

2 **SB 6630** - S AMD 611

3 By Senators Prentice, Keiser, Honeyford and Hochstatter

4 ADOPTED 02/18/02

5 Strike everything after the enacting clause and insert the  
6 following:

7 "**Sec. 1.** RCW 19.28.006 and 2001 c 211 s 1 are each amended to read  
8 as follows:

9 The definitions in this section apply throughout this subchapter.

10 (1) "Administrator" means a person designated by an electrical  
11 contractor to supervise electrical work and electricians in accordance  
12 with the rules adopted under this chapter.

13 (2) "Board" means the electrical board under RCW 19.28.311.

14 (3) "Chapter" or "subchapter" means the subchapter, if no chapter  
15 number is referenced.

16 (4) "Department" means the department of labor and industries.

17 (5) "Director" means the director of the department or the  
18 director's designee.

19 (6) "Electrical construction trade" includes but is not limited to  
20 installing or maintaining electrical wires and equipment that are used  
21 for light, heat, or power and installing and maintaining remote  
22 control, signaling, power limited, or communication circuits or  
23 systems.

24 (7) "Electrical contractor" means a person, firm, partnership,  
25 corporation, or other entity that offers to undertake, undertakes,  
26 submits a bid for, or does the work of installing or maintaining wires  
27 or equipment that convey electrical current.

28 (8) "Equipment" means any equipment or apparatus that directly  
29 uses, conducts, or is operated by electricity but does not mean plug-in  
30 (~~household~~) appliances or equipment as determined by the department  
31 by rule.

32 (9) "Industrial control panel" means a factory-wired or user-wired  
33 assembly of industrial control equipment such as motor controllers,  
34 switches, relays, power supplies, computers, cathode ray tubes,  
35 transducers, and auxiliary devices. The panel may include disconnect  
36 means and motor branch circuit protective devices.

1 (10) "Journeyman electrician" means a person who has been issued a  
2 journeyman electrician certificate of competency by the department.

3 (11) "Master electrician" means either a master journeyman  
4 electrician or master specialty electrician.

5 (12) "Master journeyman electrician" means a person who has been  
6 issued a master journeyman electrician certificate of competency by the  
7 department and who may be designated by an electrical contractor to  
8 supervise electrical work and electricians in accordance with rules  
9 adopted under this chapter.

10 (13) "Master specialty electrician" means a person who has been  
11 issued a specialty electrician certificate of competency by the  
12 department and who may be designated by an electrical contractor to  
13 supervise electrical work and electricians in accordance with rules  
14 adopted under this chapter.

15 (14) "Specialty electrician" means a person who has been issued a  
16 specialty electrician certificate of competency by the department.

17 **Sec. 2.** RCW 19.28.041 and 2001 c 211 s 3 are each amended to read  
18 as follows:

19 (1) It is unlawful for any person, firm, partnership, corporation,  
20 or other entity to engage in, conduct, or carry on the business of  
21 installing or maintaining wires or equipment to convey electric  
22 current, or installing or maintaining equipment to be operated by  
23 electric current as it pertains to the electrical industry, without  
24 having an unrevoked, unsuspended, and unexpired electrical contractor  
25 license, issued by the department in accordance with this chapter. All  
26 electrical contractor licenses expire twenty-four calendar months  
27 following the day of their issue. The department may issue an  
28 electrical contractors license for a period of less than twenty-four  
29 months only for the purpose of equalizing the number of electrical  
30 contractor licenses that expire each month. Application for an  
31 electrical contractor license shall be made in writing to the  
32 department, accompanied by the required fee. The application shall  
33 state:

34 (a) The name and address of the applicant; in case of firms or  
35 partnerships, the names of the individuals composing the firm or  
36 partnership; in case of corporations, the names of the managing  
37 officials thereof;

1 (b) The location of the place of business of the applicant and the  
2 name under which the business is conducted;

3 (c) Employer social security number;

4 (d) Evidence of workers' compensation coverage for the applicant's  
5 employees working in Washington, as follows:

6 (i) The applicant's industrial insurance account number issued by  
7 the department;

8 (ii) The applicant's self-insurer number issued by the department;  
9 or

10 (iii) For applicants domiciled in a state or province of Canada  
11 subject to an agreement entered into under RCW 51.12.120(7), as  
12 permitted by the agreement, filing a certificate of coverage issued by  
13 the agency that administers the workers' compensation law in the  
14 applicant's state or province of domicile certifying that the applicant  
15 has secured the payment of compensation under the other state's or  
16 province's workers' compensation law;

