

LEGISLATURE OF NEBRASKA
ONE HUNDRED SIXTH LEGISLATURE
SECOND SESSION

LEGISLATIVE BILL 1174

Introduced by Briese, 41.

Read first time January 23, 2020

Committee: General Affairs

- 1 A BILL FOR AN ACT relating to the State Electrical Act; to amend sections
- 2 81-2112 and 81-2116, Reissue Revised Statutes of Nebraska, section
- 3 81-2102, Revised Statutes Cumulative Supplement, 2018, and section
- 4 81-2108, Revised Statutes Supplement, 2019; to redefine a term; to
- 5 provide requirements for supervision of apprentices; to provide and
- 6 change provisions regarding special electrician licenses; to
- 7 harmonize provisions; and to repeal the original sections.
- 8 Be it enacted by the people of the State of Nebraska,

1 Section 1. Section 81-2102, Revised Statutes Cumulative Supplement,
2 2018, is amended to read:

3 81-2102 For purposes of the State Electrical Act, unless the context
4 otherwise requires:

5 (1) Apprentice electrician means any person, other than a licensee,
6 who, as such person's principal occupation, is engaged in learning and
7 assisting in the installation, alteration, and repair of electrical
8 equipment as an employee of a licensee and who is registered with the
9 board. For purposes of this subdivision, persons who are not engaged in
10 the installation, alteration, or repair of electrical wiring and
11 apparatus, either inside or outside buildings, shall not be considered
12 apprentice electricians;

13 (2) Board means the State Electrical Board;

14 (3) Class A master electrician means a person having the necessary
15 qualifications, training, experience, and technical knowledge to properly
16 plan, lay out, and supervise the installation of wiring, apparatus, and
17 equipment for electric light, heat, power, and other purposes and who is
18 licensed by the board;

19 (4) Class B electrical contractor means a person having the
20 necessary qualifications, training, experience, and technical knowledge
21 to properly plan, lay out, install, and supervise the installation of
22 wiring, apparatus, and equipment for systems of not over four hundred
23 ampere capacity for light, heat, power, and other purposes in any
24 structure used and maintained as a residential dwelling but not larger
25 than a four-family dwelling located in any municipality which has a
26 population of less than one hundred thousand inhabitants as determined by
27 the most recent federal decennial census or the most recent revised
28 certified count by the United States Bureau of the Census and who is
29 licensed by the board;

30 (5) Class B journeyman electrician means a person having the
31 necessary qualifications, training, experience, and technical knowledge

1 to wire for or install electrical wiring, apparatus, and equipment for
2 systems of not over four hundred ampere capacity for light, heat, power,
3 and other purposes in any structure used and maintained as a residential
4 dwelling but not larger than a four-family dwelling located in any
5 municipality which has a population of less than one hundred thousand
6 inhabitants as determined by the most recent federal decennial census or
7 the most recent revised certified count by the United States Bureau of
8 the Census and who is licensed by the board;

9 (6) Class B master electrician means a person having the necessary
10 qualifications, training, experience, and technical knowledge to properly
11 plan, lay out, and supervise the installation of wiring, apparatus, and
12 equipment for systems of not over four hundred ampere capacity for light,
13 heat, power, and other purposes in any structure used and maintained as a
14 residential dwelling but not larger than a four-family dwelling located
15 in any municipality which has a population of less than one hundred
16 thousand inhabitants as determined by the most recent federal decennial
17 census or the most recent revised certified count by the United States
18 Bureau of the Census and who is licensed by the board;

19 (7) Commercial installation means an installation intended for
20 commerce, but does not include a residential installation;

21 (8) Electrical contractor means a person having the necessary
22 qualifications, training, experience, and technical knowledge to properly
23 plan, lay out, install, and supervise the installation of wiring,
24 apparatus, and equipment for electric light, heat, power, and other
25 purposes and who is licensed by the board;

26 (9) Fire alarm installer means any person having the necessary
27 qualifications, training, and experience to plan, lay out, and install
28 electrical wiring, apparatus, and equipment for only those components of
29 fire alarm systems that operate at fifty volts or less and who is
30 licensed by the board;

31 (10) Industrial installation means an installation intended for use

1 in the manufacture or processing of products involving systematic labor
2 or habitual employment and includes installations in which agricultural
3 or other products are habitually or customarily processed or stored for
4 others, either by buying or reselling on a fee basis;

5 (11) Installer means a person who has the necessary qualifications,
6 training, experience, and technical knowledge to properly lay out and
7 install electrical wiring, apparatus, and equipment for major electrical
8 home appliances on the load side of the main service in any municipality
9 which has a population of less than one hundred thousand inhabitants as
10 determined by the most recent federal decennial census or the most recent
11 revised certified count by the United States Bureau of the Census and who
12 is licensed by the board;

13 (12) Inspector means a person certified as an electrical inspector
14 upon such reasonable conditions as may be adopted by the board. The board
15 may permit more than one class of electrical inspector;

16 (13) Journeyman electrician means a person having the necessary
17 qualifications, training, experience, and technical knowledge to wire for
18 or install electrical wiring, apparatus, and equipment and to supervise
19 apprentice electricians and who is licensed by the board;

20 (14) New electrical installation means the installation of wiring,
21 apparatus, and equipment for electric light, heat, power, and other
22 purposes;

