

By: Driver, et al.

H.B. No. 1487

Substitute the following for H.B. No. 1487:

By: Goolsby

C.S.H.B. No. 1487

A BILL TO BE ENTITLED

AN ACT

relating to the licensing and regulation of certain electricians;
providing penalties.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Title 8, Occupations Code, is amended by adding
Chapter 1305 to read as follows:

CHAPTER 1305. ELECTRICIANS

SUBCHAPTER A. GENERAL PROVISIONS

Sec. 1305.001. SHORT TITLE. This chapter may be cited as
the Texas Electrical Safety and Licensing Act.

Sec. 1305.002. DEFINITIONS. In this chapter:

(1) "Advisory board" means the Electrical Safety and
Licensing Advisory Board.

(2) "Commission" means the Texas Commission of
Licensing and Regulation.

(3) "Department" means the Texas Department of
Licensing and Regulation.

(4) "Electrical code" means the National Electrical
Code published by the National Fire Protection Association as
adopted by the commission.

(5) "Electrical contracting" means the business of
designing, installing, erecting, repairing, or altering electrical
wires or conductors to be used for light, heat, power, or signaling
purposes. The term includes the installation or repair of ducts,

1 raceways, or conduits for the reception or protection of wires or
2 conductors and the installation or repair of any electrical
3 machinery, apparatus, or system used for electrical light, heat,
4 power, or signaling.

5 (6) "Electrical contractor" means a person engaged in
6 electrical contracting.

7 (7) "Electrical engineer" means a person licensed
8 under Chapter 1001 who possesses the necessary qualifications,
9 training, and technical knowledge to perform electrical
10 engineering work in this state.

11 (8) "Electrical inspector" means a person certified by
12 the International Association of Electrical Inspectors or
13 International Code Council.

14 (9) "Electrical work" means any labor or material used
15 in installing, maintaining, or extending an electrical wiring
16 system and the appurtenances, apparatus, or equipment used in
17 connection with the use of electrical energy in, on, outside, or
18 attached to a building, residence, structure, property, or
19 premises. The term includes service entrance conductors as defined
20 by the National Electrical Code.

21 (10) "Executive director" means the executive
22 director of the department.

23 (11) "Residential wireman" means a person licensed
24 under this chapter who may only perform electrical installations in
25 single-family and multifamily dwellings not exceeding four
26 stories.

27 Sec. 1305.003. EXEMPTIONS; APPLICATION OF CHAPTER. (a)

1 This chapter does not apply to:

2 (1) the installation of electrical equipment in a
3 ship, watercraft other than a floating building, railway rolling
4 stock, aircraft, or a motor vehicle other than a mobile home or
5 recreational vehicle;

6 (2) the installation of electrical equipment
7 underground in a mine and in self-propelled mobile surface mining
8 machinery and its attendant electrical trailing cable;

9 (3) the installation of electrical equipment for
10 generation, transformation, transmission, or distribution of power
11 used exclusively to operate railway rolling stock or exclusively
12 for signaling and communications purposes;

13 (4) the installation, maintenance, alteration, or
14 repair of communications equipment provided by a
15 telecommunications provider;

16 (5) the installation of electrical equipment under the
17 exclusive control of an electric utility, electric cooperative, or
18 municipally owned utility and used for communications or metering,
19 or for the generation, control, transformation, transmission, and
20 distribution of electrical energy, and located:

21 (A) in a building used exclusively by a utility
22 for those purposes;

23 (B) outdoors on property owned or leased by the
24 utility;

25 (C) on public highways, streets, roads, or other
26 public rights-of-way; or

27 (D) outdoors by established rights on private

1 property;

2 (6) work not specifically regulated by a municipal
3 ordinance that is performed in or on a dwelling by a person who owns
4 and resides in the dwelling;

5 (7) work involved in the manufacture of electrical
6 equipment;

7 (8) electrical maintenance work involving the
8 removal, maintenance, or repair of existing electrical equipment
9 if:

10 (A) the work is performed by a person regularly
11 employed as a maintenance person at the building or premises;

12 (B) the work is performed in conjunction with the
13 business in which the person is employed; and

14 (C) the person does not engage in electrical work
15 for the public;

16 (9) the installation, maintenance, alteration, or
17 repair of electrical equipment or associated wiring under the
18 exclusive control of a gas utility and used for communications or
19 metering or for the control, transmission, or distribution of
20 natural gas;

21 (10) thoroughfare lighting, traffic signals,
22 intelligent transportation systems, and telecommunications
23 controlled by a governmental entity;

24 (11) electrical connections supplying heating,
25 ventilation, and cooling and refrigeration equipment, including
26 any required disconnect exclusively for the equipment, if the
27 service is performed by a licensed air conditioning and

1 refrigeration contractor under Chapter 1302;

2 (12) the design, installation, erection, repair, or
3 alteration of Class 1, Class 2, or Class 3 remote control,
4 signaling, or power-limited circuits, fire alarm circuits, optical
5 fiber cables, or communications circuits, including raceways, as
6 defined by the National Electrical Code;

7 (13) the installation and maintenance of irrigation
8 control systems;

9 (14) the installation and maintenance of low-voltage
10 exterior lighting and holiday lighting if the work does not involve
11 the power source; and

12 (15) a person who is employed by and performs
13 electrical work for a private industrial business, including a
14 chemical plant, petrochemical plant, refinery, natural gas plant,
15 or natural gas treating plant.

16 (b) This chapter applies to all premises wiring that
17 originates where an electric utility's facilities end and a
18 nonutility customer's electric facilities begin.

19 (c) This chapter applies to an installation in a building
20 used by a utility for purposes other than a purpose listed in this
21 section, including an office building, warehouse, garage, machine
22 shop, or recreational building that is not an integral part of a
23 generating plant, substation, or control center.

24 [Sections 1305.004-1305.050 reserved for expansion]

25 SUBCHAPTER B. ADVISORY BOARD

26 Sec. 1305.051. ELECTRICAL SAFETY AND LICENSING ADVISORY
27 BOARD. (a) The advisory board consists of nine members appointed

1 by the presiding officer of the commission with the approval of the
2 commission as follows:

- 3 (1) three master electrician members;
4 (2) three journeyman electrician members; and
5 (3) three public members.

6 (b) The advisory board members must include:

- 7 (1) two members who are affiliated with a statewide
8 association of electrical contractors not affiliated with a labor
9 organization;
10 (2) three members who are affiliated with a labor
11 organization; and
12 (3) one member who is not affiliated with a statewide
13 association of electrical contractors or with a labor organization.

14 (c) A licensed electrical engineer or an electrical
15 inspector may be appointed as a public member of the advisory board.

16 (d) An appointment to the advisory board shall be made
17 without regard to the race, color, disability, sex, religion, age,
18 or national origin of the appointee.

19 Sec. 1305.052. TERMS; VACANCIES. (a) Advisory board
20 members serve terms of six years, with the terms of three members
21 expiring on February 1 of each odd-numbered year.

22 (b) A member may not consecutively serve more than two full
23 terms.

24 (c) If a vacancy occurs during a term, the presiding officer
25 of the commission shall appoint a replacement who meets the
26 qualifications of the vacated position to serve for the remainder
27 of the term.

1 Sec. 1305.053. PRESIDING OFFICER. The presiding officer of
2 the commission shall appoint one of the advisory board members to
3 serve as presiding officer of the advisory board for a term of one
4 year. The presiding officer of the advisory board may vote on any
5 matter before the advisory board.

6 Sec. 1305.054. COMPENSATION; REIMBURSEMENT OF EXPENSES.
7 Advisory board members may not receive compensation but are
8 entitled to reimbursement for actual and necessary expenses
9 incurred in performing the functions of the advisory board, subject
10 to the General Appropriations Act.