17 (e) Employment security department number;

18 (f) State excise tax registration number;

19 (g) Unified business identifier (UBI) account number may be  
20 substituted for the information required by (d) of this subsection if  
21 the applicant will not employ employees in Washington, and by (e) and  
22 (f) of this subsection; and

23 (h) Whether a general or specialty electrical contractor license is  
24 sought and, if the latter, the type of specialty. Electrical  
25 contractor specialties include, but are not limited to: Residential,  
26 (~~domestic appliances,~~) pump and irrigation, limited energy system,  
27 signs, nonresidential maintenance, and a combination specialty. A  
28 general electrical contractor license shall grant to the holder the  
29 right to engage in, conduct, or carry on the business of installing or  
30 maintaining wires or equipment to carry electric current, and  
31 installing or maintaining equipment, or installing or maintaining  
32 material to fasten or insulate such wires or equipment to be operated  
33 by electric current, in the state of Washington. A specialty  
34 electrical contractor license shall grant to the holder a limited right  
35 to engage in, conduct, or carry on the business of installing or  
36 maintaining wires or equipment to carry electrical current, and  
37 installing or maintaining equipment; or installing or maintaining  
38 material to fasten or insulate such wires or equipment to be operated

1 by electric current in the state of Washington as expressly allowed by  
2 the license.

3 (2) The department may verify the workers' compensation coverage  
4 information provided by the applicant under subsection (1)(d) of this  
5 section, including but not limited to information regarding the  
6 coverage of an individual employee of the applicant. If coverage is  
7 provided under the laws of another state, the department may notify the  
8 other state that the applicant is employing employees in Washington.

9 (3) The application for ((a)) an electrical contractor license  
10 shall be accompanied by a bond in the sum of four thousand dollars with  
11 the state of Washington named as obligee in the bond, with good and  
12 sufficient surety, to be approved by the department. The bond shall at  
13 all times be kept in full force and effect, and any cancellation or  
14 revocation thereof, or withdrawal of the surety therefrom, suspends the  
15 license issued to the principal until a new bond has been filed and  
16 approved as provided in this section. Upon approval of a bond, the  
17 department shall on the next business day deposit the fee accompanying  
18 the application in the electrical license fund and shall file the bond  
19 in the office. The department shall upon request furnish to any  
20 person, firm, partnership, corporation, or other entity a certified  
21 copy of the bond upon the payment of a fee that the department shall  
22 set by rule. The fee shall cover but not exceed the cost of furnishing  
23 the certified copy. The bond shall be conditioned that in any  
24 installation or maintenance of wires or equipment to convey electrical  
25 current, and equipment to be operated by electrical current, the  
26 principal will comply with the provisions of this chapter and with any  
27 electrical ordinance, building code, or regulation of a city or town  
28 adopted pursuant to RCW 19.28.010(3) that is in effect at the time of  
29 entering into a contract. The bond shall be conditioned further that  
30 the principal will pay for all labor, including employee benefits, and  
31 material furnished or used upon the work, taxes and contributions to  
32 the state of Washington, and all damages that may be sustained by any  
33 person, firm, partnership, corporation, or other entity due to a  
34 failure of the principal to make the installation or maintenance in  
35 accordance with this chapter or any applicable ordinance, building  
36 code, or regulation of a city or town adopted pursuant to RCW  
37 19.28.010(3). In lieu of the surety bond required by this section the  
38 license applicant may file with the department a cash deposit or other  
39 negotiable security acceptable to the department. If the license

1 applicant has filed a cash deposit, the department shall deposit the  
2 funds in a special trust savings account in a commercial bank, mutual  
3 savings bank, or savings and loan association and shall pay annually to  
4 the depositor the interest derived from the account.

5 (4) The department shall issue general or specialty electrical  
6 contractor licenses to applicants meeting all of the requirements of  
7 this chapter. The provisions of this chapter relating to the licensing  
8 of any person, firm, partnership, corporation, or other entity  
9 including the requirement of a bond with the state of Washington named  
10 as obligee therein and the collection of a fee therefor, are exclusive,  
11 and no political subdivision of the state of Washington may require or  
12 issue any licenses or bonds or charge any fee for the same or a similar  
13 purpose. No person, firm, partnership, corporation, or other entity  
14 holding more than one specialty contractor license under this chapter  
15 may be required to pay an annual fee for more than one such license or  
16 to post more than one four thousand dollar bond, equivalent cash  
17 deposit, or other negotiable security.

