

ASSEMBLY BILL NO. 270—ASSEMBLYMEMBERS
HAFEN, BACKUS AND MARZOLA

FEBRUARY 20, 2025

Referred to Committee on Commerce and Labor

SUMMARY—Revises provisions relating to professional engineers and land surveyors. (BDR 54-773)

FISCAL NOTE: Effect on Local Government: No.
Effect on the State: Yes.

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EXPLANATION – Matter in *bolded italics* is new; matter between brackets [omitted material] is material to be omitted.

AN ACT relating to professional regulation; revising provisions relating to certain examinations required for licensure as a professional engineer or professional land surveyor; revising the circumstances under which the State Board of Professional Engineers and Land Surveyors may waive certain examinations for certain applicants for licensure; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

Existing law requires an applicant for licensure as a professional engineer to pass: (1) an examination on the fundamentals of engineering or receive a waiver of that requirement; and (2) an examination on the principles and practices of engineering that must cover the discipline of engineering in which the applicant is applying for licensure. Existing law prohibits an applicant from taking the examination on the principles and practices of engineering unless the applicant has passed the examination on the fundamentals of engineering or received a waiver of that requirement. Existing law authorizes the State Board of Professional Engineers and Land Surveyors to waive the examination on the fundamentals of engineering if the applicant: (1) has graduated from an engineering curriculum that is approved by the Board; and (2) has 15 or more years of experience in engineering. (NRS 625.183, 625.193)

Sections 1 and 2 of this bill remove the requirement that an applicant must pass the examination on the fundamentals of engineering or receive a waiver of that requirement before taking the examination on the principles and practices of engineering. **Section 2** revises the years of experience required to waive the examination on the fundamentals of engineering from 15 years of experience in engineering to 8 years of active experience in engineering.

Existing law requires an applicant for licensure as a professional land surveyor to pass: (1) an examination on the fundamentals of land surveying or receive a



21 waiver of that requirement; and (2) an examination on the principles and practices
22 of land surveying. Existing law prohibits an applicant from taking the examination
23 on the principles and practices of land surveying unless the applicant: (1) is a
24 graduate of a land-surveying curriculum of 4 or more years that is approved by the
25 Board; and (2) has passed the examination on the fundamentals of land surveying
26 or received a waiver of that requirement. Existing law: (1) authorizes the Board to
27 waive the examination on the fundamentals of land surveying if the applicant has
28 15 or more years of experience in land surveying; and (2) requires the Board to
29 consider graduation from a land-surveying curriculum that is approved by the
30 Board to be equivalent to 4 years of experience for purposes of the waiver. (NRS
31 625.270, 625.280)

32 **Sections 3 and 4** of this bill remove the requirements that an applicant must be
33 a graduate of a land-surveying curriculum that is approved by the Board and pass
34 the examination on the fundamentals of land surveying or receive a waiver of that
35 requirement before taking the examination on the principles and practices of land
36 surveying. **Section 4** revises the requirements to waive the examination on the
37 fundamentals of land surveying by: (1) adding a requirement that an applicant be a
38 graduate of a land-surveying curriculum that is approved by the Board; (2) revising
39 the years of experience required from 15 years of experience in land surveying to 8
40 years of active experience in land surveying; and (3) removing the requirement for
41 the Board to consider graduation from a land-surveying curriculum that is approved
42 by the Board to be equivalent to 4 years of experience.

43 Existing law sets forth certain requirements for the content and administration
44 of examinations on the fundamentals of engineering or land surveying and the
45 principles and practices of engineering or land surveying. (NRS 625.193, 625.280)
46 **Sections 2 and 4** remove those requirements and instead require applicants for
47 licensure to pass an applicable examination administered by the National Council
48 of Examiners for Engineering and Surveying or its successor organization or
49 another equivalent examination that is approved by the Board.

THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

1 **Section 1.** NRS 625.183 is hereby amended to read as follows:

2 625.183 1. A person who is 21 years of age or older may
3 apply to the Board, in accordance with the provisions of this chapter
4 and any regulations adopted by the Board, for licensure as a
5 professional engineer.

6 2. An applicant for licensure as a professional engineer must:

7 (a) Be of good character and reputation; and

8 (b) Pass the examination on the:

9 (1) Fundamentals of engineering or receive a waiver of that
10 requirement; and

11 (2) Principles and practices of engineering,
12 ↪ pursuant to NRS 625.193.

