

**SUBSTITUTE FOR
HOUSE BILL NO. 4125**

A bill to amend 2016 PA 407, entitled
"Skilled trades regulation act,"
by amending sections 701 and 737 (MCL 339.5701 and 339.5737),
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
4 journeyman, who is engaged in learning about and assisting in the
5 installation or alteration of electrical wiring and equipment under
6 the direct personal supervision of an electrical journeyman or
7 master electrician.

8 (b) "Board" means the electrical administrative board

described in section 705.

(c) "Electric sign" means fixed, stationary, or portable self-contained, electrically illuminated equipment that has words or symbols designed to convey information or attract attention.

Electric sign includes outline lighting. Electric sign does not include those signs that are indoor or outdoor portable applications or recognized holiday residential signs listed with a recognized testing and approval agency and that use a cord cap-110 volt plug as the electrical energizing attachment method.

(d) ~~(e)~~ "Electrical contractor" means a person that is engaged in the business of erecting, installing, altering, repairing, servicing, or maintaining electrical wiring.

(e) "Electrical energy supply agency" means any of the following:

(i) An electric utility as that term is defined in section 2 of the electric transmission line certification act, 1995 PA 30, MCL 460.562.

(ii) An independent transmission company as that term is defined in section 2 of the electric transmission line certification act, 1995 PA 30, MCL 460.562.

(iii) A municipal electric utility system as that term is defined in section 4 of the Michigan energy employment act of 1976, 1976 PA 448, MCL 460.804.

(iv) An electric cooperative utility engaged in the transmission or distribution of electric service and the cooperative's subsidiaries, affiliates, contractors, or subcontractors.

(f) ~~(d)~~ "Electrical journeyman" means an individual other than an electrical contractor who, as his or her principal occupation,

1 is engaged in the practical installation or alteration of
2 electrical wiring. An electrical contractor or master electrician
3 may also be an electrical journeyman.

4 ~~(e) "Electric sign" means fixed, stationary, or portable self-~~
5 ~~contained, electrically illuminated equipment that has words or~~
6 ~~symbols designed to convey information or attract attention.~~
7 ~~Electric sign includes outline lighting. Electric sign does not~~
8 ~~include those signs that are indoor or outdoor portable~~
9 ~~applications or recognized holiday residential signs listed with a~~
10 ~~recognized testing and approval agency and that use a cord cap 110~~
11 ~~volt plug as the electrical energizing attachment method.~~

12 (g) ~~(f)~~ "Electrical wiring" means all wiring, generating
13 equipment, fixtures, appliances, devices, and appurtenances in
14 connection with the generation, distribution, and utilization of
15 electrical energy, in or on a building, residence, structure, or
16 properties, regardless of whether ~~or not~~ the electrical wiring is
17 energized at the time of installation. The term includes service
18 entrance wiring as defined in the Michigan electrical code.

19 (h) ~~(g)~~ "Fire alarm contractor" means a person that is engaged
20 in the business of erecting, installing, altering, repairing,
21 servicing, or maintaining **the wiring, or the associated** devices,
22 appliances, or equipment of a fire alarm system.

23 (i) ~~(h)~~ "Fire alarm specialty apprentice technician" means an
24 individual other than a fire alarm contractor or a fire alarm
25 specialty technician who is engaged in learning about and assisting
26 in the installation or alteration of fire alarm system wiring and
27 equipment under the direct personal supervision of a fire alarm
28 specialty technician.

29 (j) ~~(i)~~ "Fire alarm specialty licensure" means licensure as a

1 fire alarm contractor or a fire alarm specialty or apprentice
2 technician.

3 (k) ~~(j)~~—"Fire alarm specialty technician" means an individual
4 other than a fire alarm contractor who, as his or her principal
5 occupation, is engaged in the design and practical installation or
6 alteration of fire alarm systems. An individual who is a fire alarm
7 contractor may also be a fire alarm specialty technician.

8 (l) ~~(k)~~—"Fire alarm system" means a system that is designed to
9 detect and annunciate the presence of fire, or by-products of fire,
10 installed in a building or structure. Fire alarm system does not
11 include a single station smoke detector.

12 Sec. 737. (1) Except as otherwise provided in **subsection (3)**,
13 **or elsewhere in** this article, ~~or in subsection (3)~~, a person shall
14 not engage in the business of electrical contracting unless the
15 person has received from the board or from the appropriate
16 municipality an electrical contractor's license.

17 (2) Except as otherwise provided in **subsection (3)**, **or**
18 **elsewhere in** this article, ~~or in subsection (3)~~, an individual,
19 other than an individual who is licensed under this article and
20 employed by and working under the direction of a holder of an
21 electrical contractor's license, shall not in any manner undertake
22 to execute any electrical wiring, **including, but not limited to,**
23 **electrical wiring of a renewable energy source as that term is**
24 **defined under section 10g of 1939 PA 3, MCL 460.10g.**

25 (3) A ~~licensee~~ **license** is not required to perform any of the
26 following classes of work:

27 (a) Minor repair work.

