
ENGROSSED 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 if the person or
36 entity has received a letter from a manufacturer of that category of
37 equipment recognizing the person's or entity's qualifications to
38 repair, maintain, or replace that type of equipment and the individual

1 working on the equipment either: (a) Has a written verification issued
2 by the employer that the individual has at least two thousand hours of
3 experience repairing, maintaining, or replacing equipment; or (b) is
4 directly supervised by an individual with such a verification.

5 (9) No license under the provisions of this chapter shall be
6 required from any person, firm, partnership, corporation, or other
7 entity because of work in connection with the installation, repair,
8 maintenance, or replacement of boilers.

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

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

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

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

32 (3) Whenever the installation of any wiring, device, appliance, or
33 equipment is not in accordance with this chapter, or is in such a
34 condition as to be dangerous to life or property, the person, firm,
35 partnership, corporation, or other entity owning, using, or operating
36 it shall be notified by the department and shall within fifteen days,
37 or such further reasonable time as may upon request be granted, make

1 such repairs and changes as are required to remove the danger to life
2 or property and to make it conform to this chapter. The director,
3 through the inspector, is hereby empowered to disconnect or order the
4 discontinuance of electrical service to conductors or equipment that
5 are found to be in a dangerous or unsafe condition and not in
6 accordance with this chapter. Upon making a disconnection the
7 inspector shall attach a notice stating that the conductors have been
8 found dangerous to life or property and are not in accordance with this
9 chapter. It is unlawful for any person to reconnect such defective
10 conductors or equipment without the approval of the department, and
11 until the conductors and equipment have been placed in a safe and
12 secure condition, and in a condition that complies with this chapter.

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

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

36 (6) The director, subject to the recommendations and approval of
37 the board, shall set by rule a schedule of license and electrical work
38 permit fees that will cover the costs of administration and enforcement

1 of this chapter. The rules shall be adopted in accordance with the
2 administrative procedure act, chapter 34.05 RCW. No fee may be charged
3 for plug-in mobile homes, recreational vehicles, or portable
4 appliances.

5 (7) Nothing in this chapter shall authorize the inspection of any
6 wiring, appliance, device, or equipment, or installations thereof, by
7 any utility or by any person, firm, partnership, corporation, or other
8 entity employed by a utility in connection with the installation,
9 repair, or maintenance of lines, wires, apparatus, or equipment owned
10 by or under the control of the utility. All work covered by the
11 national electric code not exempted by the 1981 edition of the national
12 electric code 90-2(B)(5) shall be inspected by the department.

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

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

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

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

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

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

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

3 The provisions of RCW 19.28.101 shall not apply:

4 (1) Within the corporate limits of any incorporated city or town
5 which has heretofore adopted and enforced or subsequently adopts and
6 enforces an ordinance requiring an equal, higher or better standard of
7 construction and of materials, devices, appliances and equipment than
8 is required by this chapter.

9 (2) Within the service area of an electricity supply agency owned
10 and operated by a city or town which is supplying electricity and
11 enforcing a standard of construction and materials outside its
12 corporate limits at the time this act takes effect: PROVIDED, That
13 such city, town or agency shall henceforth enforce by inspection within
14 its service area outside its corporate limits the same standards of
15 construction and of materials, devices, appliances and equipment as is
16 enforced by the department of labor and industries under the authority
17 of this chapter except that no inspection or electrical work permit is
18 required for: (a) The installation, alteration, or maintenance of all
19 electrical systems for travel trailers; or (b) the like-in-kind
20 replacement of a circuit breaker, fuse, residential luminaire, lamp,
21 snap switch, dimmer, receptacle outlet, thermostat, heating element,
22 luminaire ballast with an exact same ballast, contactor, relay, timer,
23 starter, circuit board, or similar control component, or ten horsepower
24 or smaller motor or electrical work done under section 7 of this act:
25 PROVIDED FURTHER, That inspection fees charged henceforth in connection
26 with such enforcement shall not exceed those established in RCW
27 19.28.101 and the cities must also participate in the small-job
28 electrical permit procedures provided by the department in RCW
29 19.28.101.

30 (3) Within the rights of way of state highways, provided the state
31 department of transportation maintains and enforces an equal, higher or
32 better standard of construction and of materials, devices, appliances
33 and equipment than is required by RCW 19.28.010 through 19.28.141 and
34 19.28.311 through 19.28.361.