18 (5) To obtain a general or specialty electrical contractor license  
19 the applicant must designate an individual who currently possesses  
20 ~~((an))~~ a valid master journeyman electrician's certificate of  
21 competency, valid master specialty electrician's certificate of  
22 competency in the specialty for which application has been made, valid  
23 administrator's certificate as a general electrical contractor  
24 administrator or as a specialty electrical contractor administrator in  
25 the specialty for which application has been made.

26 (6) Administrator certificate specialties include but are not  
27 limited to: Residential, ~~((domestic, appliance,))~~ pump and irrigation,  
28 limited energy system, signs, nonresidential maintenance, and  
29 combination specialty. To obtain an administrator's certificate an  
30 individual must pass an examination as set forth in RCW 19.28.051  
31 unless the applicant was a licensed electrical contractor at any time  
32 during 1974. Applicants who were electrical contractors licensed by  
33 the state of Washington at any time during 1974 are entitled to receive  
34 a general electrical contractor administrator's certificate without  
35 examination if the applicants apply prior to January 1, 1984. The  
36 board of electrical examiners shall certify to the department the names  
37 of all persons who are entitled to either a general or specialty  
38 electrical contractor administrator's certificate.

1       **Sec. 3.** RCW 19.28.051 and 2001 c 211 s 4 are each amended to read  
2 as follows:

3       It shall be the purpose and function of the board to establish, in  
4 addition to a general electrical contractors' license, such  
5 classifications of specialty electrical contractors' licenses as it  
6 deems appropriate with regard to individual sections pertaining to  
7 state adopted codes in this chapter. In addition, it shall be the  
8 purpose and function of the board to establish and administer written  
9 examinations for general electrical administrators' certificates and  
10 the various specialty electrical administrators' certificates.  
11 Examinations shall be designed to reasonably (~~insure~~) ensure that  
12 general and specialty electrical administrators' certificate holders  
13 are competent to engage in and supervise the work covered by this  
14 statute and their respective licenses. The examinations shall include  
15 questions from the following categories to assure proper safety and  
16 protection for the general public: (1) Safety, (2) state electrical  
17 code, and (3) electrical theory. The department with the consent of  
18 the board shall be permitted to enter into a contract with a  
19 professional testing agency to develop, administer, and score these  
20 examinations. A person may take the administrator's examination as  
21 many times as necessary without limit. The fee for the examination may  
22 be set by the department in its contract with the professional testing  
23 agency. The department may direct that the applicant pay the fee to  
24 the professional testing agency. The fee shall cover but not exceed  
25 the costs of preparing and administering the examination. It shall be  
26 the further purpose and function of this board to advise the director  
27 as to the need of additional electrical inspectors and compliance  
28 officers to be utilized by the director on either a full-time or part-  
29 time employment basis and to carry out the duties enumerated in RCW  
30 19.28.161 through 19.28.271 as well as generally advise the department  
31 on all matters relative to RCW 19.28.161 through 19.28.271.

32       **Sec. 4.** RCW 19.28.061 and 1996 c 241 s 3 are each amended to read  
33 as follows:

34       (1) Each applicant for an electrical contractor's license, other  
35 than an individual, shall designate a supervisory employee or member of  
36 the firm to take the required master electrician's or administrator's  
37 examination. Effective July 1, 1987, a supervisory employee designated  
38 as the electrical contractor's master electrician or administrator

1 shall be a full-time supervisory employee. This person shall be  
2 designated as master electrician or administrator under the license.  
3 No person may concurrently qualify as master electrician or  
4 administrator for more than one contractor. If the relationship of the  
5 master electrician or administrator with the electrical contractor is  
6 terminated, the contractor's license is void within ninety days unless  
7 another master electrician or administrator is qualified by the board.  
8 However, if the master electrician or administrator dies or is  
9 otherwise incapacitated, the contractor's license is void within one  
10 hundred eighty days unless another master electrician or administrator  
11 is qualified by the board. (~~(A certificate issued under this section~~  
12 ~~is valid for two years from the nearest birthdate of the administrator,~~  
13 ~~unless revoked or suspended, and further is nontransferable.)) The  
14 contractor must notify the department in writing within ten days if the  
15 master electrician's or administrator's relationship with the  
16 contractor terminates due to the master electrician's or  
17 administrator's death or incapacitation.~~

18 (2) The department must issue an administrator's certificate to all  
19 applicants who have passed the examination provided in RCW 19.28.051  
20 and this section, and who have complied with the rules adopted under  
21 this chapter. The administrator's certificate must bear the date of  
22 issuance, expires on the holder's birthday, and is nontransferable.  
23 The certificate must be renewed every three years, upon application, on  
24 or before the holder's birthday.