23 (15) Public-use building or facility means any building or facility
24 designated for public use;

25 (16) Residential installation means an installation intended for a
26 single-family or two-family residential dwelling or a multi-family
27 residential dwelling not larger than three stories in height;

28 (17) Residential journeyman electrician means a person having the
29 necessary qualifications, training, experience, and technical knowledge
30 to wire for or install electrical wiring, apparatus, and equipment for
31 residential installations and to supervise apprentice electricians and

1 who is licensed by the board;

2 (18) Routine maintenance means the repair or replacement of existing
3 electrical apparatus and equipment of the same size and type for which no
4 changes in wiring are made; and

5 (19) Special electrician means a person having the necessary
6 qualifications, training, and experience in wiring or installing special
7 classes of electrical wiring, apparatus, equipment, or installations,
8 which shall include irrigation system wiring, well pump wiring, air
9 conditioning and refrigeration installation, ~~and~~ sign installation, and
10 any other class approved pursuant to section 81-2112, and who is licensed
11 by the board.

12 Sec. 2. Section 81-2108, Revised Statutes Supplement, 2019, is
13 amended to read:

14 81-2108 (1) Except as provided in subsection (2) of this section or
15 in section 81-2110, 81-2112, or 81-2144, no person shall, for another,
16 wire for or install electrical wiring, apparatus, or equipment unless he
17 or she is licensed by the board as a Class B electrical contractor, an
18 electrical contractor, a Class A master electrician, a Class B master
19 electrician, or a fire alarm installer.

20 (2)(a) ~~(2)~~ Except as provided in section 81-2106, 81-2110, 81-2112,
21 or 81-2144, no person shall wire for or install electrical wiring,
22 apparatus, or equipment or supervise an apprentice electrician unless
23 such person is licensed as a Class B journeyman electrician, a journeyman
24 electrician, a residential journeyman electrician, or a fire alarm
25 installer and is employed by a Class B electrical contractor, an
26 electrical contractor, a Class A master electrician, a Class B master
27 electrician, or a fire alarm installer.

28 (b) For purposes of this section, the holder of a fire alarm
29 installer license shall only supervise those apprentices engaged in the
30 installation of fire alarm equipment and apparatus operating at fifty
31 volts or less. A fire alarm installer licensee may supervise up to three

1 apprentices.

2 (3) No person licensed under the State Electrical Act may lend his
3 or her license to any person or knowingly permit the use of such license
4 by another.

5 Sec. 3. Section 81-2112, Reissue Revised Statutes of Nebraska, is
6 amended to read:

7 81-2112 (1) The board shall adopt and promulgate rules and
8 regulations to ~~by rule or regulation~~ provide for the issuance of special
9 electrician licenses empowering the licensee to engage in a limited class
10 or classes of electrical work. ~~The~~ ~~,~~ ~~which~~ class or classes shall be
11 specified on the license. Each licensee shall have experience, acceptable
12 to the board, in each such limited class of work for which the licensee
13 ~~he~~ is licensed.

14 (2) The special electrician licenses shall include, but not be
15 limited to, the following specialty licenses and, except as otherwise
16 provided in subsection (3) of this section, requirements:

17 (a) Irrigation system electrician license that authorizes the
18 licensee to install, service, and connect electrical wiring and
19 components of a center-pivot-type irrigation system. In order to qualify
20 for the license, an applicant shall have two years' documented experience
21 and pass an examination if required by the board;

22 (b) Sign installer license that authorizes the licensee to connect
23 power to a sign if the voltage does not exceed the voltage and amperage
24 authorized by the board. In order to qualify for the license, an
25 applicant shall have six months' documented experience and pass an
26 examination if required by the board;

27 (c) Solar electrician license that authorizes the licensee to plan,
28 install, connect, and repair solar electric systems as authorized by the
29 board. In order to qualify for the license, an applicant shall have two
30 years' documented experience and pass an examination if required by the
31 board; and

1 (d) Type S journeyman electrician license that authorizes the
2 licensee to hang electrical conduit and pull electrical wire as
3 authorized by the board. In order to qualify for the license, an
4 applicant shall have six months' documented experience and pass an
5 examination if required by the board.

6 (3) In lieu of the requirements specified in subsection (2) of this
7 section, the board may consider any relevant education, certification, or
8 experience that is acceptable to the board for a special electrician
9 license.

10 (4) A special electrician licensee may supervise up to three
11 apprentices for the same specialty electrician license.

12 Sec. 4. Section 81-2116, Reissue Revised Statutes of Nebraska, is
13 amended to read:

14 81-2116 Any person having been examined and having submitted
15 satisfactory evidence that he or she is qualified to undertake and
16 perform work in his or her trade or skill, to the end that any such work
17 will be safely and properly accomplished and installed in accordance with
18 approved standards, based upon minimum standards adopted by the board
19 pursuant to section 81-2104 or 81-2112 for such work, shall be licensed
20 as provided in the State Electrical Act.

21 Sec. 5. Original sections 81-2112 and 81-2116, Reissue Revised
22 Statutes of Nebraska, section 81-2102, Revised Statutes Cumulative
23 Supplement, 2018, and section 81-2108, Revised Statutes Supplement, 2019,
24 are repealed.