

1 **ESSB 5713 - H COMM AMD NOT ADOPTED 4/18/03**  
2 By Committee on Commerce & Labor

3 Strike everything after the enacting clause and insert the  
4 following:

5 **PART 1 - DEFINITIONS**

6 **Sec. 101.** RCW 19.28.006 and 2002 c 249 s 1 are each amended to  
7 read as follows:

8 The definitions in this section apply throughout this  
9 subchapter.

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

13 (2) "Basic electrical work" means the work classified in (a)  
14 and (b) of this subsection as class A and class B basic electrical  
15 work:

16 (a) "Class A basic electrical work" means the like-in-kind  
17 replacement of a: Contactor, relay, timer, starter, circuit board,  
18 or similar control component; household appliance; circuit breaker;  
19 fuse; residential luminaire; lamp; snap switch; dimmer; receptacle  
20 outlet; thermostat; heating element; luminaire ballast with an  
21 exact same ballast; ten horsepower or smaller motor; or wiring,  
22 appliances, devices, or equipment as specified by rule.

23 (b) "Class B basic electrical work" means work other than class  
24 A basic electrical work that requires minimal electrical circuit  
25 modifications and has limited exposure hazards. Class B basic  
26 electrical work includes the following:

27 (i) Extension of not more than one branch electrical circuit  
28 limited to one hundred twenty volts and twenty amps each where:

29 (A) No cover inspection is necessary; and

30 (B) The extension does not supply more than two outlets;

1 (ii) Like-in-kind replacement of a single luminaire not  
2 exceeding two hundred seventy-seven volts and twenty amps;

3 (iii) Like-in-kind replacement of a motor larger than ten  
4 horsepower;

5 (iv) The following low voltage systems:

6 (A) Repair and replacement of devices not exceeding one hundred  
7 volt-amperes in Class 2, Class 3, or power limited low voltage  
8 systems in one and two-family dwellings;

9 (B) Repair and replacement of the following devices not  
10 exceeding one hundred volt-amperes in Class 2, Class 3, or power  
11 limited low voltage systems in other buildings, provided the  
12 equipment is not for fire alarm or nurse call systems and is not  
13 located in an area classified as hazardous by the national  
14 electrical code; or

15 (v) Wiring, appliances, devices, or equipment as specified by  
16 rule.

17 (3) "Board" means the electrical board under RCW 19.28.311.

18 ((+3)) (4) "Chapter" or "subchapter" means the subchapter, if  
19 no chapter number is referenced.

20 ((+4)) (5) "Department" means the department of labor and  
21 industries.

22 ((+5)) (6) "Director" means the director of the department or  
23 the director's designee.

24 ((+6)) (7) "Electrical construction trade" includes but is not  
25 limited to installing or maintaining electrical wires and equipment  
26 that are used for light, heat, or power and installing and  
27 maintaining remote control, signaling, power limited, or  
28 communication circuits or systems.

29 ((+7)) (8) "Electrical contractor" means a person, firm,  
30 partnership, corporation, or other entity that offers to undertake,  
31 undertakes, submits a bid for, or does the work of installing or  
32 maintaining wires or equipment that convey electrical current.

33 ((+8)) (9) "Equipment" means any equipment or apparatus that  
34 directly uses, conducts, insulates, or is operated by electricity  
35 but does not mean: Plug-in appliances; or plug-in equipment as  
36 determined by the department by rule.

37 ((+9)) (10) "Industrial control panel" means a factory-wired  
38 or user-wired assembly of industrial control equipment such as  
39 motor controllers, switches, relays, power supplies, computers,

1 cathode ray tubes, transducers, and auxiliary devices. The panel  
2 may include disconnect means and motor branch circuit protective  
3 devices.

4 ~~((+10))~~ (11) "Journeyman electrician" means a person who has  
5 been issued a journeyman electrician certificate of competency by  
6 the department.

7 ~~((+11))~~ (12) "Like-in-kind" means having similar  
8 characteristics such as voltage requirements, current draw, and  
9 function, and being in the same location.

10 (13) "Master electrician" means either a master journeyman  
11 electrician or master specialty electrician.

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

17 ~~((+13))~~ (15) "Master specialty electrician" means a person who  
18 has been issued a specialty electrician certificate of competency  
19 by the department and who may be designated by an electrical  
20 contractor to supervise electrical work and electricians in  
21 accordance with rules adopted under this chapter.

22 ~~((+14))~~ (16) "Specialty electrician" means a person who has  
23 been issued a specialty electrician certificate of competency by  
24 the department.