28 (b) The installation, alteration, repairing, rebuilding, or
29 remodeling of elevators, dumbwaiters, escalators, or man lifts

1 performed under a permit issued by an elevator inspection agency of
2 this state or a municipality of this state.

3 (c) The installation, alteration, or repair of electrical
4 equipment and its associated wiring installed on the premises of
5 consumers or subscribers by or for an electrical energy supply
6 **agency** or communication agency for use by that agency in the
7 generation, transmission, distribution, or metering of electrical
8 energy or for the operation of signals or transmission of
9 intelligence.

10 (d) The installation, alteration, or repair of electrical
11 wiring for the generation and primary distribution of electric
12 current, or the secondary distribution system up to and including
13 the meters, if that work is an integral part of the system owned
14 and operated by an ~~electric light and power utility~~ **electrical**
15 **energy supply agency** in rendering its duly authorized service.

16 (e) Any work involved in the manufacture of electric
17 equipment, including the testing and repairing of that manufactured
18 equipment.

19 (f) The installation, alteration, or repair of equipment and
20 its associated wiring for the generation or distribution of
21 electric energy for the operation of signals or transmission of
22 intelligence if that work is performed in connection with a
23 communication system owned or operated by a telephone or telegraph
24 company **or electrical energy supply agency** in rendering ~~its~~ **the**
25 **company's or agency's** authorized service. ~~as a telephone or~~
26 ~~telegraph company.~~

27 (g) Any installation, alteration, or repair of electrical
28 equipment by a homeowner in a single family home and accompanying
29 outbuildings owned and occupied or to be occupied by the individual

1 who is performing the installation, alteration, or repair of
2 electrical equipment.

3 (h) Any work involved in the use, maintenance, operation,
4 dismantling, or reassembling of motion picture and theatrical
5 equipment used in any building with approved facilities for
6 entertainment or educational use and that has the necessary
7 permanent wiring and floor and wall receptacle outlets designed for
8 the proper and safe use of that theatrical equipment, but not
9 including any permanent wiring.

10 (i) Work performed by a person that is licensed as a
11 mechanical contractor in a classification described in section
12 807(2)(a), (b), (d), (e), and (f), a person that is licensed as a
13 plumbing contractor under article 11, and employees of those
14 persons, while performing maintenance, service, repair,
15 replacement, alteration, modification, reconstruction, or upgrading
16 of control wiring circuits and electrical component parts in
17 existing mechanical systems defined in the Michigan mechanical code
18 and the Michigan plumbing code, including, but not limited to,
19 energy management systems, relays and controls on boilers, water
20 heaters, furnaces, air conditioning compressors and condensers, fan
21 controls, thermostats and sensors, and all interconnecting wiring
22 associated with the mechanical systems in buildings that are on the
23 load side of the unit disconnect, that is located on or immediately
24 adjacent to the equipment, except for life safety systems wiring.

25 (j) Electrical wiring associated with the installation,
26 removal, alteration, or repair of a water well pump on a single
27 family dwelling to the first point of attachment in the house from
28 the well, by a pump installer registered under part 127 of the
29 public health code, 1978 PA 368, MCL 333.12701 to 333.12771.

1 (k) The installation, maintenance, or servicing of security
2 alarm systems in a building or structure. As used in this
3 subdivision, "security alarm system" means that term as defined in
4 section ~~733(2)(e)~~. **733**.

5 (l) The installation, maintenance, or servicing of listed
6 residential and commercial lawn irrigation equipment, except any
7 permanent wired connections exceeding 30 volts.

8 (m) The installation, maintenance, or servicing of listed
9 landscape lighting systems and equipment, except any permanent
10 wired connections exceeding 30 volts.

11 (n) The installation, alteration, maintenance, or repair of
12 electric signs and related wiring by an unlicensed individual under
13 the direct supervision of a licensed sign specialist except that
14 the ratio of unlicensed individuals engaged in this activity ~~shall~~
15 **must** not exceed 2 unlicensed individuals to 1 licensed sign
16 specialist. An enforcing agency shall enforce this ratio on a
17 jobsite basis.

18 (o) The construction, installation, maintenance, repair, and
19 renovation of telecommunications equipment and related systems by a
20 person that is primarily engaged in the telecommunications and
21 related information systems industry. This exemption does not
22 include the construction, installation, maintenance, repair, or
23 renovation of a fire alarm system.

24 (p) **The alteration or repair of electrical equipment for the**
25 **generation of electric current of a renewable energy source as that**
26 **term is defined under section 10g of 1939 PA 3, MCL 460.10g, that**
27 **is not owned and operated by an electric energy supply agency.**

28 (q) Subject to section 717, the execution of electrical wiring
29 that is performed by unlicensed individuals, provided that this

- 1 work is performed by apprentice electricians under the supervision
- 2 of a licensed journeyman or licensed master electrician.