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

37 Nothing in RCW 19.28.161 through 19.28.271 shall be construed to

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

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

35 (2) Employees of an employer while the employer is performing
36 utility type work of the nature described in RCW 19.28.091 so long as
37 such employees have registered in the state of Washington with or

1 graduated from a state-approved outside lineman apprenticeship course
2 that is recognized by the department and that qualifies a person to
3 perform such work; ((~~or~~))

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

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

6 (5) The repair, maintenance, or replacement of industrial and
7 commercial equipment;

8 (6) The installation, repair, maintenance, or replacement of
9 boilers; or

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

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

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

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

30 (2) The installation, maintenance, or repair of a medical device
31 deemed in compliance with this chapter is exempt from licensing
32 requirements under RCW 19.28.091, certification requirements under RCW
33 19.28.161, and inspection and permitting requirements under RCW
34 19.28.101. This exemption does not include work providing electrical
35 feeds into the power distribution unit or installation of conduits and
36 raceways. This exemption covers only those factory engineers or third-

1 party service companies with equivalent training who are qualified to
2 perform the service.

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

5 (1) Nothing in chapter 19.28 RCW may be construed to require a
6 person to obtain a license required by RCW 19.28.041, be a certified
7 electrician required by RCW 19.28.161, obtain an electrical permit, or
8 have their work inspected as required by RCW 19.28.101 if:

9 (a) A person is a plumber currently certified under this chapter
10 and is registered or doing the work for a contractor registered under
11 chapter 18.27 RCW;

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

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

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

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

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

32 (1) The department shall issue a certificate of competency to all
33 applicants who have passed the examination and have paid the fee for
34 the certificate. The certificate shall bear the date of issuance, and
35 shall expire on the birthdate of the holder immediately following the
36 date of issuance. The certificate shall be renewable every other year,

1 upon application, on or before the birthdate of the holder. ((A
2 ~~renewal fee shall be assessed for each certificate.~~) The department
3 shall renew a certificate of competency if the applicant: (a) Pays the
4 renewal fee assessed by the department; and (b) during the past two
5 years has completed sixteen hours of continuing education approved by
6 the department with the advice of the advisory board, including four
7 hours related to electrical safety. If a person fails to renew the
8 certificate by the renewal date, he or she must pay a doubled fee. If
9 the person does not renew the certificate within ninety days of the
10 renewal date, he or she must retake the examination and pay the
11 examination fee.

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

22 (2) A person who is indentured in an apprenticeship program
23 approved under chapter 49.04 RCW for the plumbing construction trade or
24 who is learning the plumbing construction trade may work in the
25 plumbing construction trade if supervised by a certified journeyman
26 plumber or a certified specialty plumber in that plumber's specialty.
27 All apprentices and individuals learning the plumbing construction
28 trade shall obtain a plumbing training certificate from the department.
29 The certificate shall authorize the holder to learn the plumbing
30 construction trade while under the direct supervision of a journeyman
31 plumber or a specialty plumber working in his or her specialty. The
32 holder of the plumbing training certificate shall renew the certificate
33 annually. At the time of renewal, the holder shall provide the
34 department with an accurate list of the holder's employers in the
35 plumbing construction industry for the previous year and the number of
36 hours worked for each employer. An annual fee shall be charged for the
37 issuance or renewal of the certificate. The department shall set the
38 fee by rule. The fee shall cover but not exceed the cost of

1 administering and enforcing the trainee certification and supervision
2 requirements of this chapter. Apprentices and individuals learning the
3 plumbing construction trade shall have their plumbing training
4 certificates in their possession at all times that they are performing
5 plumbing work. They shall show their certificates to an authorized
6 representative of the department at the representative's request.

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

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

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

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

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

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

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

33 Nothing in this chapter may be construed to require a person that
34 has been issued a certificate as a journeyman electrician or
35 residential specialty electrician under chapter 19.28 RCW and employed
36 by an electrical contractor licensed under chapter 19.28 RCW to obtain
37 a license or be a certified plumber as otherwise required by this

1 chapter to do plumbing work that is incidental to doing the electrical
2 work within their authorized scope of work to do like-for-like
3 replacements of plumbing fixtures and components of plumbing fixtures
4 that require an electrical supply to operate. For the purposes of this
5 section, a plumbing fixture is any fixture that is connected to a
6 potable water supply, provided that the electrician does not install,
7 repair, or modify the potable water supply system other than to
8 disconnect and reconnect the plumbing connections to the fixture.

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

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

16 (1) The chief boiler inspector shall issue an electrical boiler
17 certificate to any person who successfully passes an examination for
18 the certificate.

19 (2) The chief boiler inspector and the board of boiler rules shall
20 prepare an examination for the certificate with the advice of the chief
21 electrical inspector.

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

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

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