13 3. An applicant for licensure as a professional engineer is not
14 qualified for licensure unless the applicant is a graduate of an
15 engineering curriculum of 4 years or more that is approved by the
16 Board and has a record of 4 years or more of active experience in



1 engineering which is satisfactory to the Board and which indicates
2 that the applicant is competent to be placed in responsible charge of
3 engineering work. An applicant ~~[who is eligible to]~~ *may* take the
4 examination on the principles and practices of engineering pursuant
5 to *paragraph (b) of* subsection ~~[2]~~ *1* of NRS 625.193 ~~[may take the~~
6 ~~examination on the principles and practices of engineering]~~ before
7 the applicant meets the active experience requirements for licensure
8 set forth in this subsection.

9 4. To determine whether an applicant for licensure as a
10 professional engineer has an adequate record of active experience
11 pursuant to subsection 3:

12 (a) Graduation from a college or university in a discipline of
13 engineering with a master's or doctoral degree is equivalent to 2
14 years of active experience, except that, in the aggregate, not more
15 than 2 years of active experience may be satisfied by graduation
16 from a college or university with such degrees, regardless of the
17 number of degrees earned.

18 (b) Two of the 4 years of active experience must have been
19 completed by working under the direct supervision of a professional
20 engineer who is licensed in the discipline in which the applicant is
21 applying for licensure, unless that requirement is waived by the
22 Board.

23 (c) The execution, as a contractor, of work designed by a
24 professional engineer, or the supervision of the construction of that
25 work as a foreman or superintendent, is not equivalent to active
26 experience in engineering.

27 5. A person who is not working in the field of engineering
28 when applying for licensure is eligible for licensure as a
29 professional engineer if the person complies with the requirements
30 for licensure prescribed in this chapter.

31 **Sec. 2.** NRS 625.193 is hereby amended to read as follows:

32 625.193 1. The examination for licensure as a professional
33 engineer must consist of:

34 (a) An examination on the fundamentals of engineering ~~[that~~
35 ~~must cover the subject matter of a general education or training in~~
36 ~~engineering.]~~ *administered by the National Council of Examiners*
37 *for Engineering and Surveying or its successor organization or*
38 *another equivalent examination that is approved by the Board.* If
39 the applicant for licensure as a professional engineer has graduated
40 from an engineering curriculum that is approved by the Board and
41 has ~~[15]~~ *8* years or more of *active* experience in engineering, the
42 examination on the fundamentals of engineering may be waived by
43 the Board.

44 (b) An examination on the principles and practices of
45 engineering that must cover the discipline of engineering in which



1 the applicant is applying for licensure ~~[]~~, *administered by the*
2 *National Council of Examiners for Engineering and Surveying or*
3 *its successor organization or another equivalent examination that*
4 *is approved by the Board.*

5 ~~2. [An applicant for licensure as a professional engineer must~~
6 ~~pass the examination on the fundamentals of engineering or receive~~
7 ~~a waiver of that requirement before the applicant may take the~~
8 ~~examination on the principles and practices of engineering.~~

9 ~~—3. When determining the content of the examinations on the~~
10 ~~fundamentals of engineering and the principles and practices of~~
11 ~~engineering, the Board shall consider the recognized disciplines of~~
12 ~~engineering and may conform the examination to the particular~~
13 ~~qualifications of the applicant.~~

14 ~~—4.]~~ The Board may require additional examinations for
15 licensure in specialized areas of practice within one or more
16 recognized disciplines of engineering.

17 ~~[5. The Board may administer or authorize an accredited~~
18 ~~college or university that offers a program in engineering approved~~
19 ~~by the Board to administer the examination on the fundamentals of~~
20 ~~engineering to persons who are not applicants for licensure as~~
21 ~~professional engineers in this state.~~

22 ~~—6. The Board may prescribe or limit the use of notes, texts and~~
23 ~~reference materials by applicants who are taking the examinations.~~

24 ~~—7.]~~ **3.** The Board may require the examinations or any portion
25 of the examinations set forth in this section to be completed:

26 (a) In writing, with a pen or pencil of a type that has been
27 approved by the Board;

28 (b) With a computer that has been provided or approved by the
29 Board; or

30 (c) Orally, in the manner prescribed by the Board.

31 **Sec. 3.** NRS 625.270 is hereby amended to read as follows:

32 625.270 1. A person who is 21 years of age or older may
33 apply to the Board, in accordance with the provisions of this chapter
34 and any regulations adopted by the Board, for licensure as a
35 professional land surveyor.

