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HOUSE BILL 2633

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State of Washington

56th Legislature

2000 Regular Session

By Representatives B. Chandler, O'Brien, McMorris, Wood, Conway, Clements and Hurst

Read first time 01/18/2000. Referred to Committee on Commerce & Labor.

1 AN ACT Relating to registration of structural engineers; and  
2 amending RCW 18.43.040.

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

4 **Sec. 1.** RCW 18.43.040 and 1995 c 356 s 2 are each amended to read  
5 as follows:

6 The following will be considered as minimum evidence satisfactory  
7 to the board that the applicant is qualified for registration as a  
8 professional engineer, engineer-in-training, professional land  
9 surveyor, or land-surveyor-in-training, respectively:

10 As a professional engineer: A specific record of eight years or  
11 more of experience in engineering work of a character satisfactory to  
12 the board and indicating that the applicant is competent to practice  
13 engineering; and successfully passing a written or oral examination, or  
14 both, in engineering as prescribed by the board.

15 Graduation in an approved engineering curriculum of four years or  
16 more from a school or college approved by the board as of satisfactory  
17 standing shall be considered equivalent to four years of such required  
18 experience. The satisfactory completion of each year of such an  
19 approved engineering course without graduation shall be considered as

1 equivalent to a year of such required experience. Graduation in a  
2 curriculum other than engineering from a school or college approved by  
3 the board shall be considered as equivalent to two years of such  
4 required experience: PROVIDED, That no applicant shall receive credit  
5 for more than four years of experience because of undergraduate  
6 educational qualifications. The board may, at its discretion, give  
7 credit as experience not in excess of one year, for satisfactory  
8 postgraduate study in engineering.

9 Structural engineering is recognized as a specialized branch of  
10 professional engineering. To receive a certificate of registration as  
11 a structural engineer, an applicant must hold a current registration in  
12 this state in engineering and have at least two years of structural  
13 engineering experience in addition to the eight years' experience  
14 required for registration as a professional engineer. An applicant for  
15 registration as a structural engineer must also pass an additional  
16 examination as prescribed by the board.

17 As an engineer-in-training: An applicant for registration as a  
18 professional engineer shall take the prescribed examination in two  
19 stages. The first stage of the examination may be taken upon  
20 submission of his or her application for registration as an engineer-  
21 in-training and payment of the application fee prescribed in RCW  
22 18.43.050 at any time after the applicant has completed four years of  
23 the required engineering experience, as defined in this section, or has  
24 achieved senior standing in a school or college approved by the board.  
25 The first stage of the examination shall test the applicant's knowledge  
26 of appropriate fundamentals of engineering subjects, including  
27 mathematics and the basic sciences.

28 At any time after the completion of the required eight years of  
29 engineering experience, as defined in this section, the applicant may  
30 take the second stage of the examination upon submission of an  
31 application for registration and payment of the application fee  
32 prescribed in RCW 18.43.050. This stage of the examination shall test  
33 the applicant's ability, upon the basis of his or her greater  
34 experience, to apply his or her knowledge and experience in the field  
35 of his or her specific training and qualifications.

36 As a professional land surveyor: A specific record of eight years  
37 or more of experience in land surveying work of a character  
38 satisfactory to the board and indicating that the applicant is  
39 competent to practice land surveying, and successfully passing a

1 written or oral examination, or both, in surveying as prescribed by the  
2 board.

3 Graduation from a school or college approved by the board as of  
4 satisfactory standing, including the completion of an approved course  
5 in surveying, shall be considered equivalent to four years of the  
6 required experience. Postgraduate college courses approved by the  
7 board shall be considered for up to one additional year of the required  
8 experience.

9 As a land-surveyor-in-training: An applicant for registration as  
10 a professional land surveyor shall take the prescribed examination in  
11 two stages. The first stage of the examination may be taken upon  
12 submission of his or her application for registration as a land-  
13 surveyor-in-training and payment of the application fee prescribed in  
14 RCW 18.43.050 at any time after the applicant has completed four years  
15 of the required land surveying experience, as defined in this section,  
16 or has achieved senior standing in a school or college approved by the  
17 board. The first stage of the examination shall test the applicant's  
18 knowledge of appropriate fundamentals of land surveying subjects,  
19 including mathematics and the basic sciences.

20 At any time after the completion of the required eight years of  
21 land surveying experience, as defined in this section, the applicant  
22 may take the second stage of the examination upon submission of an  
23 application for registration and payment of the application fee  
24 prescribed in RCW 18.43.050. This stage of the examination shall test  
25 the applicant's ability, upon the basis of greater experience, to apply  
26 knowledge and experience in the field of land surveying.

27 The first stage shall be successfully completed before the second  
28 stage may be attempted. Applicants who have been approved by the board  
29 to take the examination based on the requirement for six years of  
30 experience under this section before July 1, 1996, are eligible to sit  
31 for the examination.

32 No person shall be eligible for registration as a professional  
33 engineer, engineer-in-training, professional land surveyor, or land-  
34 surveyor-in-training, who is not of good character and reputation.

35 Teaching, of a character satisfactory to the board shall be  
36 considered as experience not in excess of two years for the appropriate  
37 profession.

38 The mere execution, as a contractor, of work designed by a  
39 professional engineer, or the supervision of the construction of such

1 work as a foreman or superintendent shall not be deemed to be practice  
2 of engineering.

3 Any person having the necessary qualifications prescribed in this  
4 chapter to entitle him or her to registration shall be eligible for  
5 such registration although the person may not be practicing his or her  
6 profession at the time of making his or her application.

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