11 Sec. 1305.055. MEETINGS. The advisory board shall meet
12 twice annually and may meet at other times at the call of the
13 presiding officer of the commission.

14 [Sections 1305.056-1305.100 reserved for expansion]

15 SUBCHAPTER C. POWERS AND DUTIES

16 Sec. 1305.101. GENERAL POWERS AND DUTIES. The executive
17 director or commission, as appropriate, shall:

18 (1) by rule establish the financial responsibility
19 requirements for electrical contractors;

20 (2) after publication of the National Electrical Code
21 by the National Fire Protection Association every three years,
22 adopt the revised National Electrical Code as the electrical code
23 for the state;

24 (3) establish reciprocity agreements with other
25 states that have licensing requirements substantially equivalent
26 to the requirements of this chapter; and

27 (4) take other action as necessary to administer and

1 enforce this chapter.

2 Sec. 1305.102. RULES. (a) The executive director shall
3 adopt rules for the licensing of electricians and electrical
4 contractors as prescribed by this chapter.

5 (b) The executive director by rule shall prescribe
6 descriptions of the types of activities that may be performed by
7 each class of license holder under this chapter.

8 (c) The executive director by rule shall adopt standards of
9 conduct requirements for license holders under this chapter.

10 Sec. 1305.103. FEES. The commission shall establish and
11 collect reasonable and necessary fees in amounts sufficient to
12 cover the costs of administering this chapter.

13 Sec. 1305.104. POWERS AND DUTIES OF ADVISORY BOARD. The
14 advisory board shall provide advice and recommendations to the
15 department on technical matters relevant to the administration and
16 enforcement of this chapter, including examination content,
17 licensing standards, electrical code requirements, and continuing
18 education requirements.

19 Sec. 1305.105. PERSONNEL. The department may employ
20 personnel necessary to administer and enforce this chapter. The
21 department shall employ an electrical occupations and code
22 specialist to oversee the electrical licensing and safety program.

23 [Sections 1305.106-1305.150 reserved for expansion]

24 SUBCHAPTER D. LICENSE REQUIREMENTS

25 Sec. 1305.151. LICENSE REQUIRED. A person may not perform
26 electrical work unless the person holds an appropriate license
27 issued or recognized under this chapter.

1 Sec. 1305.152. APPLICATION REQUIREMENTS. (a) An applicant
2 for a license under this chapter must:

3 (1) submit to the department a completed application
4 on a form prescribed by the executive director;

5 (2) submit to the department any other information
6 required by executive director rule;

7 (3) demonstrate to the satisfaction of the executive
8 director the appropriate amount of electrical work experience as
9 required by this subchapter;

10 (4) demonstrate the applicant's honesty,
11 trustworthiness, and integrity; and

12 (5) pay the application and examination fees.

13 (b) The executive director shall adopt rules to establish a
14 process by which the department shall evaluate the experience
15 required of applicants for a license under this chapter.

16 (c) The department may conduct an examination of any
17 criminal conviction of an applicant, including obtaining any
18 criminal history record information permitted by law.

19 Sec. 1305.153. REQUIREMENTS FOR MASTER ELECTRICIAN. An
20 applicant for a license as a master electrician must:

21 (1) have at least 12,000 hours of on-the-job training
22 under the supervision of a master electrician; and

23 (2) pass a master electrician examination
24 administered under this chapter.

25 Sec. 1305.154. MASTER SIGN ELECTRICIAN. An applicant for a
26 license as a master sign electrician must:

27 (1) have at least 12,000 hours of on-the-job training

1 under the supervision of a master sign electrician; and

2 (2) pass a master sign electrician examination
3 administered under this chapter.

4 Sec. 1305.155. JOURNEYMAN ELECTRICIAN. An applicant for a
5 license as a journeyman electrician must:

6 (1) have at least 8,000 hours of on-the-job training
7 under the supervision of a master electrician; and

8 (2) pass a journeyman electrician examination
9 administered under this chapter.

