
SUBSTITUTE SENATE BILL 5713

State of Washington

58th Legislature

2003 Regular Session

By Senate Committee on Commerce & Trade (originally sponsored by Senators Honeyford, Prentice, Hewitt, Rasmussen, Mulliken, Sheahan and Oke)

READ FIRST TIME 02/27/03.

1 AN ACT Relating to electrical work; amending RCW 19.28.006,
2 19.28.091, 19.28.101, 19.28.141, 19.28.261, 19.28.371, 18.106.070, and
3 18.106.150; adding a new section to chapter 18.106 RCW; and adding a
4 new section to chapter 70.79 RCW.

5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

6 **Sec. 1.** RCW 19.28.006 and 2002 c 249 s 1 are each amended to read
7 as follows:

8 The definitions in this section apply throughout this subchapter.

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

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

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

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

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

18 (6) "Electrical construction trade" includes but is not limited to
19 installing or maintaining electrical wires and equipment that are used

1 for light, heat, or power and installing and maintaining remote
2 control, signaling, power limited, or communication circuits or
3 systems.

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

8 (8) "Equipment" means any equipment or apparatus that directly
9 uses, conducts, insulates, or is operated by electricity but does not
10 mean: Plug-in appliances; or plug-in equipment as determined by the
11 department by rule.

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

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

19 (11) "Master electrician" means either a master journeyman
20 electrician or master specialty electrician.

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

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

31 (14)(a) "Repair, maintenance, or replacement of appliances" means
32 servicing, maintaining, repairing, or replacing household
33 commercial/industrial appliances, and other small utilization equipment
34 that is:

35 (i) Self-contained and built to standardized sizes or types;

36 (ii) Not to exceed two hundred fifty volts, sixty amperes, single
37 phase; and

38 (iii) Approved by a testing agency approved by the department.

1 (b) The work of repair, maintenance, or replacement of appliances
2 includes:

3 (i) The in-place like-in-kind replacement of the appliance or
4 equipment that may involve disconnecting and reconnecting of low
5 voltage control and line voltage supply whips not over six feet in
6 length if the same unmodified electrical circuit is used to supply the
7 equipment being replaced. However, this work may, in accordance with
8 the national electrical code, include installation of a standard plug-
9 in receptacle on the end of the existing supply cable to the appliance
10 being replaced if the replacement appliance is supplied by the
11 manufacturer with a plug-in connection rather than a direct-wire
12 connection, and without any other modifications to the branch circuit;
13 and

14 (ii) The like-in-kind replacement of electrical components within
15 the appliance or equipment.

16 (c) The work of repair, maintenance, or replacement of appliances
17 does not include:

18 (i) The installation, repair, or modification of branch circuit
19 conductors, services, feeders, panelboards, disconnect switches, or
20 raceway/conductor systems interconnecting multiple appliances,
21 equipment, or other electrical components; or

22 (ii) Any work governed under articles 500 through 505, 510, 511, or
23 513 through 516 of the national electric code.

24 (15) "Repair, maintenance, or replacement of industrial and
25 commercial equipment" includes:

26 (a) The service, repair, or replacement of industrial and
27 commercial equipment that includes but is not limited to electrically
28 powered motors up to ten horsepower, controls, switches, sensors,
29 alarms, electrically powered hydraulic or pneumatic control devices and
30 actuators that are used to operate machinery, equipment, pumps,
31 compressors, appliances, process equipment, and other devices not used
32 for occupant space heating by industrial, commercial, hospital,
33 educational, public, and private commercial buildings, and other end
34 users. Examples include but are not limited to manufacturing,
35 industrial and commercial machinery and equipment, and associated
36 devices, including but not limited to air compressors, pumps, blowers,
37 process equipment, materials handling equipment, refrigeration, and
38 heating other than for occupant space heating or cooling;

1 (b) Disconnecting and reconnecting low voltage and line voltage
2 supply whips not over six feet in length to industrial and commercial
3 equipment provided there are no modifications to the characteristics of
4 the branch circuit;

5 (c) The replacement of industrial and commercial equipment provided
6 that replacement equipment is like-in-kind and does not exceed the
7 electrical supply requirements of the equipment it is replacing; and

8 (d) The service, repair, or replacement of components and
9 conductors within the confines of self-contained industrial and
10 commercial equipment or equipment that is contained on a single skid or
11 frame, but not the installation, repair, or modification of wiring that
12 interconnects the equipment to remote components, branch circuit
13 conductors, services, feeders, panelboards, disconnect switches, or
14 raceway/conductor systems interconnecting multiple equipment or other
15 electrical components.

