

JAN 22 2007

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 "**S448E-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



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~~:

7 (A) Provide satisfactory evidence of having
8 successfully completed 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) Have had at least five [~~years~~] years experience
13 in the trade.

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

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

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.

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



1 plumber's helper, and [~~is~~] be able to furnish
2 satisfactory evidence of such fact.

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.

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

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~~]

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



- 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]~~
10 (C) Have had at least five years of full-time
11 experience in industrial electrical work ~~[of at~~
12 ~~least five years full-time]~~ or its equivalent~~[r~~
13 ~~but not less]~~; provided that such experience
14 shall not be less than ~~[10,000]~~ ten thousand
15 hours.
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 equivalent
22 experience in the trade~~[r]~~; and



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."

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

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

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

21 (c) The examinations for all levels of electricians shall
22 test the applicant's knowledge of the principles of electrical




1 theory and the requirements of the National Electrical Code.
2 The examinations shall test the applicant at the level of
3 knowledge gained through the successful completion of an
4 associate degree or certification program in electrical theory
5 or electrical apprenticeship from an accredited institution."

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

9 SECTION 4. Statutory material to be repealed is bracketed
10 and stricken. New statutory material is underscored.

11 SECTION 5. This Act shall take effect on July 1, 2007.

12
INTRODUCED BY: 

Report Title:

Electrical Licensing

Description:

Specifies educational requirements for electricians.

