

SSB 6126 - H COMM AMD

By Committee on Labor & Workplace Standards

ADOPTED 02/27/2018

1 Strike everything after the enacting clause and insert the
2 following:

3 "Sec. 1. RCW 19.28.191 and 2016 c 198 s 2 are each amended to
4 read as follows:

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

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

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

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

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

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

31 ~~(d))~~ To be eligible to take the examination for a master journey
32 level electrician certificate of competency, the applicant must have

1 possessed a valid journey level electrician certificate of competency
2 for four years.

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

7 ((+f)) (c) To be eligible to take the examination for a journey
8 level certificate of competency, the applicant must have((+÷

9 (+i)) successfully completed an apprenticeship program approved
10 under chapter 49.04 RCW or equivalent apprenticeship program approved
11 by the department for the electrical construction trade in which the
12 applicant worked in the electrical construction trade for a minimum
13 of eight thousand hours(,(—of—which)). Four thousand of the hours
14 shall be in industrial or commercial electrical installation under
15 the supervision of a master journey level electrician or journey
16 level electrician and not more than a total of four thousand hours in
17 all specialties under the supervision of a master journey level
18 electrician, journey level electrician, master specialty electrician
19 working in that electrician's specialty, or specialty electrician
20 working in that electrician's specialty. Specialty electricians with
21 less than a four thousand hour work experience requirement cannot
22 credit the time required to obtain that specialty towards qualifying
23 to become a journey level electrician((+÷or

24 (+ii) Successfully completed an apprenticeship program approved
25 under chapter 49.04 RCW for the electrical construction trade)). The
26 holder of a specialty electrician certificate of competency with a
27 four thousand hour work experience requirement shall be allowed to
28 credit the work experience required to obtain that certificate
29 towards apprenticeship requirements for qualifying to take the
30 examination for a journey level electrician certificate of
31 competency.

32 ((+g)(+i)) (d) To be eligible to take the examination for a
33 specialty electrician certificate of competency, the applicant must
34 have:

35 ((+A)) (i) Worked in the residential (as specified in WAC
36 296-46B-920(2)(a)), pump and irrigation (as specified in WAC
37 296-46B-920(2)(b)), sign (as specified in WAC 296-46B-920(2)(d)),
38 limited energy (as specified in WAC 296-46B-920(2)(e)),
39 nonresidential maintenance (as specified in WAC 296-46B-920(2)(g)),
40 or other new nonresidential specialties as determined by the

1 department in rule under the supervision of a master journey level
2 electrician, journey level electrician, master specialty electrician
3 working in that electrician's specialty, or specialty electrician
4 working in that electrician's specialty for a minimum of four
5 thousand hours;

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

33 ~~(e))~~ (iii) Successfully completed an approved apprenticeship
34 program under chapter 49.04 RCW for the applicant's specialty in the
35 electrical construction trade~~((-))~~; or

36 ~~((ii))~~ (iv) In meeting the training requirements for the pump
37 and irrigation or domestic pump specialties, the individual shall be
38 allowed to obtain the experience required by this section at the same
39 time the individual is meeting the experience required by RCW
40 18.106.040(1)(c). After meeting the training requirements provided in

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

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

32 (~~(A) The telecommunications work experience was obtained while~~
33 ~~employed by a contractor licensed under this chapter as a general~~
34 ~~electrical contractor (as specified in WAC 296-46B-920(1)) or limited~~
35 ~~energy system specialty contractor (as specified in WAC~~
36 ~~296-46B-920(2)(e)); and~~

37 (~~(B) Evidence of the telecommunications work experience is~~
38 ~~submitted in the form of an affidavit prescribed by the department.~~

39 (~~(h))~~) (e) Any applicant for a journey level electrician
40 certificate of competency who has successfully completed a two-year

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

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

31 ((+j)) (g) The department must determine whether hours of
32 training and experience in the armed services or school program are
33 in the electrical construction trade and appropriate as a substitute
34 for hours of work experience. The department must use the following
35 criteria for evaluating the equivalence of classroom electrical
36 training programs and work in the electrical construction trade:

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

39 (ii) In a two-year electrical training program, a minimum of two
40 thousand four hundred hours of student/instructor contact time must

1 be technical electrical instruction directly related to the scope of
2 work of the electrical specialty. Student/instructor contact time
3 includes lecture and in-school lab.