25 (a) If the certificate holder demonstrates to the department that  
26 he or she has satisfactorily completed an annual eight-hour continuing  
27 education course, the certificate may be renewed by appropriate  
28 application without examination unless the certificate has been  
29 revoked, suspended, or not renewed within ninety days after the  
30 expiration date.

31 (b) The contents and requirements for satisfactory completion of  
32 the continuing education course must be determined by the director and  
33 approved by the board.

34 (c) The department must accept proof of a certificate holder's  
35 satisfactory completion of a continuing education course offered in  
36 another state as meeting the requirements for maintaining a current  
37 Washington state certificate if the department is satisfied the course  
38 is comparable in nature to that required in Washington state for  
39 maintaining a current certificate.

1       (3) A fee must be assessed for each administrator's certificate and  
2 for each renewal. An individual holding more than one administrator's  
3 certificate under this chapter is not required to pay fees for more  
4 than one certificate. If the certificate is not renewed before the  
5 expiration date, the individual must pay twice the usual fee. The  
6 department must set the fees by rule for issuance and renewal of a  
7 certificate. The fees must cover, but not exceed, the costs of issuing  
8 the certificates and of administering and enforcing the electrician  
9 certification requirements of this chapter.

10       (4) The department may deny an application for an administrator's  
11 certificate for up to two years if the applicant's previous  
12 administrator's certificate has been revoked for a serious violation  
13 and all appeals concerning the revocation have been exhausted. For the  
14 purposes of this section only, a serious violation is a violation that  
15 presents imminent danger to the public. ~~((The certificate may be~~  
16 ~~renewed for a two-year period without examination by appropriate~~  
17 ~~application unless the certificate has been revoked, suspended, or not~~  
18 ~~renewed within ninety days after the expiration date. If the~~  
19 ~~certificate is not renewed before the expiration date, the individual~~  
20 ~~shall pay twice the usual fee. An individual holding more than one~~  
21 ~~administrator's certificate under this chapter shall not be required to~~  
22 ~~pay annual fees for more than one certificate. A person may take the~~  
23 ~~administrator's test as many times as necessary without limit.~~

24       ~~(2))~~ (5) The designated master electrician or administrator shall:

25       (a) Be a member of the firm or a supervisory employee and shall be  
26 available during working hours to carry out the duties of an  
27 administrator under this section;

28       (b) Ensure that all electrical work complies with the electrical  
29 installation laws and rules of the state;

30       (c) Ensure that the proper electrical safety procedures are used;

31       (d) Ensure that all electrical labels, permits, and licenses  
32 required to perform electrical work are used;

33       (e) See that corrective notices issued by an inspecting authority  
34 are complied with; and

35       (f) Notify the department in writing within ten days if the master  
36 electrician or administrator terminates the relationship with the  
37 electrical contractor.

38       ~~((3))~~ (6) The department shall not by rule change the  
39 administrator's duties under subsection ~~((2))~~ (5) of this section.



1       **Sec. 5.** RCW 19.28.161 and 1997 c 309 s 1 are each amended to read  
2 as follows:

3       (1) No person may engage in the electrical construction trade  
4 without having a ~~((current))~~ valid master journeyman electrician  
5 certificate of competency, journeyman electrician certificate of  
6 competency, master specialty electrician certificate of competency, or  
7 a current specialty electrician certificate of competency issued by the  
8 department in accordance with this chapter. Electrician certificate of  
9 competency specialties include, but are not limited to: Residential,  
10 ~~((domestic appliances,))~~ pump and irrigation, limited energy system,  
11 signs, and nonresidential maintenance.

