

SENATE BILL NO. 895

June 04, 2024, Introduced by Senator CHERRY and referred to the Committee on Labor.

A bill to amend 2016 PA 407, entitled "Skilled trades regulation act," by amending sections 701, 711, 715, 717, 719, and 727 (MCL 339.5701, 339.5711, 339.5715, 339.5717, 339.5719, and 339.5727), section 701 as amended by 2018 PA 151.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

- 1 Sec. 701. As used in this article:
- 2 (a) "Apprentice electrician" means an individual other than an
- 3 electrical contractor, master electrician, or electrical

1 journeyman, who is engaged in learning about and assisting in the
2 installation or alteration of electrical wiring and equipment under
3 the direct, ~~personal~~**-on-site, in-person** supervision of an
4 electrical journeyman or master electrician.

5 (b) "Board" means the electrical administrative board
6 described in section 705.

7 (c) "Electrical contractor" means a person that is engaged in
8 the business of erecting, installing, altering, repairing,
9 servicing, or maintaining electrical wiring.

10 (d) "Electrical journeyman" means an individual other than an
11 electrical contractor who, as ~~his or her~~**the electrical**
12 **journeyman's** principal occupation, is engaged in the practical
13 installation or alteration of electrical wiring. An electrical
14 contractor or master electrician may also be an electrical
15 journeyman.

16 (e) "Electric sign" means fixed, stationary, or portable self-
17 contained, electrically illuminated equipment that has words or
18 symbols designed to convey information or attract attention.
19 Electric sign includes outline lighting. Electric sign does not
20 include those signs that are indoor or outdoor portable
21 applications or recognized holiday residential signs listed with a
22 recognized testing and approval agency and that use a cord cap-110
23 volt plug as the electrical energizing attachment method.

24 (f) "Electrical wiring" means all wiring, generating
25 equipment, fixtures, appliances, devices, and appurtenances in
26 connection with the generation, distribution, and utilization of
27 electrical energy, in or on a building, residence, structure, or
28 properties, regardless of whether or not the electrical wiring is
29 energized at the time of installation. The term includes service

1 entrance wiring as defined in the Michigan electrical code.

2 (g) "Fire alarm contractor" means a person that is engaged in
3 the business of erecting, installing, altering, repairing,
4 servicing, or maintaining wiring, devices, appliances, or equipment
5 of a fire alarm system.

6 (h) "Fire alarm specialty apprentice technician" means an
7 individual other than a fire alarm contractor or a fire alarm
8 specialty technician who is engaged in learning about and assisting
9 in the installation or alteration of fire alarm system wiring and
10 equipment under the direct, ~~personal~~**-on-site, in-person** supervision
11 of a fire alarm specialty technician.

12 (i) "Fire alarm specialty licensure" means licensure as a fire
13 alarm contractor or a fire alarm specialty or apprentice
14 technician.

15 (j) "Fire alarm specialty technician" means an individual
16 other than a fire alarm contractor who, as ~~his or her~~**the fire**
17 **alarm specialty technician's** principal occupation, is engaged in
18 the design and practical installation or alteration of fire alarm
19 systems. An individual who is a fire alarm contractor may also be a
20 fire alarm specialty technician.

21 (k) "Fire alarm system" means a system that is designed to
22 detect and annunciate the presence of fire, or by-products of fire,
23 installed in a building or structure. Fire alarm system does not
24 include a single station smoke detector.

25 Sec. 711. **(1)** The department shall issue an electrical
26 contractor's license to a person that meets the requirements
27 described in article 2 and either of the following:

28 (a) Is an individual who holds a master electrician's license.

29 (b) Has at least 1 full-time employee who is a master

1 electrician, resides in this state, and is actively in charge of
2 and responsible for Michigan electrical code compliance of all
3 installations of electrical wiring and equipment.

4 (2) If an electrical contractor's license is issued to a
5 person that meets the requirements of subsection (1) (b), the
6 electrical contractor and the master electrician employed by the
7 electrical contractor are jointly and severally responsible for the
8 supervision or control of all electrical wiring operations
9 necessary to secure compliance with this article, the rules
10 promulgated under this article, and all other laws and rules
11 related to the installation of electrical wiring and equipment.

12 (3) If the master electrician described under subsection
13 (1) (b) ceases to be employed by the electrical contractor, not less
14 than 30 days after the end of the master electrician's employment,
15 the electrical contractor must employ another master electrician to
16 be actively in charge of and responsible for Michigan electrical
17 code compliance of all installations of electrical wiring and
18 equipment. The electrical contractor shall notify the department in
19 writing of the change in master electricians.

