

[First Reprint]

ASSEMBLY, No. 4612

STATE OF NEW JERSEY

218th LEGISLATURE

INTRODUCED OCTOBER 18, 2018

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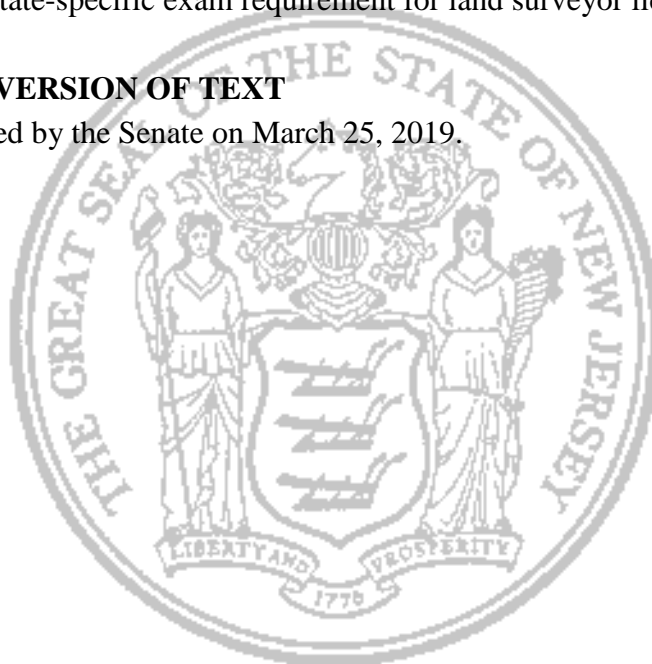
Assemblyman DePhillips, Senators Bateman and Cardinale

SYNOPSIS

Codifies State-specific exam requirement for land surveyor license.

CURRENT VERSION OF TEXT

As amended by the Senate on March 25, 2019.



(Sponsorship Updated As Of: 3/26/2019)

1 AN ACT concerning licensure requirements for land surveyors and
2 amending P.L.1938, c.342.

3
4 **BE IT ENACTED** *by the Senate and General Assembly of the State*
5 *of New Jersey:*

6
7 1. Section 9 of P.L.1938, c.342 (C.45:8-35) is amended to read:

8 9. Applications for license as professional engineers shall be on
9 forms prescribed and furnished by the board, shall contain
10 statements under oath, showing the applicant's education and
11 detailed statement of his engineering experience, and shall contain
12 not less than five references, of whom three or more shall be
13 licensed professional engineers having personal knowledge of the
14 applicant's engineering experience.

15 The application fee for professional engineers shall be set by the
16 board and shall accompany the application.

17 Applications for license as land surveyors shall be on forms
18 prescribed and furnished by the board, shall contain statements
19 under oath, showing the applicant's education and detailed
20 statement of his land surveying experience, and shall contain not
21 less than five references, of whom three or more shall be licensed
22 land surveyors having personal knowledge of the applicant's land
23 surveying experience.

24 The application fee for land surveyors shall be set by the board
25 and shall accompany the application.

26 Applications for a certificate of registration as "engineer-in-
27 training" shall be on forms prescribed and furnished by the board,
28 shall be accompanied by a fee set by the board and shall contain the
29 names of three references of whom at least one shall be a
30 professional engineer having personal knowledge of the applicant's
31 engineering education, experience or training.

32 Applications for a certificate of registration as "surveyor-in-
33 training" shall be on forms prescribed and furnished by the board,
34 shall be accompanied by a fee set by the board and shall contain the
35 names of three references of whom at least one shall be a licensed
36 land surveyor having personal knowledge of the applicant's
37 surveying education, experience or training.

38 All application fees shall be retained by the board.

39 The following shall be considered as minimum evidence
40 satisfactory to the board that the applicant is qualified for a license
41 as a professional engineer, or as a land surveyor, or for certificate of
42 registration as an engineer-in-training or a surveyor-in-training, to
43 wit:

44 (1) As a professional engineer:

EXPLANATION – Matter enclosed in bold-faced brackets **[thus]** in the above bill is
not enacted and is intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹Senate floor amendments adopted March 25, 2019.