12       (2) A person who is indentured in an apprenticeship program  
13 approved under chapter 49.04 RCW for the electrical construction trade  
14 or who is learning the electrical construction trade may work in the  
15 electrical construction trade if supervised by a certified master  
16 journeyman electrician, journeyman electrician, master specialty  
17 electrician in that electrician's specialty, or a certified specialty  
18 electrician in that electrician's specialty. All apprentices and  
19 individuals learning the electrical construction trade shall obtain an  
20 electrical training certificate from the department. The certificate  
21 shall authorize the holder to learn the electrical construction trade  
22 while under the direct supervision of a master journeyman electrician,  
23 journeyman electrician, master specialty electrician working in that  
24 electrician's specialty, or a specialty electrician working in ~~((his or~~  
25 ~~her))~~ that electrician's specialty. The holder of the electrical  
26 training certificate shall renew the certificate ~~((annually))~~  
27 biennially. At the time of renewal, the holder shall provide the  
28 department with an accurate list of the holder's employers in the  
29 electrical construction industry for the previous year and the number  
30 of hours worked for each employer. ~~((An annual))~~ A biennial fee shall  
31 be charged for the issuance or renewal of the certificate. The  
32 department shall set the fee by rule. The fee shall cover but not  
33 exceed the cost of administering and enforcing the trainee  
34 certification and supervision requirements of this chapter.  
35 Apprentices and individuals learning the electrical construction trade  
36 shall have their electrical training certificates in their possession  
37 at all times that they are performing electrical work. They shall show  
38 their certificates to an authorized representative of the department at  
39 the representative's request.

1 (3) Any person who has been issued an electrical training  
2 certificate under this chapter may work if that person is under  
3 supervision. Supervision shall consist of a person being on the same  
4 job site and under the control of either a certified master journeyman  
5 electrician, journeyman electrician, master specialty electrician  
6 working in that electrician's specialty, or ((an appropriate)) a  
7 specialty electrician ((who has an applicable certificate of competency  
8 issued under this chapter. Either a journeyman electrician or an  
9 appropriate specialty electrician shall be on the same job site as the  
10 noncertified individual for a minimum of seventy five percent of each  
11 working day unless otherwise provided in this chapter)) working in that  
12 electrician's specialty.

13 (4) The ratio of noncertified individuals to certified master  
14 journeymen electricians, journeymen electricians, master specialty  
15 electricians, or specialty electricians ((working)) on ((a)) any one  
16 job site ((shall be)) is as follows:

17 (a) When working as a specialty electrician, not more than two  
18 noncertified individuals ((working on any one job site)) for every  
19 certified master specialty electrician working in that electrician's  
20 specialty, specialty electrician working in that electrician's  
21 specialty, master journeyman electrician, or journeyman electrician  
22 ((working as a specialty electrician)), except that the ratio  
23 requirements are one certified master specialty electrician working in  
24 that electrician's specialty, certified specialty electrician working  
25 in that electrician's specialty, certified master journeyman  
26 electrician, or certified journeyman electrician working as a specialty  
27 electrician to no more than four students enrolled in and working as  
28 part of an electrical construction program at public community or  
29 technical colleges, or not-for-profit nationally accredited trade or  
30 technical schools licensed by the work force training and education  
31 coordinating board under chapter 28C.10 RCW. In meeting the ratio  
32 requirements for students enrolled in an electrical construction  
33 program at a trade school, a trade school may receive input and advice  
34 from the electrical board; and

35 (b) When working as a journeyman electrician, not more than one  
36 noncertified individual ((working on any one job site)) for every  
37 certified master journeyman electrician or certified journeyman  
38 electrician, except that the ratio requirements shall be one certified  
39 master journeyman electrician or certified journeyman electrician to no

1 more than four students enrolled in and working as part of an  
2 electrical construction program at public community or technical  
3 colleges, or not-for-profit nationally accredited trade or technical  
4 schools licensed by the work force training and education coordinating  
5 board under chapter 28C.10 RCW. In meeting the ratio requirements for  
6 students enrolled in an electrical construction program at a trade  
7 school, a trade school may receive input and advice from the electrical  
8 board.

9 An individual who has a current training certificate and who has  
10 successfully completed or is currently enrolled in an approved  
11 apprenticeship program or in an electrical construction program at  
12 public community or technical colleges, or not-for-profit nationally  
13 accredited technical or trade schools licensed by the work force  
14 training and education coordinating board under chapter 28C.10 RCW, may  
15 work without direct on-site supervision during the last six months of  
16 meeting the practical experience requirements of this chapter.