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

18 **Sec. 2.** RCW 19.28.091 and 2001 c 211 s 6 are each amended to read
19 as follows:

20 (1) No license under the provision of this chapter shall be
21 required from any utility or any person, firm, partnership,
22 corporation, or other entity employed by a utility because of work in
23 connection with the installation, repair, or maintenance of lines,
24 wires, apparatus, or equipment owned by or under the control of a
25 utility and used for transmission or distribution of electricity from
26 the source of supply to the point of contact at the premises and/or
27 property to be supplied and service connections and meters and other
28 apparatus or appliances used in the measurement of the consumption of
29 electricity by the customer.

30 (2) No license under the provisions of this chapter shall be
31 required from any utility because of work in connection with the
32 installation, repair, or maintenance of the following:

33 (a) Lines, wires, apparatus, or equipment used in the lighting of
34 streets, alleys, ways, or public areas or squares;

35 (b) Lines, wires, apparatus, or equipment owned by a commercial,
36 industrial, or public institution customer that are an integral part of
37 a transmission or distribution system, either overhead or underground,

1 providing service to such customer and located outside the building or
2 structure: PROVIDED, That a utility does not initiate the sale of
3 services to perform such work;

4 (c) Lines and wires, together with ancillary apparatus, and
5 equipment, owned by a customer that is an independent power producer
6 who has entered into an agreement for the sale of electricity to a
7 utility and that are used in transmitting electricity from an
8 electrical generating unit located on premises used by such customer to
9 the point of interconnection with the utility's system.

10 (3) Any person, firm, partnership, corporation, or other entity
11 licensed under RCW 19.28.041 may enter into a contract with a utility
12 for the performance of work under subsection (2) of this section.

13 (4) No license under the provisions of this chapter shall be
14 required from any person, firm, partnership, corporation, or other
15 entity because of the work of installing and repairing ignition or
16 lighting systems for motor vehicles.

17 (5) No license under the provisions of this chapter shall be
18 required from any person, firm, partnership, corporation, or other
19 entity because of work in connection with the installation, repair, or
20 maintenance of wires and equipment, and installations thereof, exempted
21 in RCW 19.28.010.

22 (6) The department may by rule exempt from licensing requirements
23 under this chapter work performed on premanufactured electric power
24 generation equipment assemblies and control gear involving the testing,
25 repair, modification, maintenance, or installation of components
26 internal to the power generation equipment, the control gear, or the
27 transfer switch.

28 (7) No license under the provisions of this chapter shall be
29 required from any person, firm, partnership, corporation, or other
30 entity because of work in connection with the repair, maintenance, or
31 replacement of appliances.

32 (8) No license under the provisions of this chapter shall be
33 required from any person, firm, partnership, corporation, or other
34 entity because of work in connection with the repair, maintenance, or
35 replacement of industrial and commercial equipment.

36 (9) No license under the provisions of this chapter shall be
37 required from any person, firm, partnership, corporation, or other

1 entity because of work in connection with the installation, repair,
2 maintenance, or replacement of boilers.

3 (10) No license under the provisions of this chapter shall be
4 required from any person, firm, partnership, corporation, or other
5 entity because of incidental electrical work conducted by plumbers as
6 provided in section 7 of this act.