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

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

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

16 ~~((k))~~ (h) No other requirement for eligibility may be imposed.

17 (2) The department shall establish reasonable rules for the
18 examinations to be given applicants for certificates of competency.
19 In establishing the rules, the department shall consult with the
20 board. Upon determination that the applicant is eligible to take the
21 examination, the department shall so notify the applicant, indicating
22 ~~((the time and place))~~ instructions for taking the examination.

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

28 **Sec. 2.** RCW 19.28.161 and 2013 c 23 s 29 are each amended to
29 read as follows:

30 (1) No person may engage in the electrical construction trade
31 without having a valid master journey level electrician certificate
32 of competency, journey level electrician certificate of competency,
33 master specialty electrician certificate of competency, or specialty
34 electrician certificate of competency issued by the department in
35 accordance with this chapter. Electrician certificate of competency
36 specialties include, but are not limited to: Residential, pump and
37 irrigation, limited energy system, signs, nonresidential maintenance,
38 restricted nonresidential maintenance, and appliance repair. ~~((Until~~
39 ~~July 1, 2007, the department of labor and industries shall issue a~~

1 ~~written warning to any specialty pump and irrigation or domestic pump~~
2 ~~electrician not having a valid electrician certification. The warning~~
3 ~~will state that the individual must apply for an electrical training~~
4 ~~certificate or be qualified for and apply for electrician~~
5 ~~certification under the requirements in RCW 19.28.191(1)(g) within~~
6 ~~thirty calendar days of the warning. Only one warning will be issued~~
7 ~~to any individual. If the individual fails to comply with this~~
8 ~~section, the department shall issue a penalty as defined in RCW~~
9 ~~19.28.271 to the individual.))~~

10 (2)(a) A person who is ~~((indentured))~~: (i) Registered in an
11 apprenticeship program approved under chapter 49.04 RCW or equivalent
12 apprenticeship program approved by the department for the electrical
13 construction trade ~~((or who is))~~; (ii) learning the electrical
14 construction trade while working in a specialty; or (iii) learning
15 the electrical construction trade in a program described in RCW
16 19.28.191(1) (e) or (f) for a journey level certificate of competency
17 may work in the electrical construction trade if supervised by a
18 certified master journey level electrician, journey level
19 electrician, master specialty electrician in that electrician's
20 specialty, or specialty electrician in that electrician's specialty.

21 (b) All apprentices and individuals learning the electrical
22 construction trade shall obtain an electrical training certificate
23 from the department. The certificate shall authorize the holder to
24 learn the electrical construction trade while under the direct
25 supervision of a master journey level electrician, journey level
26 electrician, master specialty electrician working in that
27 electrician's specialty, or specialty electrician working in that
28 electrician's specialty. The certificate may include a photograph of
29 the holder. The holder of the electrical training certificate shall
30 renew the certificate biennially. At the time of renewal, the holder
31 shall provide the department with an accurate list of the holder's
32 employers in the electrical construction industry for the previous
33 biennial period and the number of hours worked for each employer. The
34 holder shall also provide proof of ~~((sixteen))~~ forty-eight hours of:
35 Approved classroom training covering this chapter, the national
36 electrical code, or electrical theory; or equivalent classroom
37 training taken as part of an approved apprenticeship program under
38 chapter 49.04 RCW or an approved electrical training program under
39 RCW 19.28.191(1)~~((+h))~~ (e). ~~((The number of hours of approved~~
40 ~~classroom training required for certificate renewal shall increase as~~

