

HB 2253 - S AMD 652

By Senators Holmquist Newbry, Conway, Honeyford

ADOPTED 03/07/2014

1 On page 4, after line 13, insert the following:

2 "Sec. 2. RCW 19.28.191 and 2013 c 23 s 30 are each amended to read
3 as follows:

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

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

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

20 (c) Before December 1, 2003, the following persons may obtain an
21 equipment repair specialty electrician certificate of competency
22 without examination:

23 (i) A person who has successfully completed an apprenticeship
24 program approved under chapter 49.04 RCW for the machinist trade; and

25 (ii) A person who provides evidence in a form prescribed by the
26 department affirming that: (A) He or she was employed as of April 1,
27 2003, by a factory-authorized equipment dealer or service company; and
28 (B) he or she has worked in equipment repair for a minimum of four
29 thousand hours.

1 (d) To be eligible to take the examination for a master journey
2 level electrician certificate of competency, the applicant must have
3 possessed a valid journey level electrician certificate of competency
4 for four years.

5 (e) To be eligible to take the examination for a master specialty
6 electrician certificate of competency, the applicant must have
7 possessed a valid specialty electrician certificate of competency, in
8 the specialty applied for, for two years.

9 (f) To be eligible to take the examination for a journey level
10 certificate of competency, the applicant must have:

11 (i) Worked in the electrical construction trade for a minimum of
12 eight thousand hours, of which four thousand hours shall be in
13 industrial or commercial electrical installation under the supervision
14 of a master journey level electrician or journey level electrician and
15 not more than a total of four thousand hours in all specialties under
16 the supervision of a master journey level electrician, journey level
17 electrician, master specialty electrician working in that electrician's
18 specialty, or specialty electrician working in that electrician's
19 specialty. Specialty electricians with less than a four thousand hour
20 work experience requirement cannot credit the time required to obtain
21 that specialty towards qualifying to become a journey level
22 electrician; or

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

25 (g)(i) To be eligible to take the examination for a specialty
26 electrician certificate of competency, the applicant must have:

27 ((+i)) (A) Worked in the residential (as specified in WAC 296-46B-
28 920(2)(a)), pump and irrigation (as specified in WAC 296-46B-
29 920(2)(b)), sign (as specified in WAC 296-46B-920(2)(d)), limited
30 energy (as specified in WAC 296-46B-920(2)(e)), nonresidential
31 maintenance (as specified in WAC 296-46B-920(2)(g)), or other new
32 nonresidential specialties as determined by the department in rule
33 under the supervision of a master journey level electrician, journey
34 level electrician, master specialty electrician working in that
35 electrician's specialty, or specialty electrician working in that
36 electrician's specialty for a minimum of four thousand hours;

37 ((+ii)) (B) Worked in the appliance repair specialty as determined
38 by the department in rule, restricted nonresidential maintenance as

1 determined by the department in rule, the equipment repair specialty as
2 determined by the department in rule, the pump and irrigation specialty
3 other than as defined by (g)(i)(A) of this subsection or domestic pump
4 specialty as determined by the department in rule, or a specialty other
5 than the designated specialties in (g)(i)(A) of this subsection for a
6 minimum of the initial ninety days, or longer if set by rule by the
7 department. The restricted nonresidential maintenance specialty is
8 limited to a maximum of 277 volts and 20 amperes for lighting branch
9 circuits and/or a maximum of 250 volts and 60 amperes for other
10 circuits, but excludes the replacement or repair of circuit breakers.
11 The initial period must be spent under one hundred percent supervision
12 of a master journey level electrician, journey level electrician,
13 master specialty electrician working in that electrician's specialty,
14 or specialty electrician working in that electrician's specialty.
15 After this initial period, a person may take the specialty examination.
16 If the person passes the examination, the person may work unsupervised
17 for the balance of the minimum hours required for certification. A
18 person may not be certified as a specialty electrician in the appliance
19 repair specialty or in a specialty other than the designated
20 (~~specialities~~) specialties in (g)(i)(A) of this subsection, however,
21 until the person has worked a minimum of two thousand hours in that
22 specialty, or longer if set by rule by the department; or

23 ~~((+iii+))~~ (C) Successfully completed an approved apprenticeship
24 program under chapter 49.04 RCW for the applicant's specialty in the
25 electrical construction trade(~~(+or+)~~).