36 2. An applicant for licensure as a professional land surveyor
37 must:

38 (a) Be of good character and reputation;

39 (b) Pass the examination on the fundamentals of land surveying
40 required by paragraph (a) of subsection 1 of NRS 625.280 or receive
41 a waiver of that requirement; *and*

42 (c) Pass the examination on the principles and practices of land
43 surveying required by paragraph (b) of subsection 1 of NRS 625.280

44 ~~. [] and~~



1 —(d) Have a record of 4 or more years of active experience in land
2 surveying that is satisfactory to the Board and indicates that the
3 applicant is competent to be placed in responsible charge of land
4 surveying work.]

5 3. An applicant for licensure as a professional land surveyor
6 ~~[may] is not [take the examination on the principles and practices of~~
7 ~~land surveying required by paragraph (b) of subsection 1 of NRS~~
8 ~~625.280] **qualified for licensure** unless the applicant is a graduate of~~
9 a land-surveying curriculum of 4 years or more that is approved by
10 the Board ~~[.] and has a record of 4 years or more of active~~
11 ~~experience in land surveying which is satisfactory to the Board~~
12 ~~and indicates that the applicant is competent to be placed in~~
13 ~~responsible charge of land surveying work. An applicant may take~~
14 ~~the examination on the principles and practices of land surveying~~
15 ~~required by paragraph (b) of subsection 1 of NRS 625.280 before~~
16 ~~the applicant meets the active experience requirements for~~
17 ~~licensure set forth in this subsection.~~

18 4. To determine whether an applicant for licensure as a
19 professional land surveyor has an adequate record of active
20 experience pursuant to subsection ~~[2.]~~ 3:

21 (a) Two of the 4 years of active experience must have been
22 completed by working under the direct supervision of a professional
23 land surveyor, unless that requirement is waived by the Board.

24 (b) The execution, as a contractor, of work designed by a
25 professional land surveyor, or the supervision of the construction of
26 that work as a foreman or superintendent, is not equivalent to active
27 experience in land surveying.

28 5. A person who is not working in the field of land surveying
29 when applying for licensure is eligible for licensure as a
30 professional land surveyor if the person complies with the
31 requirements for licensure prescribed in this chapter.

32 **Sec. 4.** NRS 625.280 is hereby amended to read as follows:

33 625.280 1. The examination for licensure as a professional
34 land surveyor must consist of:

35 (a) An examination on the fundamentals of land surveying ~~[that~~
36 ~~must cover the subject matter of a general land-surveying education~~
37 ~~or training.] administered by the National Council of Examiners~~
38 ~~for Engineering and Surveying or its successor organization or~~
39 ~~another equivalent examination that is approved by the Board.~~ If
40 the applicant for licensure as a professional land surveyor has ~~[15]~~
41 ~~graduated from a land-surveying curriculum that is approved by~~
42 ~~the Board and has 8~~ years or more of **active** experience in land
43 surveying, the examination on the fundamentals of land surveying
44 may be waived ~~[. For the purposes of determining the years of~~
45 ~~experience of an applicant for licensure as a professional land~~



1 ~~surveyor pursuant to this paragraph, the Board shall consider~~
2 ~~graduation from a land surveying curriculum that is approved] by~~
3 ~~the Board. [to be equivalent to 4 years of experience.]~~

4 (b) An examination on the principles and practices of land
5 surveying ~~[.]~~ *administered by the National Council of Examiners*
6 *for Engineering and Surveying or its successor organization or*
7 *another equivalent examination that is approved by the Board.*

8 2. ~~[An applicant for licensure as a professional land surveyor~~
9 ~~must pass the examination on the fundamentals of land surveying or~~
10 ~~receive a waiver of that requirement before the applicant may take~~
11 ~~the examination on the principles and practices of land surveying.~~

12 ~~—3.— The Board may administer or authorize an accredited college~~
13 ~~or university that offers a program in land surveying approved by~~
14 ~~the Board to administer the examination on the fundamentals of land~~
15 ~~surveying to persons who are not applicants for licensure as~~
16 ~~professional land surveyors in this state.~~

17 ~~—4.— The Board may prescribe or limit the use of notes, texts and~~
18 ~~reference materials by applicants who are taking the examinations.~~

19 ~~—5.]~~ The Board may require the examinations or any portion of
20 the examinations set forth in this section to be completed:

21 (a) In writing, with a pen or pencil of a type that has been
22 approved by the Board;

23 (b) With a computer that has been provided or approved by the
24 Board; or

25 (c) Orally, in the manner prescribed by the Board.