25 **Sec. 102.** RCW 18.106.010 and 2002 c 82 s 1 are each amended to  
26 read as follows:

27 Unless a different meaning is plainly required by the context,  
28 the following words and phrases as hereinafter used in this chapter  
29 shall have the following meaning:

30 (1) "Advisory board" means the state advisory board of  
31 plumbers;

32 (2) "Contractor" means any person, corporate or otherwise, who  
33 engages in, or offers or advertises to engage in, any work covered  
34 by the provisions of this chapter by way of trade or business, or  
35 any person, corporate or otherwise, who employs anyone, or offers  
36 or advertises to employ anyone, to engage in any work covered by  
37 the provisions of this chapter;

38 (3) "Department" means the department of labor and industries;

1 (4) "Director" means the director of department of labor and  
2 industries;

3 (5) "Journeyman plumber" means any person who has been issued  
4 a certificate of competency by the department of labor and  
5 industries as provided in this chapter;

6 (6) "Like-in-kind" means having similar characteristics such as  
7 plumbing size, type, and function, and being in the same location;

8 (7) "Medical gas piping" means oxygen, nitrous oxide, high  
9 pressure nitrogen, medical compressed air, and medical vacuum  
10 systems;

11 (~~(7)~~) (8) "Medical gas piping installer" means a journeyman  
12 plumber who has been issued a medical gas piping installer  
13 endorsement;

14 (~~(8)~~) (9) "Plumbing" means that craft involved in installing,  
15 altering, repairing and renovating potable water systems, liquid  
16 waste systems, and medical gas piping systems within a building.  
17 Installation in a water system of water softening or water  
18 treatment equipment is not within the meaning of plumbing as used  
19 in this chapter;

20 (~~(9)~~) (10) "Specialty plumber" means anyone who has been  
21 issued a specialty certificate of competency limited to:

22 (a) Installation, maintenance, and repair of the plumbing of  
23 single-family dwellings, duplexes, and apartment buildings that do  
24 not exceed three stories; or

25 (b) Maintenance and repair of backflow prevention assemblies.

## 26 PART 2 - BASIC ELECTRICAL WORK

27 **Sec. 201.** RCW 19.28.101 and 1996 c 241 s 4 are each amended to  
28 read as follows:

29 (1) The director shall cause an inspector to inspect all  
30 wiring, appliances, devices, and equipment to which this chapter  
31 applies except for basic electrical work as defined in this  
32 chapter. The department may not require an electrical work permit  
33 for class A basic electrical work unless deficiencies in the  
34 installation or repair require inspection. The department may  
35 inspect class B basic electrical work on a random basis as  
36 specified by the department in rule. Nothing contained in this  
37 chapter may be construed as providing any authority for any

1 subdivision of government to adopt by ordinance any provisions  
2 contained or provided for in this chapter except those pertaining  
3 to cities and towns pursuant to RCW 19.28.010(3).

4 (2) Upon request, electrical inspections will be made by the  
5 department within forty-eight hours, excluding holidays, Saturdays,  
6 and Sundays. If, upon written request, the electrical inspector  
7 fails to make an electrical inspection within twenty-four hours,  
8 the serving utility may immediately connect electrical power to the  
9 installation if the necessary electrical work permit is displayed:  
10 PROVIDED, That if the request is for an electrical inspection that  
11 relates to a mobile home installation, the applicant shall provide  
12 proof of a current building permit issued by the local government  
13 agency authorized to issue such permits as a prerequisite for  
14 inspection approval or connection of electrical power to the mobile  
15 home.

16 (3) Whenever the installation of any wiring, device, appliance,  
17 or equipment is not in accordance with this chapter, or is in such  
18 a condition as to be dangerous to life or property, the person,  
19 firm, partnership, corporation, or other entity owning, using, or  
20 operating it shall be notified by the department and shall within  
21 fifteen days, or such further reasonable time as may upon request  
22 be granted, make such repairs and changes as are required to remove  
23 the danger to life or property and to make it conform to this  
24 chapter. The director, through the inspector, is hereby empowered  
25 to disconnect or order the discontinuance of electrical service to  
26 conductors or equipment that are found to be in a dangerous or  
27 unsafe condition and not in accordance with this chapter. Upon  
28 making a disconnection the inspector shall attach a notice stating  
29 that the conductors have been found dangerous to life or property  
30 and are not in accordance with this chapter. It is unlawful for  
31 any person to reconnect such defective conductors or equipment  
32 without the approval of the department, and until the conductors  
33 and equipment have been placed in a safe and secure condition, and  
34 in a condition that complies with this chapter.

35 (4) The director, through the electrical inspector, has the  
36 right during reasonable hours to enter into and upon any building  
37 or premises in the discharge of his or her official duties for the  
38 purpose of making any inspection or test of the installation of new  
39 construction or altered electrical wiring, electrical devices,

1 equipment, or material contained in or on the buildings or  
2 premises. No electrical wiring or equipment subject to this  
3 chapter may be concealed until it has been approved by the  
4 inspector making the inspection. At the time of the inspection,  
5 electrical wiring or equipment subject to this chapter must be  
6 sufficiently accessible to permit the inspector to employ any  
7 testing methods that will verify conformance with the national  
8 electrical code and any other requirements of this chapter.

9 (5) Persons, firms, partnerships, corporations, or other  
10 entities making electrical installations shall obtain inspection  
11 and approval from an authorized representative of the department as  
12 required by this chapter before requesting the electric utility to  
13 connect to the installations. Electric utilities may connect to  
14 the installations if approval is clearly indicated by certification  
15 of the electrical work permit required to be affixed to each  
16 installation or by equivalent means, except that increased or  
17 relocated services may be reconnected immediately at the discretion  
18 of the utility before approval if an electrical work permit is  
19 displayed. The permits shall be furnished upon payment of the fee  
20 to the department.