26 ~~((+iv+))~~ (ii) In meeting the training requirements for the pump and
27 irrigation or domestic pump specialties, the individual shall be
28 allowed to obtain the experience required by this section at the same
29 time the individual is meeting the experience required by RCW
30 18.106.040(1)(c). After meeting the training requirements provided in
31 this section, the individual may take the examination and upon passing
32 the examination, meeting additional training requirements as may still
33 be required for those seeking a pump and irrigation, or a domestic pump
34 specialty certificate as defined by rule, and paying the applicable
35 fees, the individual must be issued the appropriate certificate. The
36 department may include an examination for specialty plumbing
37 certificate defined in RCW 18.106.010(10)(c) with the examination
38 required by this section. The department, by rule and in consultation

1 with the electrical board, may establish additional equivalent ways to
2 gain the experience requirements required by this subsection.
3 Individuals who are able to provide evidence to the department, prior
4 to January 1, 2007, that they have been employed as a pump installer in
5 the pump and irrigation or domestic pump business by an appropriately
6 licensed electrical contractor, registered general contractor defined
7 by chapter 18.27 RCW, or appropriate general specialty contractor
8 defined by chapter 18.27 RCW for not less than eight thousand hours in
9 the most recent six calendar years shall be issued the appropriate
10 certificate by the department upon receiving such documentation and
11 applicable fees. The department shall establish a single document for
12 those who have received both an electrical specialty certification as
13 defined by this subsection and have also met the certification
14 requirements for the specialty plumber as defined by RCW
15 18.106.010(10)(c), showing that the individual has received both
16 certifications. No other experience or training requirements may be
17 imposed.

18 (iii) Before July 1, 2015, an applicant possessing an electrical
19 training certificate issued by the department is eligible to apply one
20 hour of every two hours of unsupervised telecommunications system
21 installation work experience toward eligibility for examination for a
22 limited energy system certificate of competency (as specified in WAC
23 296-46B-920(2)(e)), if:

24 (A) The telecommunications work experience was obtained while
25 employed by a contractor licensed under this chapter as a general
26 electrical contractor (as specified in WAC 296-46B-920(1)) or limited
27 energy system specialty contractor (as specified in WAC 296-46B-
28 920(2)(e)); and

29 (B) Evidence of the telecommunications work experience is submitted
30 in the form of an affidavit prescribed by the department.

31 (h) Any applicant for a journey level electrician certificate of
32 competency who has successfully completed a two-year program in the
33 electrical construction trade at public community or technical
34 colleges, or not-for-profit nationally accredited technical or trade
35 schools licensed by the workforce training and education coordinating
36 board under chapter 28C.10 RCW, may substitute up to two years of the
37 technical or trade school program for two years of work experience
38 under a master journey level electrician or journey level electrician.

1 The applicant shall obtain the additional two years of work experience
2 required in industrial or commercial electrical installation prior to
3 the beginning, or after the completion, of the technical school
4 program. Any applicant who has received training in the electrical
5 construction trade in the armed service of the United States may be
6 eligible to apply armed service work experience towards qualification
7 to take the examination for the journey level electrician certificate
8 of competency.

9 (i) An applicant for a specialty electrician certificate of
10 competency who, after January 1, 2000, has successfully completed a
11 two-year program in the electrical construction trade at a public
12 community or technical college, or a not-for-profit nationally
13 accredited technical or trade school licensed by the workforce training
14 and education coordinating board under chapter 28C.10 RCW, may
15 substitute up to one year of the technical or trade school program for
16 one year of work experience under a master journey level electrician,
17 journey level electrician, master specialty electrician working in that
18 electrician's specialty, or specialty electrician working in that
19 electrician's specialty. Any applicant who has received training in
20 the electrical construction trade in the armed services of the United
21 States may be eligible to apply armed service work experience towards
22 qualification to take the examination for an appropriate specialty
23 electrician certificate of competency.

24 (j) The department must determine whether hours of training and
25 experience in the armed services or school program are in the
26 electrical construction trade and appropriate as a substitute for hours
27 of work experience. The department must use the following criteria for
28 evaluating the equivalence of classroom electrical training programs
29 and work in the electrical construction trade:

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

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

37 (iii) The department may not allow credit for a program that

1 accepts more than one thousand hours transferred from another school's
2 program.

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

7 (v) Electrical training programs of less than two years may not be
8 credited towards qualification for journey level electrician unless the
9 training program is used to gain qualification for a four thousand hour
10 electrical specialty.

11 (k) No other requirement for eligibility may be imposed.

12 (2) The department shall establish reasonable rules for the
13 examinations to be given applicants for certificates of competency. In
14 establishing the rules, the department shall consult with the board.
15 Upon determination that the applicant is eligible to take the
16 examination, the department shall so notify the applicant, indicating
17 the time and place for taking the examination.

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

23 On page 4, line 14, after "NEW SECTION." strike "**Sec. 2.** This" and
24 insert "**Sec. 3.** Section 1 of this"

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25 On page 1, line 1 of the title, after "installations;" strike the
26 remainder of the title and insert "amending RCW 19.28.400 and
27 19.28.191; and declaring an emergency."

EFFECT: Before July 1, 2015, an electrical worker with a training

certificate may apply one hour of every two hours of unsupervised telecommunications system installation work experience toward eligibility for a (06) limited energy system certificate examination.

The telecommunications work must be obtained while working for a licensed (01) general electrical contractor or a licensed (06) limited energy specialty contractor, and evidence of the work experience must be submitted to L&I.

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