7 **Sec. 3.** RCW 19.28.101 and 1996 c 241 s 4 are each amended to read
8 as follows:

9 (1) The director shall cause an inspector to inspect all wiring,
10 appliances, devices, and equipment to which this chapter applies.
11 Nothing contained in this chapter may be construed as providing any
12 authority for any subdivision of government to adopt by ordinance any
13 provisions contained or provided for in this chapter except those
14 pertaining to cities and towns pursuant to RCW 19.28.010(3).

15 (2) Upon request, electrical inspections will be made by the
16 department within forty-eight hours, excluding holidays, Saturdays, and
17 Sundays. If, upon written request, the electrical inspector fails to
18 make an electrical inspection within twenty-four hours, the serving
19 utility may immediately connect electrical power to the installation if
20 the necessary electrical work permit is displayed: PROVIDED, That if
21 the request is for an electrical inspection that relates to a mobile
22 home installation, the applicant shall provide proof of a current
23 building permit issued by the local government agency authorized to
24 issue such permits as a prerequisite for inspection approval or
25 connection of electrical power to the mobile home.

26 (3) Whenever the installation of any wiring, device, appliance, or
27 equipment is not in accordance with this chapter, or is in such a
28 condition as to be dangerous to life or property, the person, firm,
29 partnership, corporation, or other entity owning, using, or operating
30 it shall be notified by the department and shall within fifteen days,
31 or such further reasonable time as may upon request be granted, make
32 such repairs and changes as are required to remove the danger to life
33 or property and to make it conform to this chapter. The director,
34 through the inspector, is hereby empowered to disconnect or order the
35 discontinuance of electrical service to conductors or equipment that
36 are found to be in a dangerous or unsafe condition and not in
37 accordance with this chapter. Upon making a disconnection the

1 inspector shall attach a notice stating that the conductors have been
2 found dangerous to life or property and are not in accordance with this
3 chapter. It is unlawful for any person to reconnect such defective
4 conductors or equipment without the approval of the department, and
5 until the conductors and equipment have been placed in a safe and
6 secure condition, and in a condition that complies with this chapter.

7 (4) The director, through the electrical inspector, has the right
8 during reasonable hours to enter into and upon any building or premises
9 in the discharge of his or her official duties for the purpose of
10 making any inspection or test of the installation of new construction
11 or altered electrical wiring, electrical devices, equipment, or
12 material contained in or on the buildings or premises. No electrical
13 wiring or equipment subject to this chapter may be concealed until it
14 has been approved by the inspector making the inspection. At the time
15 of the inspection, electrical wiring or equipment subject to this
16 chapter must be sufficiently accessible to permit the inspector to
17 employ any testing methods that will verify conformance with the
18 national electrical code and any other requirements of this chapter.

19 (5) Persons, firms, partnerships, corporations, or other entities
20 making electrical installations shall obtain inspection and approval
21 from an authorized representative of the department as required by this
22 chapter before requesting the electric utility to connect to the
23 installations. Electric utilities may connect to the installations if
24 approval is clearly indicated by certification of the electrical work
25 permit required to be affixed to each installation or by equivalent
26 means, except that increased or relocated services may be reconnected
27 immediately at the discretion of the utility before approval if an
28 electrical work permit is displayed. The permits shall be furnished
29 upon payment of the fee to the department.

30 (6) The director, subject to the recommendations and approval of
31 the board, shall set by rule a schedule of license and electrical work
32 permit fees that will cover the costs of administration and enforcement
33 of this chapter. The rules shall be adopted in accordance with the
34 administrative procedure act, chapter 34.05 RCW. No fee may be charged
35 for plug-in mobile homes, recreational vehicles, or portable
36 appliances.

37 (7) Nothing in this chapter shall authorize the inspection of any
38 wiring, appliance, device, or equipment, or installations thereof, by

1 any utility or by any person, firm, partnership, corporation, or other
2 entity employed by a utility in connection with the installation,
3 repair, or maintenance of lines, wires, apparatus, or equipment owned
4 by or under the control of the utility. All work covered by the
5 national electric code not exempted by the 1981 edition of the national
6 electric code 90-2(B)(5) shall be inspected by the department.

7 (8) No permit or inspection is required for the repair,
8 maintenance, or replacement of appliances.