1 follows: ~~(a) Beginning on July 1, 2011, the holder of an electrical~~
2 ~~training certificate shall provide the department with proof of~~
3 ~~thirty two hours of approved classroom training; and (b) beginning on~~
4 ~~July 1, 2013, the holder of an electrical training certificate shall~~
5 ~~provide the department with proof of forty eight hours of approved~~
6 ~~classroom training. At the request of the chairs of the house of~~
7 ~~representatives commerce and labor committee and the senate labor,~~
8 ~~commerce and consumer protection committee, or their successor~~
9 ~~committees, the department of labor and industries shall provide~~
10 ~~information on the implementation of the new classroom training~~
11 ~~requirements for electrical trainees to both committees by December~~
12 ~~1, 2012.)~~) A biennial fee shall be charged for the issuance or
13 renewal of the certificate. The department shall set the fee by rule.
14 The fee shall cover but not exceed the cost of administering and
15 enforcing the trainee certification and supervision requirements of
16 this chapter.

17 (c)(i) Apprentices and individuals learning the electrical
18 construction trade shall have their electrical training certificates
19 in their possession at all times that they are performing electrical
20 work. They shall show their certificates to an authorized
21 representative of the department at the representative's request.

22 (ii) Unless working in a specialty, apprentices and individuals
23 learning the electrical construction trade must also have in their
24 possession proof of apprenticeship or training program registration.
25 They shall show their apprenticeship or training program registration
26 documents to an authorized representative of the department at the
27 representative's request.

28 (3) Any person who has been issued an electrical training
29 certificate under this chapter may work: (a) If that person is under
30 supervision, and is (b) unless working in a specialty, (i) registered
31 in an approved journey level apprenticeship program, as appropriate;
32 or (ii) learning the electrical construction trade in a program
33 described in RCW 19.28.191(1)(e) for a journey level certificate of
34 competency. Supervision shall consist of a person being on the same
35 job site and under the control of either a certified master journey
36 level electrician, journey level electrician, master specialty
37 electrician working in that electrician's specialty, or specialty
38 electrician working in that electrician's specialty. Either a
39 certified master journey level electrician, journey level
40 electrician, master specialty electrician working in that

1 electrician's specialty, or specialty electrician working in that
2 electrician's specialty shall be on the same job site as the
3 noncertified individual for a minimum of seventy-five percent of each
4 working day unless otherwise provided in this chapter.

5 (4) The ratio of noncertified individuals to certified master
6 journey level electricians, journey level electricians, master
7 specialty electricians, or specialty electricians on any one job site
8 is as follows:

9 (a) When working as a specialty electrician, not more than two
10 noncertified individuals for every certified master specialty
11 electrician working in that electrician's specialty, specialty
12 electrician working in that electrician's specialty, master journey
13 level electrician, or journey level electrician, except that the
14 ratio requirements are one certified master specialty electrician
15 working in that electrician's specialty, specialty electrician
16 working in that electrician's specialty, master journey level
17 electrician, or journey level electrician working as a specialty
18 electrician to no more than four students enrolled in and working as
19 part of an electrical construction program at public community or
20 technical colleges, or not-for-profit nationally accredited trade or
21 technical schools licensed by the workforce training and education
22 coordinating board under chapter 28C.10 RCW. In meeting the ratio
23 requirements for students enrolled in an electrical construction
24 program at a trade school, a trade school may receive input and
25 advice from the electrical board; and

26 (b) When working as a journey level electrician, not more than
27 one noncertified individual for every certified master journey level
28 electrician or journey level electrician, except that the ratio
29 requirements shall be one certified master journey level electrician
30 or journey level electrician to no more than four students enrolled
31 in and working as part of an electrical construction program at
32 public community or technical colleges, or not-for-profit nationally
33 accredited trade or technical schools licensed by the workforce
34 training and education coordinating board under chapter 28C.10 RCW.
35 In meeting the ratio requirements for students enrolled in an
36 electrical construction program at a trade school, a trade school may
37 receive input and advice from the electrical board.

