

JAN 25 2017

A BILL FOR AN ACT

RELATING TO ELECTRICIANS.

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. (a) Except as otherwise
4 provided in subsection (b), an applicant shall possess the
5 following minimum qualifications:

6 (1) Journey worker electrician: To be eligible for the
7 journey worker electrician examination, an applicant
8 shall be at least eighteen years of age and shall
9 provide satisfactory evidence of experience in
10 residential or commercial wiring of at least five
11 years full-time or its equivalent, but not less than
12 ten thousand hours, in the trade under the supervision
13 of a journey worker or supervising electrician;

14 (2) Journey worker specialty electrician: To be eligible
15 for the journey worker specialty electrician
16 examination, an applicant shall be at least eighteen



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- 1 years of age and shall provide satisfactory evidence
2 of at least five years' experience in the trade;
- 3 (3) Supervising electrician: To be eligible for the
4 supervising electrician examination, an applicant
5 shall have been registered with the board as a journey
6 worker electrician for at least a period of four years
7 or shall have equivalent experience in the trade [7]
8 and shall provide to the board satisfactory evidence
9 of completed training on the most recent edition of
10 the National Fire Protection Association's NFPA 70E:
11 Standard for Electrical Safety in the Workplace;
- 12 (4) Supervising specialty electrician: To be eligible for
13 the supervising specialty electrician examination, an
14 applicant shall have been registered with the board as
15 a journey worker specialty electrician for at least a
16 period of four years or shall have equivalent
17 experience in the trade;
- 18 (5) Journey worker plumber: To be eligible for the
19 journey worker plumber examination, an applicant shall
20 provide satisfactory evidence of experience of at
21 least five years' full-time or its equivalent, but not



- 1 less than ten thousand hours, as a journey worker's or
2 master plumber's helper;
- 3 (6) Master plumber: To be eligible for the master plumber
4 examination, an applicant shall have been registered
5 with the board as a journey worker plumber for at
6 least two years or shall have equivalent experience in
7 the trade;
- 8 (7) Maintenance electrician: To be eligible for the
9 maintenance electrician examination, an applicant
10 shall be not less than eighteen years of age and shall
11 provide satisfactory evidence of at least one year of
12 experience in performing electrical maintenance work
13 or two years of schooling in the electrical trade;
- 14 (8) Journey worker industrial electrician: To be eligible
15 for the journey worker industrial electrician
16 examination, an applicant shall be at least eighteen
17 years of age and shall provide satisfactory evidence
18 of experience in industrial electrical work of at
19 least five years full-time or its equivalent, but not
20 less than ten thousand hours;



1 (9) Supervising industrial electrician: To be eligible
2 for the supervising industrial electrician
3 examination, an applicant shall have been registered
4 with the board as a journey worker industrial
5 electrician for a period of at least four years or
6 shall have equivalent experience in the trade.

7 (b) Effective July 1, 2013, an applicant for licensing
8 pursuant to this chapter shall possess the following minimum
9 qualifications:

10 (1) Journey worker electrician: To be eligible for the
11 journey worker electrician examination, an applicant
12 shall be at least eighteen years of age and shall
13 provide satisfactory evidence of:

14 (A) Experience in residential or commercial wiring of
15 at least five years full-time or its equivalent,
16 but not less than ten thousand hours, in the
17 trade under the supervision of a journey worker
18 or supervising electrician; and

19 (B) Satisfactory completion, accepted by a University
20 of Hawaii community college offering an



1 appropriate program of study, of two hundred
2 forty hours of electrical academic coursework;

3 (2) Journey worker specialty electrician: To be eligible
4 for the journey worker specialty electrician
5 examination, an applicant shall be at least eighteen
6 years of age and shall provide satisfactory evidence
7 of:

8 (A) Experience of at least three years full-time or
9 its equivalent, but not less than six thousand
10 hours, in the trade under the supervision of a
11 journey worker electrician, supervising
12 electrician, journey worker specialty
13 electrician, or supervising specialty
14 electrician; and

15 (B) Satisfactory completion, accepted by a University
16 of Hawaii community college offering an
17 appropriate program of study, of one hundred
18 twenty hours of electrical academic coursework;

19 (3) Supervising electrician: To be eligible for the
20 supervising electrician examination, an applicant
21 shall have been registered with the board as a journey



1 worker electrician for at least a period of four years
2 or shall have equivalent experience in the trade[7]
3 and shall provide to the board satisfactory evidence
4 of completed training on the most recent edition of
5 the National Fire Protection Association's NFPA 70E:
6 Standard for Electrical Safety in the Workplace;

7 (4) Supervising specialty electrician: To be eligible for
8 the supervising specialty electrician examination, an
9 applicant shall have been registered with the board as
10 a journey worker specialty electrician for at least a
11 period of two years or shall have equivalent
12 experience in the trade;

13 (5) Journey worker plumber: To be eligible for the
14 journey worker plumber examination, an applicant shall
15 provide satisfactory evidence of experience of at
16 least five years' full-time or its equivalent, but not
17 less than ten thousand hours, as a journey worker's or
18 master plumber's helper;

19 (6) Master plumber: To be eligible for the master plumber
20 examination, an applicant shall have been registered
21 with the board as a journey worker plumber for at



1 least two years or shall have equivalent experience in
2 the trade;

3 (7) Maintenance electrician: To be eligible for the
4 maintenance electrician examination, an applicant
5 shall be not less than eighteen years of age and shall
6 provide satisfactory evidence of:

7 (A) At least one year of experience in performing
8 electrical maintenance work plus satisfactory
9 completion, accepted by a University of Hawaii
10 community college offering an appropriate program
11 of study, of at least eighty hours of electrical
12 academic coursework; or

13 (B) Two years of schooling in the electrical trade
14 with not less than one thousand hours of hands-on
15 lab exercises;

16 (8) Journey worker industrial electrician: To be eligible
17 for the journey worker industrial electrician
18 examination, an applicant shall be at least eighteen
19 years of age and shall provide satisfactory evidence
20 of:



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1 (A) Experience in industrial electrical work of at
2 least four years full-time or its equivalent, but
3 not less than eight thousand hours; and

4 (B) Satisfactory completion, as accepted by a
5 University of Hawaii community college offering
6 an appropriate program of study, of two hundred
7 hours of electrical academic coursework; and

8 (9) Supervising industrial electrician: To be eligible
9 for the supervising industrial electrician
10 examination, an applicant shall have been registered
11 with the board as a journey worker industrial
12 electrician for a period of at least three years or
13 shall have equivalent experience in the trade."

14 SECTION 2. Statutory material to be repealed is bracketed
15 and stricken. New statutory material is underscored.

16 SECTION 3. This Act shall take effect upon its approval.

17

INTRODUCED BY: _____



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Report Title:

Electricians; Supervising Electricians; Safety Training;
Licensure

Description:

Requires supervising electricians, as a condition of licensure, to submit satisfactory evidence of completed training on the most recent edition of the National Fire Protection Association's NFPA 70E: Standard for Electrical Safety in the Workplace.

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