9 (9) No permit or inspection is required for the repair,
10 maintenance, or replacement of industrial and commercial equipment.

11 (10) No permit or inspection is required for the installation,
12 repair, maintenance, or replacement of boilers.

13 (11) No permit or inspection is required for the installation,
14 alteration, or maintenance of all electrical systems for travel
15 trailers, or the like-in-kind replacement of a circuit breaker, fuse,
16 residential luminaire, lamp, snap switch, dimmer, receptacle outlet,
17 thermostat, heating element, luminaire ballast with an exact same
18 ballast, contactor, relay, timer, starter, circuit board, or similar
19 control component, or ten horsepower or smaller motor.

20 (12) No permit or inspection is required for incidental electrical
21 work conducted by plumbers as provided in section 7 of this act.

22 (13) The department may create a "small job electrical work" system
23 in which inspections are not required for all electrical projects and
24 may be conducted on a random basis or at the request of individuals.
25 The permit fee for the small job electrical work system may be less
26 than the actual costs of conducting an inspection. The department must
27 give reasonable notice of inspections, and may only inspect if the
28 inspection is approved by the person whose premises are being
29 inspected. Prior to conducting an inspection, the department must
30 notify the person whose premises are being inspected that he or she has
31 the right to refuse the inspection.

32 **Sec. 4.** RCW 19.28.141 and 2001 c 211 s 9 are each amended to read
33 as follows:

34 The provisions of RCW 19.28.101 shall not apply:

35 (1) Within the corporate limits of any incorporated city or town
36 which has heretofore adopted and enforced or subsequently adopts and

1 enforces an ordinance requiring an equal, higher or better standard of
2 construction and of materials, devices, appliances and equipment than
3 is required by this chapter.

4 (2) Within the service area of an electricity supply agency owned
5 and operated by a city or town which is supplying electricity and
6 enforcing a standard of construction and materials outside its
7 corporate limits at the time this act takes effect: PROVIDED, That
8 such city, town or agency shall henceforth enforce by inspection within
9 its service area outside its corporate limits the same standards of
10 construction and of materials, devices, appliances and equipment as is
11 enforced by the department of labor and industries under the authority
12 of this chapter except that no inspection or electrical work permit is
13 required for: (a) The installation, alteration, or maintenance of all
14 electrical systems for travel trailers; or (b) the like-in-kind
15 replacement of a circuit breaker, fuse, residential luminaire, lamp,
16 snap switch, dimmer, receptacle outlet, thermostat, heating element,
17 luminaire ballast with an exact same ballast, contactor, relay, timer,
18 starter, circuit board, or similar control component, or ten horsepower
19 or smaller motor or electrical work done under section 7 of this act:
20 PROVIDED FURTHER, That inspection fees charged henceforth in connection
21 with such enforcement shall not exceed those established in RCW
22 19.28.101 and the cities must also participate in the small-job
23 electrical permit procedures provided by the department in RCW
24 19.28.101.

25 (3) Within the rights of way of state highways, provided the state
26 department of transportation maintains and enforces an equal, higher or
27 better standard of construction and of materials, devices, appliances
28 and equipment than is required by RCW 19.28.010 through 19.28.141 and
29 19.28.311 through 19.28.361.

30 **Sec. 5.** RCW 19.28.261 and 2001 c 211 s 19 are each amended to read
31 as follows:

32 Nothing in RCW 19.28.161 through 19.28.271 shall be construed to
33 require that a person obtain a license or a certified electrician in
34 order to do electrical work at his or her residence or farm or place of
35 business or on other property owned by him or her unless the electrical
36 work is on the construction of a new building intended for rent, sale,
37 or lease. However, if the construction is of a new residential

