

1 H.108

2 Introduced by Representatives Shaw of Pittsford and Stevens of Waterbury

3 Referred to Committee on

4 Date:

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

7 Statement of purpose of bill as introduced: This bill proposes to require that
8 any existing electrical circuit that is disconnected after an electrical emergency
9 may not be reconnected until inspected by a master or journeyman electrician.

10 An act relating to electrical installations

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

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

13 § 894. ENERGIZING INSTALLATIONS; REENERGIZING AFTER
14 EMERGENCY DISCONNECTION

15 (a) A new electrical installation in or on a complex structure or an electrical
16 installation used for the testing or construction of a complex structure shall not
17 be connected or caused to be connected; to a source of electrical energy unless
18 prior to ~~such~~ the connection; either a temporary or a permanent energizing
19 permit is issued for that installation by the ~~commissioner~~ Commissioner or an
20 electrical inspector.

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

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

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

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

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

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

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

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

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

21 (C) ~~Refrigeration~~ refrigeration or air conditioning;

- 1 (D) ~~Appliance~~ appliance and motor repairs;
- 2 (E) ~~Well~~ well pumps;
- 3 (F) ~~Farm~~ farm equipment;
- 4 (G) ~~Any~~ any miscellaneous specified area of specialized competence.

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

6 § 910. LICENSE NOT REQUIRED

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

- 8 (1) Any electrical work, including construction, installation, operation,
9 maintenance, and repair of electrical installations in, on, or about equipment or
10 premises, which are owned or leased by the operator of any industrial or
11 manufacturing plant, if the work is done under the supervision of an electrical
12 engineer or master electrician in the employ of the operator;
- 13 (2) Installation in laboratories of exposed electrical wiring for
14 experimental purposes only;
- 15 (3) Any electrical work by ~~an~~ the owner ~~or his or her regular employees~~
16 in the ~~owner's~~ owner-occupied, freestanding single unit residence, ~~in~~ or duplex
17 as defined in subdivision (6) of this section and outbuildings accessory to ~~such~~
18 the freestanding, single unit residence, ~~or any structure on owner-occupied~~
19 farms;
- 20 (4) Electrical installations performed as a part of a training project of a
21 vocational school or other educational institution. However, the installation

1 shall be inspected if the building in which the installation is made, is to be used
2 as a “complex ~~structure~~”; structure.”

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

6 (6) Any electrical work in a building used for ~~dwelling or residential~~
7 purposes which contains no more than two dwelling units, provided that at
8 least one unit is owner-occupied.

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

12 (8) Installation of solar electric systems, including modules, racking,
13 and inverters, and the balance of the system on freestanding, single-family and
14 two-family dwellings up to and including the point of connection with the
15 existing electrical system, that connection being one or more back-fed breakers
16 in an existing breaker panel.

17 Sec. 4. EFFECTIVE DATE

18 This act shall take effect on passage.