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

28 (7) Nothing in this chapter shall authorize the inspection of  
29 any wiring, appliance, device, or equipment, or installations  
30 thereof, by any utility or by any person, firm, partnership,  
31 corporation, or other entity employed by a utility in connection  
32 with the installation, repair, or maintenance of lines, wires,  
33 apparatus, or equipment owned by or under the control of the  
34 utility. All work covered by the national electric code not  
35 exempted by the 1981 edition of the national electric code 90-  
36 2(B)(5) shall be inspected by the department.

37 **Sec. 202.** RCW 19.28.141 and 2001 c 211 s 9 are each amended to  
38 read as follows:



1 electricity from the source of supply to the point of contact at  
2 the premises and/or property to be supplied and service connections  
3 and meters and other apparatus or appliances used in the  
4 measurement of the consumption of electricity by the customer.

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

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

10 (b) Lines, wires, apparatus, or equipment owned by a  
11 commercial, industrial, or public institution customer that are an  
12 integral part of a transmission or distribution system, either  
13 overhead or underground, providing service to such customer and  
14 located outside the building or structure: PROVIDED, That a  
15 utility does not initiate the sale of services to perform such  
16 work;

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

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

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

32 (5) 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 installation, repair,  
35 or maintenance of wires and equipment, and installations thereof,  
36 exempted in RCW 19.28.010.

37 (6) The department may by rule exempt from licensing  
38 requirements under this chapter work performed on premanufactured  
39 electric power generation equipment assemblies and control gear

1 involving the testing, repair, modification, maintenance, or  
2 installation of components internal to the power generation  
3 equipment, the control gear, or the transfer switch.

4 (7) An entity that currently holds a valid specialty or general  
5 plumbing contractor's registration under chapter 18.27 RCW may  
6 employ a certified plumber, a certified residential plumber, or a  
7 plumber trainee meeting the requirements of chapter 18.106 RCW to  
8 perform electrical work that is incidentally, directly, and  
9 immediately appropriate to the like-in-kind replacement of a  
10 household appliance or other small household utilization equipment  
11 that requires limited electric power and limited waste and/or water  
12 connections. A plumber trainee must be supervised by a certified  
13 plumber or a certified residential plumber while performing  
14 electrical work. The electrical work is subject to the permitting  
15 and inspection requirements of this chapter.

16 **Sec. 302.** RCW 19.28.261 and 2001 c 211 s 19 are each amended  
17 to read as follows:

18 (1) Nothing in RCW 19.28.161 through 19.28.271 shall be  
19 construed to require that a person obtain a license or a certified  
20 electrician in order to do electrical work at his or her residence  
21 or farm or place of business or on other property owned by him or  
22 her unless the electrical work is on the construction of a new  
23 building intended for rent, sale, or lease. However, if the  
24 construction is of a new residential building with up to four units  
25 intended for rent, sale, or lease, the owner may receive an  
26 exemption from the requirement to obtain a license or use a  
27 certified electrician if he or she provides a signed affidavit to  
28 the department stating that he or she will be performing the work  
29 and will occupy one of the units as his or her principal residence.  
30 The owner shall apply to the department for this exemption and may  
31 only receive an exemption once every twenty-four months. It is  
32 intended that the owner receiving this exemption shall occupy the  
33 unit as his or her principal residence for twenty-four months after  
34 completion of the units.

35 (2) Nothing in RCW 19.28.161 through 19.28.271 shall be  
36 intended to derogate from or dispense with the requirements of any  
37 valid electrical code enacted by a city or town pursuant to RCW  
38 19.28.010(3), except that no code shall require the holder of a

1 certificate of competency to demonstrate any additional proof of  
2 competency or obtain any other license or pay any fee in order to  
3 engage in the electrical construction trade.

4 (3) RCW 19.28.161 through 19.28.271 shall not apply to common  
5 carriers subject to Part I of the Interstate Commerce Act, nor to  
6 their officers and employees.

7 (4) Nothing in RCW 19.28.161 through 19.28.271 shall be deemed  
8 to apply to the installation or maintenance of telephone,  
9 telegraph, radio, or television wires and equipment; nor to any  
10 electrical utility or its employees in the installation, repair,  
11 and maintenance of electrical wiring, circuits, and equipment by or  
12 for the utility, or comprising a part of its plants, lines or  
13 systems.

14 (5) The licensing provisions of RCW 19.28.161 through 19.28.271  
15 shall not apply to:

16 ~~((+1))~~ (a) Persons making electrical installations on their  
17 own property or to regularly employed employees working on the  
18 premises of their employer, unless the electrical work is on the  
19 construction of a new building intended for rent, sale, or lease;

20 ~~((+2))~~ (b) Employees of an employer while the employer is  
21 performing utility type work of the nature described in RCW  
22 19.28.091 so long as such employees have registered in the state of  
23 Washington with or graduated from a state-approved outside lineman  
24 apprenticeship course that is recognized by the department and that  
25 qualifies a person to perform such work; ~~((or~~

26 ~~(+3))~~ (c) Any work exempted under RCW 19.28.091(6); and

27 (d) Certified plumbers, certified residential plumbers, or  
28 plumber trainees meeting the requirements of chapter 18.106 RCW and  
29 performing exempt work under RCW 19.28.091(7).