1 building with up to four units intended for rent, sale, or lease, the
2 owner may receive an exemption from the requirement to obtain a license
3 or use a certified electrician if he or she provides a signed affidavit
4 to the department stating that he or she will be performing the work
5 and will occupy one of the units as his or her principal residence.
6 The owner shall apply to the department for this exemption and may only
7 receive an exemption once every twenty-four months. It is intended
8 that the owner receiving this exemption shall occupy the unit as his or
9 her principal residence for twenty-four months after completion of the
10 units. Nothing in RCW 19.28.161 through 19.28.271 shall be intended to
11 derogate from or dispense with the requirements of any valid electrical
12 code enacted by a city or town pursuant to RCW 19.28.010(3), except
13 that no code shall require the holder of a certificate of competency to
14 demonstrate any additional proof of competency or obtain any other
15 license or pay any fee in order to engage in the electrical
16 construction trade. RCW 19.28.161 through 19.28.271 shall not apply to
17 common carriers subject to Part I of the Interstate Commerce Act, nor
18 to their officers and employees. Nothing in RCW 19.28.161 through
19 19.28.271 shall be deemed to apply to the installation or maintenance
20 of telephone, telegraph, radio, or television wires and equipment; nor
21 to any electrical utility or its employees in the installation, repair,
22 and maintenance of electrical wiring, circuits, and equipment by or for
23 the utility, or comprising a part of its plants, lines or systems. The
24 licensing provisions of RCW 19.28.161 through 19.28.271 shall not apply
25 to:

26 (1) Persons making electrical installations on their own property
27 or to regularly employed employees working on the premises of their
28 employer, unless the electrical work is on the construction of a new
29 building intended for rent, sale, or lease;

30 (2) Employees of an employer while the employer is performing
31 utility type work of the nature described in RCW 19.28.091 so long as
32 such employees have registered in the state of Washington with or
33 graduated from a state-approved outside lineman apprenticeship course
34 that is recognized by the department and that qualifies a person to
35 perform such work; ((~~or~~))

36 (3) Any work exempted under RCW 19.28.091(6);

37 (4) The repair, maintenance, or replacement of appliances;

1 (5) The repair, maintenance, or replacement of industrial and
2 commercial equipment;

3 (6) The installation, repair, maintenance, or replacement of
4 boilers; or

5 (7) Incidental electrical work conducted by plumbers as provided in
6 section 7 of this act.

7 Nothing in RCW 19.28.161 through 19.28.271 shall be construed to
8 restrict the right of any householder to assist or receive assistance
9 from a friend, neighbor, relative or other person when none of the
10 individuals doing the electrical installation hold themselves out as
11 engaged in the trade or business of electrical installations. Nothing
12 precludes any person who is exempt from the licensing requirements of
13 this chapter under this section from obtaining a journeyman or
14 specialty certificate of competency if they otherwise meet the
15 requirements of this chapter.

16 **Sec. 6.** RCW 19.28.371 and 1981 c 57 s 1 are each amended to read
17 as follows:

18 ~~((Any))~~ (1) A medical device ~~((used or useful in the diagnosis or~~
19 ~~treatment of disease or injury))~~ which is not in violation of the
20 Medical Device Amendments of 1976, Public Law No. 94-295, 90 Stat. 539,
21 as amended from time to time, and as interpreted by the Food and Drug
22 Administration of the United States Department of Health and Human
23 Services or its successor, shall be deemed to be in compliance with all
24 requirements imposed by this chapter.

25 (2) The installation, maintenance, or repair of a medical device
26 deemed in compliance with this chapter is exempt from licensing
27 requirements under RCW 19.28.091, certification requirements under RCW
28 19.28.161, and inspection and permitting requirements under RCW
29 19.28.101. This exemption does not include work providing electrical
30 feeds into the power distribution unit or installation of conduits and
31 raceways. This exemption covers only those factory engineers or third-
32 party service companies with equivalent training who are qualified to
33 perform the service.

