
SUBSTITUTE HOUSE BILL 1841

State of Washington

59th Legislature

2005 Regular Session

By House Committee on Commerce & Labor (originally sponsored by Representatives Wood, Kenney, Conway, Strow, Sells, Simpson, Hasegawa and Santos)

READ FIRST TIME 02/28/05.

1 AN ACT Relating to electrical trainees; and amending RCW 19.28.161.

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

3 **Sec. 1.** RCW 19.28.161 and 2002 c 249 s 4 are each amended to read
4 as follows:

5 (1) No person may engage in the electrical construction trade
6 without having a valid master journeyman electrician certificate of
7 competency, journeyman electrician certificate of competency, master
8 specialty electrician certificate of competency, or specialty
9 electrician certificate of competency issued by the department in
10 accordance with this chapter. Electrician certificate of competency
11 specialties include, but are not limited to: Residential, pump and
12 irrigation, limited energy system, signs, nonresidential maintenance,
13 restricted nonresidential maintenance, and appliance repair.

14 (2) A person who is indentured in an apprenticeship program
15 approved under chapter 49.04 RCW for the electrical construction trade
16 or who is learning the electrical construction trade may work in the
17 electrical construction trade if supervised by a certified master
18 journeyman electrician, journeyman electrician, master specialty
19 electrician in that electrician's specialty, or specialty electrician

1 in that electrician's specialty. All apprentices and individuals
2 learning the electrical construction trade shall obtain an electrical
3 training certificate from the department. The certificate shall
4 authorize the holder to learn the electrical construction trade while
5 under the direct supervision of a master journeyman electrician,
6 journeyman electrician, master specialty electrician working in that
7 electrician's specialty, or specialty electrician working in that
8 electrician's specialty. The holder of the electrical training
9 certificate shall renew the certificate biennially. At the time of
10 renewal, the holder shall provide the department with an accurate list
11 of the holder's employers in the electrical construction industry for
12 the previous biennial period and the number of hours worked for each
13 employer, and proof of sixteen hours of approved classroom electrical
14 continuing education courses covering this chapter, the national
15 electrical code, or electrical theory, or the equivalent electrical
16 training courses taken as part of an approved apprenticeship program
17 under chapter 49.04 RCW or an approved electrical training program
18 under RCW 19.28.191(1)(h). This education requirement is effective
19 July 1, 2006. A biennial fee shall be charged for the issuance or
20 renewal of the certificate. The department shall set the fee by rule.
21 The fee shall cover but not exceed the cost of administering and
22 enforcing the trainee certification and supervision requirements of
23 this chapter. Apprentices and individuals learning the electrical
24 construction trade shall have their electrical training certificates in
25 their possession at all times that they are performing electrical work.
26 They shall show their certificates to an authorized representative of
27 the department at the representative's request.

28 (3) Any person who has been issued an electrical training
29 certificate under this chapter may work if that person is under
30 supervision. Supervision shall consist of a person being on the same
31 job site and under the control of either a certified master journeyman
32 electrician, journeyman electrician, master specialty electrician
33 working in that electrician's specialty, or specialty electrician
34 working in that electrician's specialty. Either a certified master
35 journeyman electrician, journeyman electrician, master specialty
36 electrician working in that electrician's specialty, or specialty
37 electrician working in that electrician's specialty shall be on the

1 same job site as the noncertified individual for a minimum of seventy-
2 five percent of each working day unless otherwise provided in this
3 chapter.

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

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

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

36 An individual who has a current training certificate and who has
37 successfully completed or is currently enrolled in an approved
38 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 work force
3 training and education coordinating board under chapter 28C.10 RCW, may
4 work without direct on-site supervision during the last six months of
5 meeting the practical experience requirements of this chapter.

6 (5) For the residential (as specified in WAC 296-46A-930(2)(a)),
7 pump and irrigation (as specified in WAC 296-46A-930(2)(b)(i)), sign
8 (as specified in WAC 296-46A-930(2)(c)), limited energy (as specified
9 in WAC 296-46A-930(2)(e)(i)), nonresidential maintenance (as specified
10 in WAC 296-46A-930(2)(f)(i)), restricted nonresidential maintenance as
11 determined by the department in rule, or other new nonresidential
12 specialties, not including appliance repair, as determined by the
13 department in rule, either a master journeyman electrician, journeyman
14 electrician, master specialty electrician working in that electrician's
15 specialty, or specialty electrician working in that electrician's
16 specialty must be on the same job site as the noncertified individual
17 for a minimum of seventy-five percent of each working day. Other
18 specialties must meet the requirements specified in RCW
19 19.28.191(1)((~~f~~)(~~ii~~)) (g)(ii). When the ratio of certified
20 electricians to noncertified individuals on a job site is one certified
21 electrician to three or four noncertified individuals, the certified
22 electrician must:

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

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

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

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