17 (5) For the residential (as specified in WAC 296-46A-930(2)(a)),  
18 pump and irrigation (as specified in WAC 296-46A-930(2)(b)(i)), sign  
19 (as specified in WAC 296-46A-930(2)(c)), limited energy (as specified  
20 in WAC 296-46A-930(2)(e)(i)), or nonresidential maintenance (as  
21 specified in WAC 296-46A-930(2)(f)(i)) specialties, either a master  
22 journeyman electrician, journeyman electrician, master specialty  
23 electrician working in that electrician's specialty, or an appropriate  
24 specialty electrician working in that electrician's specialty must be  
25 on the same job site as the noncertified individual for a minimum of  
26 seventy-five percent of each working day. Other specialties must meet  
27 the requirements specified in RCW 19.28.191(1)(f)(ii). When the ratio  
28 of certified electricians to noncertified individuals on a job site is  
29 one certified electrician to three or four noncertified individuals the  
30 certified electrician must:

31 (a) Directly supervise and instruct the noncertified individuals  
32 and the certified electrician may not directly make or engage in an  
33 electrical installation; and

34 (b) Be on the same job site as the noncertified individual for a  
35 minimum of one hundred percent of each working day.

36 (6) The electrical contractor shall accurately verify and attest to  
37 the electrical trainee hours worked by electrical trainees on behalf of  
38 the electrical contractor.

1       **Sec. 6.** RCW 19.28.191 and 1997 c 309 s 3 are each amended to read  
2 as follows:

3       (1) Upon receipt of the application, the department shall review  
4 the application and determine whether the applicant is eligible to take  
5 an examination for the master journeyman electrician, journeyman  
6 electrician, master specialty electrician, or specialty electrician  
7 certificate of competency.

8       (a) Before July 1, 2005, an applicant who possesses a valid general  
9 administrator's certificate and possesses a valid journeyman  
10 electrician certificate of competency in effect for the previous four  
11 years may apply for a master journeyman electrician certificate of  
12 competency without examination.

13       (b) Before July 1, 2005, an applicant who possesses a valid  
14 specialty administrator's certificate, in the specialty applied for,  
15 and possesses a valid specialty electrician certificate of competency,  
16 in the specialty applied for, for the previous two years may apply for  
17 a master specialty electrician certificate of competency without  
18 examination.

19       (c) To be eligible to take the examination for a master journeyman  
20 electrician certificate of competency the applicant must have possessed  
21 a valid journeyman electrician certificate of competency for four  
22 years.

23       (d) To be eligible to take the examination for a master specialty  
24 electrician certificate of competency the applicant must have possessed  
25 a valid specialty electrician certificate of competency, in the  
26 specialty applied for, for two years.

27       (e) To be eligible to take the examination for a journeyman  
28 certificate of competency the applicant must have:

29       (i) Worked in the electrical construction trade for a minimum of  
30 ~~((four years))~~ eight thousand hours employed full time, of which ~~((two~~  
31 ~~years))~~ four thousand hours shall be in industrial or commercial  
32 electrical installation under the supervision of a journeyman  
33 electrician and not more than a total of ~~((two years))~~ four thousand  
34 hours in all specialties under the supervision of a journeyman  
35 electrician or an appropriate specialty electrician. Specialty  
36 electricians with less than a four thousand hour work experience  
37 requirement cannot credit the time required to obtain that specialty  
38 towards qualifying to become a journeyman electrician; or

1 (ii) Successfully completed an apprenticeship program approved  
2 under chapter 49.04 RCW for the electrical construction trade.

3 ~~((b))~~ (f) To be eligible to take the examination ~~((to become))~~  
4 for a specialty electrician certificate of competency the applicant  
5 ~~((shall))~~ must have:

6 (i) Worked in ~~((that specialty of the electrical construction~~  
7 ~~trade, under the supervision of a journeyman electrician or an~~  
8 ~~appropriate specialty electrician, for a minimum of two years employed~~  
9 ~~full time))~~ the residential, pump and irrigation, sign, limited energy,  
10 or nonresidential maintenance specialties of the electrical  
11 construction trade under the supervision of a master journeyman  
12 electrician, journeyman electrician, master specialty electrician  
13 working in that electrician's specialty, or a specialty electrician  
14 working in that electrician's specialty for a minimum of four thousand  
15 hours; or

16 (ii) Worked in other than the designated specialties in (f)(i) of  
17 this subsection for a minimum of two thousand hours. A minimum of the  
18 initial ninety days, or longer if set by rule by the department, must  
19 be spent under one hundred percent supervision of a master journeyman  
20 electrician, journeyman electrician, master specialty electrician  
21 working in that electrician's specialty, or specialty electrician  
22 working in that electrician's specialty. After the minimum full  
23 supervision period, a person may take the specialty examination. If  
24 the person passes the examination, the person may work unsupervised for  
25 the balance of the two thousand hours required to attain certification;  
26 or

27 (iii) Successfully completed an approved apprenticeship program  
28 under chapter 49.04 RCW for the applicant's specialty in the electrical  
29 construction trade.