34 NEW SECTION. **Sec. 7.** A new section is added to chapter 18.106 RCW
35 to read as follows:

36 (1) Nothing in chapter 19.28 RCW may be construed to require a

1 person to obtain a license required by RCW 19.28.041, be a certified
2 electrician required by RCW 19.28.161, obtain an electrical permit, or
3 have their work inspected as required by RCW 19.28.101 if:

4 (a) A person is a plumber currently certified under this chapter
5 and is registered or doing the work for a contractor registered under
6 chapter 18.27 RCW;

7 (b) A person does electrical work that is incidental to doing
8 plumbing, which includes disconnecting and reconnecting electrical
9 supplies in the performance of their plumbing work and like-for-like
10 replacements of plumbing fixtures and components of plumbing fixtures
11 that require electrical supply. For the purposes of this section, a
12 plumbing fixture is any fixture that is connected to a potable water
13 supply;

14 (c) A person does not install, repair, or modify branch circuit
15 conductors, services, feeders, panelboards, disconnect switches, or
16 raceway/conductor systems to or interconnecting multiple electrical
17 devices. The person may disconnect and reconnect low voltage control
18 and line voltage supply whips not over six inches in length, provided
19 there are no modifications to the characteristics of the branch
20 circuit; and

21 (d) The person encounters electrical hazards while doing work under
22 this section, and the person notifies the owner.

23 (2) It is a violation of this chapter for a person to make an
24 electrical connection if a hazard exists.

25 **Sec. 8.** RCW 18.106.070 and 1997 c 326 s 6 are each amended to read
26 as follows:

27 (1) The department shall issue a certificate of competency to all
28 applicants who have passed the examination and have paid the fee for
29 the certificate. The certificate shall bear the date of issuance, and
30 shall expire on the birthdate of the holder immediately following the
31 date of issuance. The certificate shall be renewable every other year,
32 upon application, on or before the birthdate of the holder. ((A
33 ~~renewal fee shall be assessed for each certificate.~~) The department
34 shall renew a certificate of competency if the applicant: (a) Pays the
35 renewal fee assessed by the department; and (b) during the past two
36 years has completed sixteen hours of continuing education approved by
37 the department with the advice of the advisory board, including four

1 hours related to electrical safety. If a person fails to renew the
2 certificate by the renewal date, he or she must pay a doubled fee. If
3 the person does not renew the certificate within ninety days of the
4 renewal date, he or she must retake the examination and pay the
5 examination fee.

6 The journeyman plumber and specialty plumber certificates of
7 competency, the medical gas piping installer endorsement, and the
8 temporary permit provided for in this chapter grant the holder the
9 right to engage in the work of plumbing as a journeyman plumber,
10 specialty plumber, or medical gas piping installer, in accordance with
11 their provisions throughout the state and within any of its political
12 subdivisions on any job or any employment without additional proof of
13 competency or any other license or permit or fee to engage in the work.
14 This section does not preclude employees from adhering to a union
15 security clause in any employment where such a requirement exists.

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

1 (3) Any person who has been issued a plumbing training certificate
2 under this chapter may work if that person is under supervision.
3 Supervision shall consist of a person being on the same job site and
4 under the control of either a journeyman plumber or an appropriate
5 specialty plumber who has an applicable certificate of competency
6 issued under this chapter. Either a journeyman plumber or an
7 appropriate specialty plumber shall be on the same job site as the
8 noncertified individual for a minimum of seventy-five percent of each
9 working day unless otherwise provided in this chapter. The ratio of
10 noncertified individuals to certified journeymen or specialty plumbers
11 working on a job site shall be: (a) From July 28, 1985, through June
12 30, 1988, not more than three noncertified plumbers working on any one
13 job site for every certified journeyman or specialty plumber; (b)
14 effective July 1, 1988, not more than two noncertified plumbers working
15 on any one job site for every certified specialty plumber or journeyman
16 plumber working as a specialty plumber; and (c) effective July 1, 1988,
17 not more than one noncertified plumber working on any one job site for
18 every certified journeyman plumber working as a journeyman plumber.

19 An individual who has a current training certificate and who has
20 successfully completed or is currently enrolled in an approved
21 apprenticeship program or in a technical school program in the plumbing
22 construction trade in a school approved by the work force training and
23 education coordinating board, may work without direct on-site
24 supervision during the last six months of meeting the practical
25 experience requirements of this chapter.