30 (6) Nothing in RCW 19.28.161 through 19.28.271 shall be  
31 construed to restrict the right of any householder to assist or  
32 receive assistance from a friend, neighbor, relative or other  
33 person when none of the individuals doing the electrical  
34 installation hold themselves out as engaged in the trade or  
35 business of electrical installations.

36 (7) Nothing precludes any person who is exempt from the  
37 licensing requirements of this chapter under this section from  
38 obtaining a journeyman or specialty certificate of competency if  
39 they otherwise meet the requirements of this chapter.

PART 4 - INCIDENTAL PLUMBING WORK

**Sec. 401.** RCW 18.27.090 and 2001 c 159 s 7 are each amended to read as follows:

The registration provisions of this chapter do not apply to:

(1) An authorized representative of the United States government, the state of Washington, or any incorporated city, town, county, township, irrigation district, reclamation district, or other municipal or political corporation or subdivision of this state;

(2) Officers of a court when they are acting within the scope of their office;

(3) Public utilities operating under the regulations of the utilities and transportation commission in construction, maintenance, or development work incidental to their own business;

(4) Any construction, repair, or operation incidental to the discovering or producing of petroleum or gas, or the drilling, testing, abandoning, or other operation of any petroleum or gas well or any surface or underground mine or mineral deposit when performed by an owner or lessee;

(5) The sale or installation of any finished products, materials, or articles of merchandise that are not actually fabricated into and do not become a permanent fixed part of a structure;

(6) Any construction, alteration, improvement, or repair of personal property performed by the registered or legal owner, or by a mobile/manufactured home retail dealer or manufacturer licensed under chapter 46.70 RCW who shall warranty service and repairs under chapter 46.70 RCW;

(7) Any construction, alteration, improvement, or repair carried on within the limits and boundaries of any site or reservation under the legal jurisdiction of the federal government;

(8) Any person who only furnished materials, supplies, or equipment without fabricating them into, or consuming them in the performance of, the work of the contractor;

(9) Any work or operation on one undertaking or project by one or more contracts, the aggregate contract price of which for labor and materials and all other items is less than five hundred dollars, such work or operations being considered as of a casual,

1 minor, or inconsequential nature. The exemption prescribed in this  
2 subsection does not apply in any instance wherein the work or  
3 construction is only a part of a larger or major operation, whether  
4 undertaken by the same or a different contractor, or in which a  
5 division of the operation is made into contracts of amounts less  
6 than five hundred dollars for the purpose of evasion of this  
7 chapter or otherwise. The exemption prescribed in this subsection  
8 does not apply to a person who advertises or puts out any sign or  
9 card or other device which might indicate to the public that he or  
10 she is a contractor, or that he or she is qualified to engage in  
11 the business of contractor;

12 (10) Any construction or operation incidental to the  
13 construction and repair of irrigation and drainage ditches of  
14 regularly constituted irrigation districts or reclamation  
15 districts; or to farming, dairying, agriculture, viticulture,  
16 horticulture, or stock or poultry raising; or to clearing or other  
17 work upon land in rural districts for fire prevention purposes;  
18 except when any of the above work is performed by a registered  
19 contractor;

20 (11) An owner who contracts for a project with a registered  
21 contractor, except that this exemption shall not deprive the owner  
22 of the protections of this chapter against registered and  
23 unregistered contractors;

24 (12) Any person working on his or her own property, whether  
25 occupied by him or her or not, and any person working on his or her  
26 personal residence, whether owned by him or her or not but this  
27 exemption shall not apply to any person otherwise covered by this  
28 chapter who constructs an improvement on his or her own property  
29 with the intention and for the purpose of selling the improved  
30 property;

31 (13) Owners of commercial properties who use their own  
32 employees to do maintenance, repair, and alteration work in or upon  
33 their own properties;

34 (14) A licensed architect or civil or professional engineer  
35 acting solely in his or her professional capacity, an electrician  
36 licensed under the laws of the state of Washington, or a plumber  
37 licensed under the laws of the state of Washington or licensed by  
38 a political subdivision of the state of Washington while operating  
39 within the boundaries of such political subdivision. The exemption

1 provided in this subsection is applicable only when the licensee is  
2 operating within the scope of his or her license;

3 (15) Any person who engages in the activities herein regulated  
4 as an employee of a registered contractor with wages as his or her  
5 sole compensation or as an employee with wages as his or her sole  
6 compensation;

7 (16) Contractors on highway projects who have been prequalified  
8 as required by RCW 47.28.070, with the department of transportation  
9 to perform highway construction, reconstruction, or maintenance  
10 work;

11 (17) A mobile/manufactured home dealer or manufacturer who  
12 subcontracts the installation, set-up, or repair work to actively  
13 registered contractors. This exemption only applies to the  
14 installation, set-up, or repair of the mobile/manufactured homes  
15 that were manufactured or sold by the mobile/manufactured home  
16 dealer or manufacturer;

17 (18) An entity who holds a valid electrical contractor's  
18 license under chapter 19.28 RCW that employs a certified journeyman  
19 electrician, a certified residential specialty electrician, or an  
20 electrical trainee meeting the requirements of chapter 19.28 RCW to  
21 perform plumbing work that is incidentally, directly, and  
22 immediately appropriate to the like-in-kind replacement of a  
23 household appliance or other small household utilization equipment  
24 that requires limited electric power and limited waste and/or water  
25 connections. An electrical trainee must be supervised by a  
26 certified electrician while performing plumbing work.