10 Sec. 1305.156. JOURNEYMAN SIGN ELECTRICIAN. An applicant
11 for a license as a journeyman sign electrician must:

12 (1) have at least 8,000 hours of on-the-job training
13 under the supervision of a master sign electrician; and

14 (2) pass a journeyman sign electrician examination
15 administered under this chapter.

16 Sec. 1305.157. RESIDENTIAL WIREMAN. An applicant for a
17 license as a residential wireman must:

18 (1) have at least 4,000 hours of on-the-job training
19 under the supervision of a master electrician or residential
20 wireman; and

21 (2) pass a residential wireman examination
22 administered under this chapter.

23 Sec. 1305.158. MAINTENANCE ELECTRICIAN. An applicant for a
24 license as a maintenance electrician must:

25 (1) have at least 8,000 hours of on-the-job training
26 under the supervision of a master electrician or maintenance
27 electrician; and

1 (2) pass a maintenance electrician examination
2 administered under this chapter.

3 Sec. 1305.159. ELECTRICAL CONTRACTOR. (a) An applicant
4 for a license as an electrical contractor must:

5 (1) be licensed under this chapter as a master
6 electrician or employ a person licensed under this chapter as a
7 master electrician;

8 (2) establish proof of financial responsibility in the
9 manner prescribed by the executive director; and

10 (3) maintain workers' compensation coverage for the
11 contractor's employees through an insurance company authorized to
12 engage in the business of insurance in this state or through
13 self-insurance, or elect not to obtain workers' compensation
14 coverage, as provided by Subchapter A, Chapter 406, Labor Code.

15 (b) A person who holds a master electrician license issued
16 or recognized by this chapter may only be assigned to a single
17 electrical contractor, unless the master electrician owns more than
18 50 percent of the electrical contracting business.

19 Sec. 1305.160. ELECTRICAL SIGN CONTRACTOR. (a) An
20 applicant for a license as an electrical sign contractor must:

21 (1) be licensed under this chapter as a master sign
22 electrician or employ a person licensed under this chapter as a
23 master sign electrician;

24 (2) establish proof of financial responsibility in the
25 manner prescribed by the executive director; and

26 (3) maintain workers' compensation coverage for the
27 contractor's employees through an insurance company authorized to

1 engage in the business of insurance in this state or through
2 self-insurance, or elect not to obtain workers' compensation
3 coverage, as provided by Subchapter A, Chapter 406, Labor Code.

4 (b) A person who holds a master sign electrician license
5 issued or recognized by this chapter may only be assigned to a
6 single electrical contractor, unless the master sign electrician
7 owns more than 50 percent of the electrical sign contracting
8 business.

9 Sec. 1305.161. ELECTRICAL APPRENTICE. An applicant for a
10 license as an electrical apprentice must be at least 16 years of age
11 and be engaged in the process of learning and assisting in the
12 installation of electrical work under the supervision of a licensed
13 master electrician.

14 Sec. 1305.162. EXAMINATIONS. (a) Examinations required by
15 this subchapter shall be conducted throughout the state.

16 (b) The department shall accept, develop, or contract for
17 the examinations required by this chapter, including the
18 administration of the examinations. Each examination must test the
19 knowledge of the applicant about materials and methods used in
20 electrical installations and the standards prescribed by the
21 National Electrical Code as adopted by the executive director.

22 (c) The executive director shall determine uniform
23 standards for acceptable performance on an examination.

24 Sec. 1305.163. EXAMINATION RESULTS. (a) Not later than the
25 30th day after the date on which an examination is administered
26 under this chapter, the department shall notify each examinee of
27 the results of the examination. If an examination is graded or

1 reviewed by a national testing service, the department shall notify
2 examinees of the result of the examination not later than the 14th
3 day after the date on which the department receives the results from
4 the testing service.

5 (b) If the notice of the examination results will be delayed
6 for more than 60 days after the examination date, the department
7 shall notify each examinee of the reason for the delay before the
8 60th day.

