[be]~~:

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

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

15 (C) Have had at least one year of experience in  
16 performing electrical maintenance work or proof  
17 of two years of schooling in the electrical  
18 trade.

19 (8) Journey worker industrial electrician. Every  
20 applicant to be eligible for the journey worker  
21 industrial electrician examination shall ~~[be]~~:

22 (A) Be at least eighteen years of age;



1           (B) Provide satisfactory evidence of having  
2           successfully completed an accredited academic or  
3           apprenticeship program covering the principles of  
4           electrical theory and the requirements of the  
5           National Electric Code; and [shall have]

6           (C) Have had least five years of full-time experience  
7           in industrial electrical work [of at least five  
8           years full-time] or its equivalent, but [not  
9           less] no fewer than [10,000] ten thousand hours.

10           (9) Supervising industrial electrician. Every applicant  
11           to be eligible for the supervising industrial  
12           electrician examination shall [have]:

13           (A) Have been registered with the board as a journey  
14           worker industrial electrician for a period of at  
15           least four years or shall have had equivalent  
16           experience in the trade[-]; and

17           (B) Provide satisfactory evidence of having  
18           successfully completed an accredited academic or  
19           apprenticeship program covering the principles of  
20           electrical theory and the requirements of the  
21           National Electric Code."



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

3 "[+]§448E-5.5[+] **Examination.** (a) Every applicant shall  
4 be examined and shall pass an examination to be eligible for  
5 licensure. The board shall provide in its rules the passing  
6 score for the examination. The board may examine applicants or  
7 may contract with professional testing services to prepare,  
8 administer, and grade the examination as may be required for the  
9 purpose of this section.

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

16 (c) The examinations for all levels of electricians shall  
17 test the applicant on the applicant's knowledge of the  
18 principles of electrical theory and the requirements of the  
19 National Electrical Code. The examinations shall test the  
20 applicant at the level of knowledge gained through the  
21 successful completion of an associate degree or certification



1 program in electrical theory or electrical apprenticeship from  
2 an accredited institution."

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

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

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



**Report Title:**  
Electrical Licensing

*HB 2972*  
*HD2*

**Description:**  
Specifies educational requirements for electricians. (HB2972  
HD1)