27 **Sec. 402.** RCW 18.106.150 and 1973 1st ex.s. c 175 s 15 are  
28 each amended to read as follows:

29 (1) Nothing in this chapter shall be construed to require that  
30 a person obtain a license or a certified plumber in order to do  
31 plumbing work at his or her residence or farm or place of business  
32 or on other property owned by him or her. ((Any person performing  
33 plumbing work on a farm may do so without having))

34 (2) A current certificate of competency or apprentice permit is  
35 not required for: ((PROVIDED, HOWEVER, That))

36 (a) Persons performing plumbing work on a farm; or

37 (b) Certified journeyman electricians, certified residential  
38 specialty electricians, or electrical trainees working for an

1 electrical contractor and performing exempt work under RCW  
2 18.27.090(18).

3 (3) Nothing in this chapter shall be intended to derogate from  
4 or dispense with the requirements of any valid plumbing code  
5 enacted by a political subdivision of the state, except that no  
6 code shall require the holder of a certificate of competency to  
7 demonstrate any additional proof of competency or obtain any other  
8 license or pay any fee in order to engage in the trade of  
9 plumbing(~~(: AND PROVIDED FURTHER, That)~~).

10 (4) This chapter shall not apply to common carriers subject to  
11 Part I of the Interstate Commerce Act, nor to their officers and  
12 employees(~~(: AND PROVIDED FURTHER, That)~~).

13 (5) Nothing in this chapter shall be construed to apply to any  
14 farm, business, industrial plant, or corporation doing plumbing  
15 work on premises it owns or operates(~~(: AND PROVIDED FURTHER,~~  
16 ~~That)~~).

17 (6) Nothing in this chapter shall be construed to restrict the  
18 right of any householder to assist or receive assistance from a  
19 friend, neighbor, relative or other person when none of the  
20 individuals doing such plumbing hold themselves out as engaged in  
21 the trade or business of plumbing.

## 22 **PART 5 - ELECTRIC APPLIANCE REPAIR**

23 NEW SECTION. Sec. 501. A new section is added to chapter  
24 19.28 RCW to read as follows:

25 (1) The repair, maintenance, or replacement of an electric  
26 appliance, if performed by an employee of a manufacturer-authorized  
27 dealer or service company, is exempt from licensing and  
28 certification requirements under RCW 19.28.091 and RCW 19.28.161.

29 (2) A joint legislative task force is created to review  
30 licensing and certification requirements under RCW 19.28.091 and  
31 RCW 19.28.161 as they pertain to the repair, maintenance, or  
32 replacement of an electric appliance, and as they compare to  
33 licensing and certification requirements in other states. The task  
34 force membership shall consist of: (a) One member from each caucus  
35 of the senate commerce and trade committee, appointed by the  
36 president of the senate; (b) one member from each caucus of the  
37 house commerce and labor committee, appointed by the co-speakers of

1 the house of representatives; and (c) representatives of electrical  
2 contractors, journey level electrical workers, appliance repair  
3 businesses, appliance repair technicians, and residential  
4 consumers, appointed jointly by the president of the senate and the  
5 speaker of the house of representatives. The department of labor  
6 and industries shall cooperate with the task force and provide such  
7 technical expertise as the task force cochairs may reasonably  
8 require. The task force shall choose its cochairs from among its  
9 membership. The task force shall use legislative facilities and  
10 staff from senate committee services and the office of program  
11 research. Legislative members of the task force shall be  
12 reimbursed for travel expenses in accordance with RCW 44.04.120.  
13 Nonlegislative members, except those representing an employer or  
14 organization, are entitled to be reimbursed in accordance with RCW  
15 43.03.050 and RCW 43.03.060, such reimbursement to be paid jointly  
16 by the senate and the house of representatives. The task force  
17 shall report its findings and recommendations for legislation or  
18 rulemaking, if any, to the legislature by December 1, 2003.

19 (3) For the purposes of this section, repair, maintenance, or  
20 replacement of an electric appliance- means servicing, maintaining,  
21 repairing, or replacing household appliances, small commercial/  
22 industrial appliances, and other small utilization equipment. The  
23 appliance or utilization equipment must be self-contained and built  
24 to standardized sizes or types. The appliance or utilization  
25 equipment must be connected as a single unit to a single source of  
26 electrical power limited to a maximum of 250 volts, 60 amperes,  
27 single phase.

28 (a) Appliances and utilization equipment include, but are not  
29 limited to: Dish washers, ovens, water heating equipment, office  
30 equipment, vehicle repair equipment, commercial kitchen equipment,  
31 self-contained hot tubs and spas, grinders, and scales.

