

1 H.175

2 Introduced by Representatives McCullough of Williston and Webb of

3 Shelburne

4 Referred to Committee on

5 Date:

6 Subject: Professions and occupations; electricians and electrical installations;

7 energizing installations

8 Statement of purpose of bill as introduced: This bill proposes to require that
9 any existing electrical installation that is disconnected as a result of an
10 emergency affecting the internal electrical circuits not be reconnected until it
11 has been inspected by a licensed journeyman or master electrician.

12 An act relating to electrical installations

13 It is hereby enacted by the General Assembly of the State of Vermont:

14 Sec. 1. 26 V.S.A. § 894 is amended to read:

15 § 894. ENERGIZING INSTALLATIONS; REENERGIZING AFTER
16 EMERGENCY DISCONNECTION

17 (a) A new electrical installation in or on a complex structure; or an
18 electrical installation used for the testing or construction of a complex structure
19 shall not be connected or caused to be connected; to a source of electrical
20 energy unless prior to ~~such~~ the connection, either a temporary or a permanent

1 energizing permit is issued for that installation by the ~~commissioner~~
2 Commissioner or an electrical inspector.

3 (b) An existing electrical installation in any structure, including a
4 single-family owner-occupied freestanding residence, disconnected as the
5 result of an emergency that affects the internal electrical circuits shall not be
6 reconnected to a source of electrical energy until the electrical installation has
7 been inspected and determined to be safe by a licensed journeyman or licensed
8 master electrician.

9 (c) This section shall not be construed to limit or interfere with a
10 contractor's right to receive payment for electrical work for which a certificate
11 of completion has been granted.

12 Sec. 2. 26 V.S.A. § 904(a) is amended to read:

13 (a) To be eligible for licensure as a type-S journeyman, an applicant shall:

14 (1) complete an accredited training and experience program recognized
15 by the ~~board~~ Board; or

16 (2) have had training and experience, within or ~~without~~ outside this ~~state~~
17 State, acceptable to the ~~board~~ Board; and

18 (3) pass an examination to the satisfaction of the ~~board~~ Board in one or
19 more of the following fields:

20 (A) ~~Automatic~~ automatic gas or oil heating;

21 (B) ~~Outdoor~~ outdoor advertising;

- 1 (C) ~~Refrigeration~~ refrigeration or air conditioning;
- 2 (D) ~~Appliance~~ appliance and motor repairs;
- 3 (E) ~~Well~~ well pumps;
- 4 (F) ~~Farm~~ farm equipment;
- 5 (G) renewable energy systems for one- and two-family dwellings;
- 6 (H) ~~Any~~ any miscellaneous specified area of specialized competence.

7 Sec. 3. 26 V.S.A. § 910 is amended to read:

8 § 910. LICENSE NOT REQUIRED

9 A license shall not be required for the following types of work:

- 10 (1) ~~Any~~ any electrical work, including construction, installation,
- 11 operation, maintenance, and repair of electrical installations in, on, or about
- 12 equipment or premises, which are owned or leased by the operator of any
- 13 industrial or manufacturing plant, if the work is done under the supervision of
- 14 an electrical engineer or master electrician in the employ of the operator;
- 15 (2) ~~Installation~~ installation in laboratories of exposed electrical wiring
- 16 for experimental purposes only;
- 17 (3) ~~Any~~ any electrical work by ~~an~~ the owner ~~or his or her regular~~
- 18 employees and his or her unpaid assistants in the ~~owner's~~ owner-occupied
- 19 freestanding single unit residence, ~~in~~ and outbuildings accessory to ~~such~~ the
- 20 freestanding single unit residence or any structure on owner-occupied farms;

1 (4) ~~Electrical~~ electrical installations performed as a part of a training
2 project of a vocational school or other educational institution. However, the
3 installation shall be inspected if the building in which the installation is made,
4 is to be used as a “complex structure”;

5 (5) ~~Electrical~~ electrical work performed by an electrician’s helper under
6 the direct supervision of a person who holds an appropriate license issued
7 under this chapter;

8 (6) ~~Any electrical work in a building used for dwelling or residential~~
9 ~~purposes which contains no more than two dwelling units.~~

10 (7) ~~Installation~~ installation of solar electric modules and racking on
11 complex structures to the point of connection to field-fabricated wiring and
12 erection of net metered wind turbines.

13 Sec. 4. TRANSITIONAL PROVISIONS

14 In order to provide time for the Electrical Licensing Board to develop and
15 conduct a test for a type-S journeyman’s license for renewable energy
16 installation and for renewable energy installers to complete the licensing
17 requirements, a license shall not be required for renewable energy installations
18 until 12 months after the Electrical Licensing Board adopts the test and
19 licensing procedure.

20 Sec. 5. EFFECTIVE DATE

21 This act shall take effect on passage.