20 Sec. 715. (1) The department shall issue an electrical
21 journeyman's license to any individual who is ~~at least~~ **not less**
22 **than** 20 years old, meets the requirements described in article 2,
23 and meets either of the following:

24 (a) Has ~~at least~~ **not less than** 8,000 hours of experience
25 obtained over a period of ~~at least~~ **not less than** 4 years related to
26 electrical construction or maintenance of buildings or electrical
27 wiring or equipment ~~under the direct supervision of an individual~~
28 ~~who is licensed under this article.~~ **as an apprentice electrician**
29 **registered under section 717.**

1 (b) While on active duty in the armed forces, served as an
2 interior electrician or in an equivalent job classification; was
3 honorably discharged from that military service in the 1-year
4 period preceding the date the license application is filed; and
5 has, and provides with ~~his or her~~ **the applicant's** application, an
6 affidavit signed by a commanding officer, supervisor, or military
7 superior with direct knowledge of the applicant's service that
8 states that ~~he or she~~ **the applicant** has, ~~at least~~ **not less than**
9 8,000 hours of entry-level experience in and basic knowledge of
10 each of the following:

11 (i) General knowledge of the electrical trade, including
12 terminology and the ability to make practical calculations.

13 (ii) The determination of system and circuit grounding and
14 design and use requirements for grounding, including choosing
15 proper size grounding conductors.

16 (iii) Knowledge of circuit classifications and ratings and
17 design and use requirements for circuits, including branch circuit
18 loads.

19 (iv) The determination of ampacity, type of insulation, usage
20 requirements, methods of installation, protection, support, and
21 termination.

22 (v) Knowledge regarding the installation of motors and control
23 circuits.

24 (vi) The calculation of electrical loads and determination of
25 proper size, rating, and type of service and feeder conductors.

26 (vii) Knowledge regarding fuses, circuit breakers, and all
27 types of protective devices for conductors and equipment.

28 (viii) Knowledge of all types of raceways and their uses,
29 including determining proper size, conductor fill, support, and

1 methods of installation.

2 (ix) Knowledge of circuits and equipment characterized by usage
3 and electrical power limitations, including differentiating them
4 from electric light and power circuits.

5 (x) Knowledge of all types and applications of lighting
6 fixtures, ratings, requirements for occupancies, special
7 provisions, and clearances.

8 (2) If an applicant who otherwise meets the requirements of
9 subsection (1) (b) has not attained 8,000 hours of entry-level
10 experience or does not have basic knowledge in each of the areas
11 described in subsection (1) (b) (i) to (x), ~~he or she~~ **the applicant**
12 may provide with ~~his or her~~ **the applicant's** application an
13 affidavit signed by a commanding officer, supervisor, or military
14 superior with direct knowledge of the applicant's service that
15 states the amount of experience the applicant has attained and of
16 which of the areas described in subsection (1) (b) (i) to (x) the
17 applicant has basic knowledge, and the department may in its
18 discretion grant the applicant credit toward the 8,000-hour
19 experience requirement of subsection (1) (a) based on the
20 applicant's experience.

21 (3) If an applicant fails to pass the electrical journeyman
22 examination 2 times within a period of 2 years, the applicant is
23 ineligible to sit for another examination until a period of at
24 least 1 year after the date of failure of the second examination.
25 After that 1-year period, ~~he or she~~ **the applicant** is again eligible
26 to sit for an electrical journeyman's license if ~~he or she~~ **the**
27 **applicant** presents to the board proof of the successful completion
28 of a course on Michigan electrical code, electrical fundamentals,
29 or electrical theory approved by the board.

1 (4) As a condition of renewal of an electrical journeyman's
2 license, the electrical journeyman must demonstrate the successful
3 completion of a course, approved by the board, concerning any
4 update or change in the state construction code within 12 months
5 after the update or change in that code. This requirement applies
6 only during or after those years that the state construction code
7 is updated or changed.

8 Sec. 717. (1) An individual who is employed as an apprentice
9 electrician shall register with the board on a form provided by the
10 board ~~within~~ **not later than** 30 days after employment.

11 (2) The department shall issue a certificate of registration
12 to an individual who is seeking registration under this section if
13 it receives satisfactory proof of the individual's participation in
14 an apprenticeship training program that is approved by the board
15 under subsection (4).

16 (3) The ratio of electrical journeymen or master electricians
17 to registered apprentice electricians ~~shall be~~ **is** on the basis of 1
18 electrical journeyman or master electrician to ~~no~~ **not** more than ~~3-1~~
19 registered apprentice electricians. ~~electrician~~. The department or
20 an enforcing agency shall enforce the ratio on a jobsite basis.