32 (b) Appliances and utilization equipment do not include systems  
33 and equipment such as: Alarm/energy management/similar systems,  
34 luminaires, furnaces/heaters/air conditioners/heat pumps, sewage  
35 disposal equipment, door/gate/similar equipment, or individual  
36 components installed so as to create a system (e.g., pumps,  
37 switches, controllers, etc.).

38 (c) Repair, maintenance, or replacement of an electric  
39 appliance includes the like-in-kind replacement of the appliance or

1 utilization equipment if the same unmodified electrical circuit is  
2 used to supply the equipment being replaced. It also includes:

3 (i) The like-in-kind replacement of electrical components  
4 within the appliance or equipment;

5 (ii) The disconnection and reconnection of low-voltage control  
6 and line voltage supply whips not over six feet in length provided  
7 there are no modifications to the characteristics of the branch  
8 circuit; and

9 (iii) The installation of an outlet box and outlet at an  
10 existing appliance or equipment location when converting the  
11 appliance from a permanent electrical connection to a plug and cord  
12 connection. Other than the installation of the outlet box and  
13 outlet, there can be no modification to the existing branch circuit  
14 supplying the appliance or equipment.

15 (d) Repair, maintenance, or replacement of an electric  
16 appliance does not include:

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

21 (ii) Any work governed under Article(s) 500, 501, 502, 503,  
22 504, 505, 510, 511, 513, 514, 515, or 516 NEC (i.e., classified  
23 locations).

24 **PART 6 - ELECTRIC EQUIPMENT REPAIR**

25 **Sec. 601.** RCW 19.28.191 and 2002 c 249 s 5 are each amended to  
26 read as follows:

27 (1) Upon receipt of the application, the department shall  
28 review the application and determine whether the applicant is  
29 eligible to take an examination for the master journeyman  
30 electrician, journeyman electrician, master specialty electrician,  
31 or specialty electrician certificate of competency.

32 (a) Before July 1, 2005, an applicant who possesses a valid  
33 journeyman electrician certificate of competency in effect for the  
34 previous four years and a valid general administrator's certificate  
35 may apply for a master journeyman electrician certificate of  
36 competency without examination.

1 (b) Before July 1, 2005, an applicant who possesses a valid  
2 specialty electrician certificate of competency, in the specialty  
3 applied for, for the previous two years and a valid specialty  
4 administrator's certificate, in the specialty applied for, may  
5 apply for a master specialty electrician certificate of competency  
6 without examination.

7 (c) Before December 1, 2003, the following persons may obtain  
8 an equipment repair specialty electrician certificates of  
9 competency without examination:

10 (i) A person who has successfully completed an apprenticeship  
11 program approved under chapter 49.04 RCW for the maintenance  
12 machinist trade; and

13 (ii) A person who provides evidence in a form prescribed by the  
14 department affirming that: (A) he or she was employed as of April  
15 1, 2003, by a factory-authorized equipment dealer or service  
16 company; and (B) he or she has worked in equipment repair for a  
17 minimum of four thousand hours.

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

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

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

28 (i) Worked in the electrical construction trade for a minimum  
29 of eight thousand hours, of which four thousand hours shall be in  
30 industrial or commercial electrical installation under the  
31 supervision of a master journeyman electrician or journeyman  
32 electrician and not more than a total of four thousand hours in all  
33 specialties under the supervision of a master journeyman  
34 electrician, journeyman electrician, master specialty electrician  
35 working in that electrician's specialty, or specialty electrician  
36 working in that electrician's specialty. Speciality electricians  
37 with less than a four thousand hour work experience requirement  
38 cannot credit the time required to obtain that specialty towards  
39 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 (~~(f)~~) (g) To be eligible to take the examination for a  
4 specialty electrician certificate of competency the applicant must  
5 have:

6 (i) Worked in the residential (as specified in WAC  
7 296-46A-930(2)(a)), pump and irrigation (as specified in WAC  
8 296-46A-930(2)(b)(i)), sign (as specified in WAC  
9 296-46A-930(2)(c)), limited energy (as specified in WAC  
10 296-46A-930(2)(e)(i)), nonresidential maintenance (as specified in  
11 WAC 296-46A-930(2)(f)(i)), restricted nonresidential maintenance as  
12 determined by the department in rule, or other new nonresidential  
13 specialties as determined by the department in rule under the  
14 supervision of a master journeyman electrician, journeyman  
15 electrician, master specialty electrician working in that  
16 electrician's specialty, or specialty electrician working in that  
17 electrician's specialty for a minimum of four thousand hours; or

18 (ii) Worked in the appliance repair specialty as determined by  
19 the department in rule, the equipment repair specialty as  
20 determined by the department in rule, or a specialty other than the  
21 designated specialties in (~~(f)~~(i)) (g)(i) of this subsection for  
22 a minimum of the initial ninety days, or longer if set by rule by  
23 the department. The initial period must be spent under one hundred  
24 percent supervision of a master journeyman electrician, journeyman  
25 electrician, master specialty electrician working in that  
26 electrician's specialty, or specialty electrician working in that  
27 electrician's specialty. After this initial period, a person may  
28 take the specialty examination. If the person passes the  
29 examination, the person may work unsupervised for the balance of  
30 the minimum hours required for certification. A person may not be  
31 certified as a specialty electrician in the appliance repair  
32 specialty or in a specialty other than the designated specialities  
33 in (~~(f)~~(i)) (g)(i) of this subsection, however, until the person  
34 has worked a minimum of two thousand hours in that specialty, or  
35 longer if set by rule by the department; or