9 (c) If requested in writing by a person who fails an
10 examination administered under this chapter, the department shall
11 provide to the person an analysis of the person's performance on the
12 examination.

13 Sec. 1305.164. NONRESIDENT LICENSE APPLICANT. The
14 executive director may issue a license under this chapter to an
15 applicant who holds a license in another state and who submits a
16 proper application and pays the required fees if the executive
17 director determines that the applicant is licensed in a state with
18 which there is an agreement to recognize licenses issued under this
19 chapter.

20 Sec. 1305.165. LICENSE ISSUANCE; NONTRANSFERABILITY. (a)
21 Not later than the 30th day after the date on which the department
22 determines that an applicant has passed the examination required
23 under this chapter, the executive director shall issue a license to
24 the applicant if the applicant has complied with the application
25 requirements and paid the fees required by this chapter.

26 (b) A license issued by the executive director is valid
27 throughout this state and is not transferable.

1 Sec. 1305.166. DISPLAY OF LICENSE. (a) An electrical
2 contractor and electrical sign contractor shall display the
3 contractor's business name and the number of the license issued by
4 the executive director on each vehicle owned by the contractor.

5 (b) The information required to be displayed must be:

6 (1) printed in letters and numbers that are at least
7 two inches high and in a color that contrasts with the color of the
8 background surface; and

9 (2) permanently affixed in conspicuous places on both
10 sides of the vehicle.

11 Sec. 1305.167. LICENSE RENEWAL. (a) Except as provided by
12 Subsection (b), a license expires annually on December 31 and may be
13 renewed annually on payment of the required renewal fee.

14 (b) The executive director by rule may adopt a system under
15 which licenses expire on various dates during the year. For the
16 year in which the license expiration date is changed, renewal fees
17 payable on or before December 31 shall be prorated on a monthly
18 basis so that each license holder pays only that portion of the
19 renewal fee that is applicable to the number of months during which
20 the license is valid. On renewal of the license on the new
21 expiration date, the total renewal fee is due.

22 (c) Not later than the 30th day preceding the expiration
23 date of a person's license, the department shall notify the person
24 in writing, at the person's last known mailing address, of the
25 impending license expiration. A person may renew an unexpired
26 license by paying to the department, before the license expiration
27 date, the required renewal fee.

1 (d) A person whose license has been expired for 90 days or
2 less may renew the license by paying to the department the required
3 renewal fee and a late fee in an amount equal to half of the license
4 fee. A person whose license has been expired for more than 90 days
5 but less than two years may renew the license by paying to the
6 department all unpaid renewal fees and a late fee in an amount equal
7 to the license fee. A person whose license has been expired for
8 more than two years may not renew the license. The person may
9 obtain a new license by submitting to reexamination and complying
10 with the requirements and procedures for obtaining an original
11 license.

12 Sec. 1305.168. CONTINUING EDUCATION. (a) To renew a master
13 electrician, journeyman electrician, master sign electrician,
14 journeyman sign electrician, maintenance electrician, or
15 residential wireman license, the license holder must complete four
16 hours of continuing education annually.

17 (b) Continuing education courses that satisfy the
18 requirements of this section must address the National Electrical
19 Code, as adopted under Section 1305.101, and state laws and rules
20 that regulate the conduct of license holders under this chapter.

21 (c) The executive director by rule shall approve continuing
22 education courses, course content, and course providers. The
23 commission may adopt a fee for the administration of the
24 department's duties regarding continuing education.

25 [Sections 1305.169-1305.200 reserved for expansion]

26 SUBCHAPTER E. REGULATION OF ELECTRICIANS BY LOCAL GOVERNMENTS

27 Sec. 1305.201. MUNICIPAL OR REGIONAL REGULATION. (a) This

1 chapter does not prohibit a municipality or region from regulating
2 electricians by:

- 3 (1) enacting an ordinance requiring inspections;
4 (2) offering examinations;
5 (3) issuing municipal or regional licenses; or
6 (4) collecting permit fees for municipal or regional
7 licenses and examinations from electricians for work performed in
8 the municipality or region.