38 An individual who has a current training certificate and who has
39 successfully completed or is currently enrolled in an approved
40 apprenticeship program or in an electrical construction program at

1 public community or technical colleges, or not-for-profit nationally
2 accredited technical or trade schools licensed by the workforce
3 training and education coordinating board under chapter 28C.10 RCW,
4 may work without direct on-site supervision during the last six
5 months of meeting the practical experience requirements of this
6 chapter.

7 (5) For the residential (as specified in WAC 296-46B-920(2)(a)),
8 pump and irrigation (as specified in WAC 296-46B-920(2)(b)), sign (as
9 specified in WAC 296-46B-920(2)(d)), limited energy (as specified in
10 WAC 296-46B-920(2)(e)), nonresidential maintenance (as specified in
11 WAC 296-46B-920(2)(g)), restricted nonresidential maintenance as
12 determined by the department in rule, or other new nonresidential
13 specialties, not including appliance repair, as determined by the
14 department in rule, either a master journey level electrician,
15 journey level electrician, master specialty electrician working in
16 that electrician's specialty, or specialty electrician working in
17 that electrician's specialty must be on the same job site as the
18 noncertified individual for a minimum of seventy-five percent of each
19 working day. Other specialties must meet the requirements specified
20 in RCW 19.28.191(1)(~~(g)~~) (d)(ii). When the ratio of certified
21 electricians to noncertified individuals on a job site is one
22 certified electrician to three or four noncertified individuals, the
23 certified electrician must:

24 (a) Directly supervise and instruct the noncertified individuals
25 and the certified electrician may not directly make or engage in an
26 electrical installation; and

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

29 (6) The electrical contractor shall accurately verify and attest
30 to the electrical trainee hours worked by electrical trainees on
31 behalf of the electrical contractor.

32 **Sec. 3.** RCW 19.28.205 and 2013 c 23 s 32 are each amended to
33 read as follows:

34 (1) An applicant for a journey level certificate of competency
35 under RCW 19.28.191(1)(~~(f)~~) (c) or a specialty electrician
36 certificate of competency under RCW 19.28.191(1)(~~(g)~~) (d) must
37 demonstrate to the satisfaction of the department completion of in-
38 class education as follows:

1 (a) Twenty-four hours of in-class education if two thousand hours
2 or more but less than four thousand hours of work are required for
3 the certificate;

4 (b) Forty-eight hours of in-class education if four thousand or
5 more but less than six thousand hours of work are required for the
6 certificate;

7 (c) Seventy-two hours of in-class education if six thousand or
8 more but less than eight thousand hours of work are required for the
9 certificate;

10 (d) Ninety-six hours of in-class education if eight thousand or
11 more hours of work are required for the certificate.

12 (2) For purposes of this section, "in-class education" means
13 approved classroom training covering this chapter, the national
14 electric code, or electrical theory; or equivalent classroom training
15 taken as part of an approved apprenticeship program under chapter
16 49.04 RCW or an approved electrical training program under RCW
17 19.28.191(1)((~~h~~)) (e).

18 (3) Classroom training taken to qualify for trainee certificate
19 renewal under RCW 19.28.161 qualifies as in-class education under
20 this section.

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

23 (1) The department may permit an applicant who obtained
24 experience and training equivalent to a journey level apprenticeship
25 program to take the examination if the applicant establishes that the
26 applicant has the equivalent training and experience and demonstrates
27 good cause for not completing the required minimum hours of work
28 under standards applicable on the effective date of this section.

29 (2) This section expires July 1, 2025.

30 NEW SECTION. **Sec. 5.** Sections 1 through 4 of this act take
31 effect July 1, 2023."

32 Correct the title.

EFFECT: Allows persons registered in an apprenticeship program
equivalent to those programs approved by the Washington

Apprenticeship and Training Council and approved by the Department of Labor and Industries to work under supervision.

--- END ---