30 ~~((e))~~ (g) Any applicant for a journeyman electrician certificate  
31 of competency who has successfully completed a two-year program in the  
32 electrical construction trade at public community or technical  
33 colleges, or not-for-profit nationally accredited technical or trade  
34 schools licensed by the work force training and education coordinating  
35 board under chapter 28C.10 RCW may substitute up to two years of the  
36 technical or trade school program for two years of work experience  
37 under a master journeyman electrician or a journeyman electrician. The  
38 applicant shall obtain the additional two years of work experience  
39 required in industrial or commercial electrical installation prior to

1 the beginning, or after the completion, of the technical school  
2 program. (~~Any applicant who has received training in the electrical  
3 construction trade in the armed service of the United States may be  
4 eligible to take the examination for the certificate of competency.~~

5 (d)) (h) An applicant for a specialty electrician certificate of  
6 competency who, after January 1, 2000, has successfully completed a  
7 two-year program in the electrical construction trade at a public  
8 community or technical college, or a not-for-profit nationally  
9 accredited technical or trade school licensed by the work force  
10 training and education coordinating board under chapter 28C.10 RCW, may  
11 substitute up to one year of the technical or trade school program for  
12 one year of work experience under a master journeyman electrician,  
13 journeyman electrician, master specialty electrician working in that  
14 electrician's specialty, or specialty electrician working in that  
15 electrician's specialty.

16 (i) The department must determine whether hours of training and  
17 experience in the military or school program are in the electrical  
18 construction trade and appropriate as a substitute for hours of work  
19 experience. The department must use the following criteria for  
20 evaluating the equivalence of classroom electrical training programs  
21 and work in the electrical construction trade:

22 (i) A two-year electrical training program must consist of three  
23 thousand or more hours of student/instructor contact time.

24 (ii) In a two-year electrical training program, a minimum of two  
25 thousand four hundred hours of student/instructor contact time must be  
26 technical electrical instruction directly related to the scope of work  
27 of the electrical specialty. Student/instructor contact time includes  
28 lecture, in-school lab, and may include off-site instructor-supervised  
29 electrical installation.

30 (iii) External intern programs must not be used to comply with the  
31 student/instructor contact hours requirement, but will be eligible for  
32 electrical trainee work experience credit if performed in accordance  
33 with this chapter.

34 (iv) The department may not allow credit for a program that accepts  
35 more than one thousand hours transferred from another school's program.

36 (v) Electrical specialty training school programs of less than two  
37 years will have all of the above student/instructor contact time hours  
38 proportionately reduced. Such programs may not apply to more than  
39 fifty percent of the work experience required to attain certification.

1 (vi) Electrical training programs of less than two years may not be  
2 credited towards qualification for journeyman electrician unless the  
3 training program is used to gain qualification for a two-year  
4 electrical specialty.

5 (j) No other requirement for eligibility may be imposed.

6 (2) The department shall establish reasonable rules for the  
7 examinations to be given applicants for certificates of competency. In  
8 establishing the rules, the department shall consult with the board.  
9 Upon determination that the applicant is eligible to take the  
10 examination, the department shall so notify the applicant, indicating  
11 the time and place for taking the examination.

12 **Sec. 7.** RCW 19.28.201 and 2001 c 211 s 13 are each amended to read  
13 as follows:

14 The department, in coordination with the board, shall prepare an  
15 examination to be administered to applicants for master journeyman  
16 electrician, journeyman electrician, master specialty electrician, and  
17 specialty electrician certificates of competency.

18 The department, with the consent of the board, may enter into a  
19 contract with a professional testing agency to develop, administer, and  
20 score electrician certification examinations. The department may set  
21 the examination fee by contract with the professional testing agency.

22 The department must, at least four times annually, administer the  
23 examination to persons eligible to take it under RCW 19.28.191. The  
24 fee must cover, but not exceed, the costs of preparing and  
25 administering the examination.

26 The department must certify the results of the examination upon the  
27 terms and after such a period of time as the department, in cooperation  
28 with the board, deems necessary and proper.

29 (1)(a) The master electrician's certificates of competency  
30 examinations must include questions from the following categories to  
31 ensure proper safety and protection for the general public: (i)  
32 Safety; (ii) the state electrical code; and (iii) electrical theory.