9 (b) A municipality or region may not require a person to
10 take a municipal or regional examination if that person holds the
11 appropriate license issued under this chapter and is working within
12 the scope of that license.

13 (c) A municipality may adopt procedures for the:

- 14 (1) adoption of local amendments to the National
15 Electrical Code; and
16 (2) administration and enforcement of that code.

17 (d) Electrical work performed within the corporate limits
18 of a municipality must be installed in accordance with all
19 applicable local ordinances.

20 (e) Electrical work performed in an unincorporated area of
21 the state must be installed in accordance with standards at least as
22 stringent as the requirements of the state electrical code as
23 adopted under Section 1305.101.

24 Sec. 1305.202. SCOPE OF MUNICIPAL OR REGIONAL LICENSE. A
25 license to perform electrical work issued by a municipality or
26 region is valid only in the municipality or region or in another
27 municipality or region under a reciprocal agreement.

1 [Sections 1305.203-1305.250 reserved for expansion]

2 SUBCHAPTER F. LICENSE DENIAL AND DISCIPLINARY ACTIONS

3 Sec. 1305.251. GROUNDS FOR DENIAL OR DISCIPLINARY ACTION.

4 A person is subject to denial of a license application or
5 disciplinary action under Section 51.353 if the person violates:

6 (1) this chapter or a rule adopted under this chapter;

7 or

8 (2) a rule or order of the executive director or
9 commission.

10 Sec. 1305.252. REQUESTED SUSPENSION BY LOCAL GOVERNMENT. A
11 municipality or region may request suspension for just cause of the
12 license under this chapter of a license holder working in its
13 jurisdiction.

14 Sec. 1305.253. HEARINGS; ADMINISTRATIVE PROCEDURE. (a) If
15 the department proposes to deny a license or take disciplinary
16 action against a license holder, the license holder is entitled to a
17 hearing.

18 (b) The proceedings relating to a license denial and
19 disciplinary action by the department under this chapter are
20 governed by Chapter 2001, Government Code. A hearing under this
21 chapter may be conducted by a hearings officer designated by the
22 commission.

23 Sec. 1305.254. NEW APPLICATION BY HOLDER OF REVOKED
24 LICENSE. A license holder whose license has been revoked may apply
25 for a new license after the first anniversary of the date of the
26 revocation.

27 [Sections 1305.255-1305.300 reserved for expansion]

SUBCHAPTER G. ENFORCEMENT

Sec. 1305.301. ADMINISTRATIVE PENALTY. (a) The executive director may impose an administrative penalty on a person under Subchapter F, Chapter 51, regardless of whether the person holds a license under this chapter, if the person violates:

(1) this chapter or a rule adopted under this chapter;
or

(2) a rule or order of the executive director or commission.

(b) An administrative penalty may not be imposed unless the person charged with a violation is provided the opportunity for a hearing.

Sec. 1305.302. CEASE AND DESIST ORDER; INJUNCTION; CIVIL PENALTY. (a) The executive director may issue a cease and desist order as necessary to enforce this chapter if the executive director determines that the action is necessary to prevent a violation of this chapter and to protect public health and safety.

(b) The attorney general or executive director may institute an action for an injunction or a civil penalty under this chapter as provided by Section 51.352.

Sec. 1305.303. CRIMINAL PENALTY. (a) A person commits an offense if the person:

(1) violates the licensing requirements of this chapter;

(2) performs electrical work without a license to perform electrical work in this state; or

(3) employs an individual who does not hold the

1 appropriate license required by this chapter.

2 (b) An offense under this section is a Class C misdemeanor.

3 SECTION 2. (a) Except as otherwise provided by this
4 section, this Act takes effect September 1, 2003.

5 (b) Sections 1305.151 and 1305.303, Occupations Code, as
6 added by this Act, take effect September 1, 2004.