26 (4) An individual who has a current training certificate and who
27 has successfully completed or is currently enrolled in a medical gas
28 piping installer training course approved by the department may work on
29 medical gas piping systems if the individual is under the direct
30 supervision of a certified medical gas piping installer who holds a
31 medical gas piping installer endorsement one hundred percent of a
32 working day on a one-to-one ratio.

33 (5) The training to become a certified plumber must include not
34 less than sixteen hours of classroom training established by the
35 director with the advice of the board and the department. The
36 classroom training must include, but not be limited to, electrical
37 wiring safety, grounding, bonding, and other related items plumbers
38 need to know to work under section 7 of this act.

1 (6) All persons who are certified plumbers before January 1, 2003,
2 are deemed to have received the classroom training required in
3 subsection (5) of this section.

4 **Sec. 9.** RCW 18.106.150 and 1973 1st ex.s. c 175 s 15 are each
5 amended to read as follows:

6 Nothing in this chapter shall be construed to require that a person
7 obtain a license or a certified plumber in order to do plumbing work at
8 his or her residence or farm or place of business or on other property
9 owned by him or her. Any person performing plumbing work on a farm may
10 do so without having a current certificate of competency or apprentice
11 permit: PROVIDED, HOWEVER, That nothing in this chapter shall be
12 intended to derogate from or dispense with the requirements of any
13 valid plumbing code enacted by a political subdivision of the state,
14 except that no code shall require the holder of a certificate of
15 competency to demonstrate any additional proof of competency or obtain
16 any other license or pay any fee in order to engage in the trade of
17 plumbing: AND PROVIDED FURTHER, That this chapter shall not apply to
18 common carriers subject to Part I of the Interstate Commerce Act, nor
19 to their officers and employees: AND PROVIDED FURTHER, That nothing in
20 this chapter shall be construed to apply to any farm, business,
21 industrial plant, or corporation doing plumbing work on premises it
22 owns or operates: AND PROVIDED FURTHER, That nothing in this chapter
23 shall be construed to restrict the right of any householder to assist
24 or receive assistance from a friend, neighbor, relative or other person
25 when none of the individuals doing such plumbing hold themselves out as
26 engaged in the trade or business of plumbing.

27 Nothing in this chapter may be construed to require a person that
28 has been issued a certificate as a journeyman electrician or
29 residential specialty electrician under chapter 19.28 RCW and employed
30 by an electrical contractor licensed under chapter 19.28 RCW to obtain
31 a license or be a certified plumber as otherwise required by this
32 chapter to do plumbing work that is incidental to doing the electrical
33 work within their authorized scope of work to do like-for-like
34 replacements of plumbing fixtures and components of plumbing fixtures
35 that require an electrical supply to operate. For the purposes of this
36 section, a plumbing fixture is any fixture that is connected to a

1 potable water supply, provided that the electrician does not install,
2 repair, or modify the potable water supply system other than to
3 disconnect and reconnect the plumbing connections to the fixture.

4 NEW SECTION. Sec. 10. A new section is added to chapter 70.79 RCW
5 to read as follows:

6 After January 1, 2004, no person may work on, service, maintain, or
7 modify electrical controls on a boiler for which an inspection is
8 required by this chapter unless that person has been issued an
9 electrical boiler certificate from the chief boiler inspector or the
10 chief boiler inspector's designee.

11 (1) The chief boiler inspector shall issue an electrical boiler
12 certificate to any person who successfully passes an examination for
13 the certificate.

14 (2) The chief boiler inspector and the board of boiler rules shall
15 prepare an examination for the certificate with the advice of the chief
16 electrical inspector.

17 (3) The chief boiler inspector shall charge a fee, established by
18 rule, to cover the cost of administering the examination, issuing the
19 certificates, and administering this program, and those fees must be
20 deposited into the pressure systems safety fund.

21 (4) A person who can demonstrate to the chief boiler inspector that
22 he or she has no less than twenty-four months of experience working on
23 boilers with electrical controls prior to January 1, 2003, must be
24 issued a certificate without having to pass an examination.

--- END ---