33 (b) A person may take the master electrician examination as many  
34 times as necessary without limit. All applicants must, before taking  
35 the examination, pay the required examination fee to the agency  
36 administering the examination.

37 (2) The journeyman electrician and specialty electrician  
38 examinations shall be constructed to determine:

1       ~~((1))~~ (a) Whether the applicant possesses varied general  
2 knowledge of the technical information and practical procedures that  
3 are identified with the status of journeyman electrician or specialty  
4 electrician; and

5       ~~((2))~~ (b) Whether the applicant is sufficiently familiar with the  
6 applicable electrical codes and the rules of the department pertaining  
7 to electrical installations and electricians.

8       ~~((The department shall, at least four times annually, administer  
9 the examination to persons eligible to take it under RCW 19.28.191. A  
10 person may take the journeyman or specialty test as many times as  
11 necessary without limit. All applicants shall, before taking the  
12 examination, pay the required examination fee to the agency  
13 administering the examination. The fee shall cover but not exceed the  
14 costs of preparing and administering the examination.~~

15       ~~The department shall certify the results of the examination upon  
16 such terms and after such a period of time as the department, in  
17 cooperation with the board, deems necessary and proper.~~

18       ~~(3) The department upon the consent of the board may enter into a  
19 contract with a professional testing agency to develop, administer, and  
20 score journeyman and/or specialty electrician certification  
21 examinations. The department may set the examination fee by contract  
22 with the professional testing agency.)~~

23       A person may take the examination as many times as necessary  
24 without limit. All applicants must, before taking the examination, pay  
25 the required examination fee to the agency administering the  
26 examination.

27       **Sec. 8.** RCW 19.28.211 and 2001 c 211 s 14 are each amended to read  
28 as follows:

29       (1) The department shall issue a certificate of competency to all  
30 applicants who have passed the examination provided in RCW 19.28.201,  
31 and who have complied with RCW 19.28.161 through 19.28.271 and the  
32 rules adopted under this chapter. The certificate shall bear the date  
33 of issuance, and shall expire on the holder's birthday. The  
34 certificate shall be renewed every three years, upon application, on or  
35 before the holder's birthdate. A fee shall be assessed for each  
36 certificate and for each annual renewal.

37       (2) If the certificate holder demonstrates to the department that  
38 he or she has satisfactorily completed an annual eight-hour continuing



1 education course, the certificate may be renewed without examination by  
2 appropriate application unless the certificate has been revoked,  
3 suspended, or not renewed within ninety days after the expiration date.

4 (a) The contents and requirements for satisfactory completion of  
5 the continuing education course shall be determined by the director and  
6 approved by the board.

7 (b) The department shall accept proof of a certificate holder's  
8 satisfactory completion of a continuing education course offered in  
9 another state as meeting the requirements for maintaining a current  
10 Washington state certificate of competency if the department is  
11 satisfied the course is comparable in nature to that required in  
12 Washington state for maintaining a current certificate of competency.

13 (3) If the certificate is not renewed before the expiration date,  
14 the individual shall pay twice the usual fee. The department shall set  
15 the fees by rule for issuance and renewal of a certificate of  
16 competency. The fees shall cover but not exceed the costs of issuing  
17 the certificates and of administering and enforcing the electrician  
18 certification requirements of this chapter.

19 (4) The certificates of competency and temporary permits provided  
20 for in this chapter grant the holder the right to work in the  
21 electrical construction trade as a master electrician, journeyman  
22 electrician, or specialty electrician in accordance with their  
23 provisions throughout the state and within any of its political  
24 subdivisions without additional proof of competency or any other  
25 license, permit, or fee to engage in such work.

26 **Sec. 9.** RCW 19.28.241 and 2001 c 211 s 17 are each amended to read  
27 as follows:

28 (1)(a) The department may revoke any certificate of competency upon  
29 the following grounds:

30 ((a)) (i) The certificate was obtained through error or fraud;

31 ((b)) (ii) The holder thereof is judged to be incompetent to work  
32 in the electrical construction trade as a journeyman electrician or  
33 specialty electrician;

34 ((c)) (iii) The holder thereof has violated any of the provisions  
35 of ((RCW 19.28.161 through 19.28.271)) or any rule adopted under this  
36 chapter;

37 (iv) For commission of a serious violation that is defined as a  
38 violation that presents imminent danger to the public or property.