7 (c) In making the initial appointments to the Electrical
8 Safety and Licensing Advisory Board, the presiding officer of the
9 Texas Commission of Licensing and Regulation shall appoint:

10 (1) three members for terms expiring February 1, 2005;

11 (2) three members for terms expiring February 1, 2007;

12 and

13 (3) three members for terms expiring February 1, 2009.

14 (d) The executive director of the Texas Department of
15 Licensing and Regulation and the Texas Commission of Licensing and
16 Regulation, as appropriate, shall:

17 (1) adopt rules under Chapter 1305, Occupations Code,
18 as added by this Act, relating to an original application for a
19 license under that chapter not later than March 1, 2004; and

20 (2) adopt rules under Chapter 1305, Occupations Code,
21 as added by this Act, relating to renewal of a license and
22 continuing education requirements not later than January 1, 2005.

23 SECTION 3. (a) The Texas Department of Licensing and
24 Regulation shall issue a license to a qualified applicant under
25 this section who:

26 (1) applies for a license under this section not later
27 than June 1, 2004;

1 (2) submits to the board the information required by
2 rule;

3 (3) has the experience required by this section; and

4 (4) pays the application fee.

5 (b) An applicant for a license under this section as a
6 master electrician who works in an area in which a municipal or
7 regional licensing program exists is required to have:

8 (1) completed at least 12,000 hours of on-the-job
9 training under the supervision of a master electrician; and

10 (2) held a municipal or regional master electrician
11 license for at least one year.

12 (c) An applicant for a license under this section as a
13 master electrician working in an area in which a municipal or
14 regional licensing program does not exist is required to have
15 completed at least 20,000 hours of on-the-job training under the
16 supervision of a master electrician.

17 (d) An applicant for a license under this section as a
18 master sign electrician working in an area in which a municipal or
19 regional licensing program exists is required to have:

20 (1) completed at least 12,000 hours of on-the-job
21 training under the supervision of a master sign electrician; and

22 (2) held a municipal or regional master sign
23 electrician license for at least one year.

24 (e) An applicant for a license under this section as a
25 master sign electrician working in an area in which a municipal or
26 regional licensing program does not exist is required to have
27 completed at least 20,000 hours of on-the-job training under the

1 supervision of a master sign electrician.

2 (f) An applicant for a license under this section as a
3 journeyman electrician is required to have:

4 (1) completed at least 12,000 hours of on-the-job
5 training under the supervision of a master electrician;

6 (2) held a municipal or regional journeyman
7 electrician license for at least one year; or

8 (3) graduated from an electrical apprenticeship
9 program consisting of at least 576 hours of job-related education
10 and 8,000 hours of on-the-job training.

11 (g) An applicant for a license under this section as a
12 journeyman sign electrician is required to have:

13 (1) completed at least 12,000 hours of on-the-job
14 training under the supervision of a licensed master sign
15 electrician;

16 (2) held a municipal or regional journeyman sign
17 electrician license for at least one year; or

18 (3) graduated from an electrical sign apprenticeship
19 program consisting of at least 576 hours of job-related education
20 and 8,000 hours of on-the-job training.

21 (h) An applicant for a license under this section as a
22 residential wireman is required to have:

23 (1) completed at least 8,000 hours of on-the-job
24 training under the supervision of a licensed master electrician;

25 (2) held a municipal or regional residential wireman
26 license for at least one year; or

27 (3) graduated from a residential wireman

1 apprenticeship program consisting of at least 288 hours of
2 job-related education and 4,000 hours of on-the-job training.

3 (i) An applicant for a license under this section as a
4 maintenance electrician is required to have:

5 (1) completed at least 12,000 hours of on-the-job
6 training under the supervision of a master electrician;

7 (2) held a municipal or regional maintenance
8 electrician license for at least one year; or

9 (3) graduated from an electrical maintenance
10 apprenticeship program consisting of at least 576 hours of
11 job-related education and 8,000 hours of on-the-job training.

12 (j) This section expires September 1, 2005.