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

1           (~~(g)~~) (h) Any applicant for a journeyman electrician  
2 certificate of competency who has successfully completed a two-year  
3 program in the electrical construction trade at public community or  
4 technical colleges, or not-for-profit nationally accredited  
5 technical or trade schools licensed by the work force training and  
6 education coordinating board under chapter 28C.10 RCW may  
7 substitute up to two years of the technical or trade school program  
8 for two years of work experience under a master journeyman  
9 electrician or journeyman electrician. The applicant shall obtain  
10 the additional two years of work experience required in industrial  
11 or commercial electrical installation prior to the beginning, or  
12 after the completion, of the technical school program. Any  
13 applicant who has received training in the electrical construction  
14 trade in the armed service of the United States may be eligible to  
15 apply armed service work experience towards qualification to take  
16 the examination for the journeyman electrician certificate of  
17 competency.

18           (~~(h)~~) (i) An applicant for a specialty electrician  
19 certificate of competency who, after January 1, 2000, has  
20 successfully completed a two-year program in the electrical  
21 construction trade at a public community or technical college, or  
22 a not-for-profit nationally accredited technical or trade school  
23 licensed by the work force training and education coordinating  
24 board under chapter 28C.10 RCW, may substitute up to one year of  
25 the technical or trade school program for one year of work  
26 experience under a master journeyman electrician, journeyman  
27 electrician, master specialty electrician working in that  
28 electrician's specialty, or specialty electrician working in that  
29 electrician's specialty. Any applicant who has received training  
30 in the electrical construction trade in the armed services of the  
31 United States may be eligible to apply armed service work  
32 experience towards qualification to take the examination for an  
33 appropriate specialty electrician certificate of competency.

34           (~~(i)~~) (j) The department must determine whether hours of  
35 training and experience in the armed services or school program are  
36 in the electrical construction trade and appropriate as a  
37 substitute for hours of work experience. The department must use  
38 the following criteria for evaluating the equivalence of classroom

1 electrical training programs and work in the electrical  
2 construction trade:

3 (i) A two-year electrical training program must consist of  
4 three thousand or more hours.

5 (ii) In a two-year electrical training program, a minimum of  
6 two thousand four hundred hours of student/instructor contact time  
7 must be technical electrical instruction directly related to the  
8 scope of work of the electrical specialty. Student/instructor  
9 contact time includes lecture and in-school lab.

10 (iii) The department may not allow credit for a program that  
11 accepts more than one thousand hours transferred from another  
12 school's program.

13 (iv) Electrical specialty training school programs of less than  
14 two years will have all of the above student/instructor contact  
15 time hours proportionately reduced. Such programs may not apply to  
16 more than fifty percent of the work experience required to attain  
17 certification.

18 (v) Electrical training programs of less than two years may not  
19 be credited towards qualification for journeyman electrician unless  
20 the training program is used to gain qualification for a four  
21 thousand hour electrical specialty.

22 ~~((+j))~~ (k) No other requirement for eligibility may be  
23 imposed.

24 (2) The department shall establish reasonable rules for the  
25 examinations to be given applicants for certificates of competency.  
26 In establishing the rules, the department shall consult with the  
27 board. Upon determination that the applicant is eligible to take  
28 the examination, the department shall so notify the applicant,  
29 indicating the time and place for taking the examination.

30 (3) No noncertified individual may work unsupervised more than  
31 one year beyond the date when the trainee would be eligible to test  
32 for a certificate of competency if working on a full-time basis  
33 after original application for the trainee certificate. For the  
34 purposes of this section, full-time basis means two thousand hours.

35 NEW SECTION. **Sec. 602.** A new section is added to chapter  
36 19.28 RCW to read as follows:

1 (1) The scope of work for the equipment repair specialty  
2 involves servicing, maintaining, repairing, or replacing  
3 utilization equipment.

4 (2) Utilization equipment- means equipment that is: (a) Self-  
5 contained on a single skid or frame; (b) factory built to  
6 standardized sizes or types; (c) listed or field evaluated by a  
7 laboratory or approved by the department under WAC 296-46B-030; and  
8 (d) connected as a single unit to a single source of electrical  
9 power limited to a maximum of 600 volts. The equipment may also be  
10 connected to a separate single source of electrical control power  
11 limited to a maximum of 250 volts. Utilization equipment does not  
12 include devices used for occupant space heating by industrial,  
13 commercial, hospital, educational, public, and private commercial  
14 buildings, and other end users.

15 (3) Servicing, maintaining, repairing, or replacing  
16 utilization equipment- includes:

17 (a) The like-in-kind replacement of the equipment if the same  
18 unmodified electrical circuit is used to supply the equipment being  
19 replaced;

20 (b) The like-in-kind replacement or repair of remote control  
21 components that are integral to the operation of the equipment;

22 (c) The like-in-kind replacement or repair of electrical  
23 components within the equipment; and

24 (d) The disconnection, replacement, and reconnection of low-  
25 voltage control and line voltage supply whips not over six feet in  
26 length provided there are no modifications to the characteristics  
27 of the branch circuit.