21 (4) For the purposes of this section, the board shall approve
22 any bona fide apprenticeship training program that complies with
23 subsection (3) and, excluding any requirements related to jobsite
24 ratios that are inconsistent with subsection (3), is equivalent to
25 or exceeds the requirements of those imposed by the Office of
26 Apprenticeship in the United States Department of Labor.

27 (5) **If an electrical contractor violates subsection (3), the**
28 **electrical contractor is subject to punishment under subsection**
29 **(6). If an individual who holds a master electrician's license as**

1 described in section 711(b) violates subsection (3), both the
2 individual who holds a master electrician's license as described in
3 section 711(b) and the electrical contractor that employs the
4 individual are subject to punishment under subsection (6).

5 (6) A person that violates subsection (3) is subject to the
6 following punishments:

7 (a) For a first violation, a \$5,000.00 administrative fine.

8 (b) For a second violation, a \$10,000.00 administrative fine.

9 (c) For a third violation, a suspension, for not less than 90
10 days, of the electrical contractor's master electrician's license,
11 if applicable, or the master electrician's license of the
12 individual who holds a master electrician's license as described in
13 section 711(b). After 90 days, the license may be reinstated if the
14 applicable individual passes the master electrician examination
15 described in section 713.

16 (7) The department shall pay any money collected under this
17 section for an administrative fine to the enforcing agency that
18 discovered the violation that resulted in the administrative fine.

19 (8) If the department issues an order for a violation of this
20 section, the department is entitled to actual costs and attorney
21 fees related to the investigation and adjudication of the
22 violation.

23 Sec. 719. (1) Subject to section 731(3), the department shall
24 issue a fire alarm contractor's license to a person that meets the
25 requirements described in article 2 and meets either of the
26 following:

27 (a) Is an individual who holds a fire alarm specialty
28 technician's license.

29 (b) Has at least 1 full-time employee who is a fire alarm

1 specialty technician, resides in this state, and is actively in
2 charge of and responsible for Michigan electrical code compliance
3 of all installations of fire alarm system wiring and equipment.

4 (2) If a fire alarm contractor's license is issued to a person
5 that meets the requirements of subsection (1) (b), the fire alarm
6 contractor and the fire alarm specialty technician employed by the
7 fire alarm contractor are jointly and severally responsible for the
8 supervision or control of all fire alarm system wiring operations
9 necessary to secure compliance with this article, the rules
10 promulgated under this article, and all other laws and rules
11 related to the installation of fire alarm system wiring and
12 equipment.

13 (3) If the fire alarm specialty technician described under
14 subsection (1) (b) ceases to be employed by the fire alarm
15 contractor, not less than 30 days after the end of the fire alarm
16 specialty technician's employment, the fire alarm contractor must
17 employ another fire alarm specialty technician to be actively in
18 charge of and responsible for Michigan electrical code compliance
19 of all installations of fire alarm system wiring and equipment. The
20 fire alarm contractor shall notify the department in writing of the
21 change in fire alarm specialty technicians.

22 Sec. 727. (1) Subject to section 731(5), the department shall
23 issue a sign specialty contractor's license to a person that does
24 all of the following:

25 (a) Meets the requirements described in article 2.

26 (b) Meets 1 of the following:

27 (i) Is an individual who holds a sign specialist's license.

28 (ii) Has at least 1 full-time employee who is a sign
29 specialist, resides in this state, and is actively in charge of and

1 responsible for Michigan electrical code compliance of all
2 installations, maintenance, connection, and repair of electric
3 signs and related wiring.

4 (c) Provides evidence of public liability insurance coverage.

5 (2) If a sign specialty contractor's license is issued to a
6 person that meets the requirements of subsection (1) (b) (ii) , the
7 sign specialty contractor and the sign specialist employed by the
8 sign specialty contractor are jointly and severally responsible for
9 the supervision or control of all electric sign wiring operations
10 necessary to secure compliance with this article, the rules
11 promulgated under this article, and all other laws and rules
12 related to the installation of electric sign wiring and equipment.

13 (3) If the sign specialist described under subsection
14 (1) (b) (ii) ceases to be employed by the sign specialty contractor,
15 not less than 30 days after the end of the sign specialist's
16 employment, the sign specialty contractor must employ another sign
17 specialist to be actively in charge of and responsible for Michigan
18 electrical code compliance of all installations of electric sign
19 wiring and equipment. The sign specialty contractor shall notify
20 the department in writing of the change in sign specialists.

21 (4) A licensed electrical contractor is not required to have a
22 sign specialty.