28 (4) Servicing, maintaining, repairing, or replacing  
29 utilization equipment- does not include:

30 (a) The installation, repair, or modification of wiring that  
31 interconnects equipment and/or remote components, branch circuit  
32 conductors, services, feeders, panelboards, disconnect switches,  
33 motor control centers, remote magnetic starters/contactors, or  
34 raceway/conductor systems interconnecting multiple equipment or  
35 other electrical components;

36 (b) Any work providing electrical feeds into the power  
37 distribution unit or installation of conduits and raceways; or

38 (c) Any electrical work governed under article(s) 500, 501,  
39 502, 503, 504, 505, 510, 511, 513, 514, 515, or 516 NEC (i.e.,

1 classified locations), except for electrical work in sewage pumping  
2 stations.

### 3 PART 7 - BOILER REPAIR

4 NEW SECTION. **Sec. 701.** A new section is added to chapter  
5 19.28 RCW to read as follows:

6 (1) Until July 1, 2004, the department shall cease to  
7 administer and enforce licensing requirements under RCW 19.28.091,  
8 certification requirements under RCW 19.28.161, and inspection and  
9 permitting requirements under RCW 19.28.101, as applied only to  
10 maintenance work on the electrical controls of a boiler.

11 (2) The electrical board and the board of boiler rules shall  
12 jointly evaluate whether electrical licensing, certification,  
13 inspection, and permitting requirements should apply to maintenance  
14 work on the electrical controls of a boiler. The board shall  
15 report their joint findings and recommendations for legislation or  
16 rulemaking, if any, to the commerce and labor committee of the  
17 house of representatives and the commerce and trade committee of  
18 the senate by December 1, 2003.

19 (3) This section expires July 1, 2004.

### 20 PART 8 - PLUMBING CONTINUING EDUCATION

21 **Sec. 801.** RCW 18.106.070 and 1997 c 326 s 6 are each amended  
22 to read as follows:

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

1 by the renewal date, he or she must pay a doubled fee. If the  
2 person does not renew the certificate within ninety days of the  
3 renewal date, he or she must retake the examination and pay the  
4 examination fee. The journeyman plumber and specialty plumber  
5 certificates of competency, the medical gas piping installer  
6 endorsement, and the temporary permit provided for in this chapter  
7 grant the holder the right to engage in the work of plumbing as a  
8 journeyman plumber, specialty plumber, or medical gas piping  
9 installer, in accordance with their provisions throughout the state  
10 and within any of its political subdivisions on any job or any  
11 employment without additional proof of competency or any other  
12 license or permit or fee to engage in the work. This section does  
13 not preclude employees from adhering to a union security clause in  
14 any employment where such a requirement exists.

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

1 (3) Any person who has been issued a plumbing training  
2 certificate under this chapter may work if that person is under  
3 supervision. Supervision shall consist of a person being on the  
4 same job site and under the control of either a journeyman plumber  
5 or an appropriate specialty plumber who has an applicable  
6 certificate of competency issued under this chapter. Either a  
7 journeyman plumber or an appropriate specialty plumber shall be on  
8 the same job site as the noncertified individual for a minimum of  
9 seventy-five percent of each working day unless otherwise provided  
10 in this chapter. The ratio of noncertified individuals to certified  
11 journeymen or specialty plumbers working on a job site shall be:  
12 (a) ~~((From July 28, 1985, through June 30, 1988, not more than~~  
13 ~~three noncertified plumbers working on any one job site for every~~  
14 ~~certified journeyman or specialty plumber; (b) effective July 1,~~  
15 ~~1988,))~~ Not more than two noncertified plumbers working on any one  
16 job site for every certified specialty plumber or journeyman  
17 plumber working as a specialty plumber; and ~~((c) effective July 1,~~  
18 ~~1988,))~~ (b) not more than one noncertified plumber working on any  
19 one job site for every certified journeyman plumber working as a  
20 journeyman plumber. An individual who has a current training  
21 certificate and who has successfully completed or is currently  
22 enrolled in an approved apprenticeship program or in a technical  
23 school program in the plumbing construction trade in a school  
24 approved by the work force training and education coordinating  
25 board, may work without direct on-site supervision during the last  
26 six months of meeting the practical experience requirements of this  
27 chapter.

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

35 (5) The training to become a certified plumber must include not  
36 less than sixteen hours of classroom training established by the  
37 director with the advice of the board. The classroom training must  
38 include, but not be limited to, electrical wiring safety,

1 grounding, bonding, and other related items plumbers need to know  
2 to work under section 301 of this act.

3 (6) All persons who are certified plumbers before January 1,  
4 2003, are deemed to have received the classroom training required  
5 in subsection (5) of this section.

6 **PART 9 - MISCELLANEOUS**

7 NEW SECTION. Sec. 901. Part headings used in this act are not  
8 part of the law.

9 NEW SECTION. Sec. 902. Sections 501, 601, and 701 of this act  
10 are necessary for the immediate preservation of the public peace,  
11 health, or safety, or support of the state government and its  
12 existing public institutions, and take effect immediately.-

13 Correct the title.