- 1 a. Graduation from a board approved curriculum in engineering
2 of four years or more; a specific record of an additional four years
3 or more of experience in engineering work of a character
4 satisfactory to the board, and indicating that the applicant is
5 competent to be placed in responsible charge of such work; and
6 successfully passing all parts of the written examination; or
- 7 b. Graduation from a board approved curriculum in engineering
8 technology of four years or more; a specific record of an additional
9 six years or more of experience in engineering work of a character
10 satisfactory to the board, and indicating that the applicant is
11 competent to be placed in responsible charge of such work; and
12 successfully passing all parts of the written examination; or
- 13 c. Graduation from a board approved curriculum in engineering
14 or engineering technology of four years or more; a specific record
15 of an additional 15 years or more of experience in engineering work
16 of a character satisfactory to the board and indicating that the
17 applicant is competent to be placed in responsible charge of such
18 work; and successfully passing the specialized portion of the
19 written examination which is designated as Part P; or
- 20 d. (Deleted by amendment, P.L.1989, c.276.)
- 21 e. A certificate of registration, issued by any state or territory
22 or possession of the United States, or of any country, may, in the
23 discretion of the board, be accepted as minimum evidence
24 satisfactory to the board that the applicant is qualified for
25 registration as a professional engineer; provided that the minimum
26 requirements for examination and license by the issuing agency in
27 effect at the time of application to the issuing agency, which the
28 applicant satisfied in order to qualify for examination by that
29 issuing agency, are at least comparable to those same minimum
30 requirements of the board which were in effect in this State at that
31 time; and provided that the applicant has not failed any portion of a
32 nationally administered, two-day examination, required by the
33 board, that was taken in order to receive licensure by the issuing
34 agency.
- 35 (2) As a land surveyor:
- 36 a. (i) ¹Until December 31, 1990, successful completion of a
37 board approved program in surveying in a school or college
38 approved by the board as of satisfactory standing; an additional four
39 years or more of experience in land surveying work of a character
40 satisfactory to the board and indicating that the applicant is
41 competent to be placed in responsible charge of such work; and
42 successfully passing a written examination; or Deleted by
43 amendment (P.L. , c.) (pending before the Legislature as this
44 bill)¹
- 45 (ii) Effective January 1, 1991, graduation from a board approved
46 curriculum in surveying of four years or more; an additional three
47 years or more of experience in land surveying work of a character
48 satisfactory to the board and indicating that the applicant is

1 competent to be placed in responsible charge of that work; and
2 successfully passing all parts of the **【written】** examination,
3 including the New Jersey State-specific portion of the examination;
4 or

5 b. ¹**【Until December 31, 1990, successfully passing a written**
6 **examination in surveying prescribed by the board; and a specific**
7 **record of six years or more of experience in land surveying work of**
8 **a character satisfactory to the board and indicating that the**
9 **applicant is competent to be placed in responsible charge of such**
10 **work; or】 Deleted by amendment (P.L. , c.) (pending before**
11 **the Legislature as this bill)¹**

12 c. (Deleted by amendment, P.L.1977, c.340.)

13 d. A certificate of registration, issued by any state or territory
14 or possession of the United States, or of any country, may, in the
15 discretion of the board, be accepted as minimum evidence
16 satisfactory to the board that the applicant is qualified for
17 registration as a land surveyor; provided that the minimum
18 requirements for examination and license by the issuing agency in
19 effect at the time of application to the issuing agency, which the
20 applicant satisfied in order to qualify for examination by that
21 issuing agency, are at least comparable to those same minimum
22 requirements of the board which were in effect in this State at that
23 time; and provided that the issuing agency attests to the licensing
24 criteria at the time of the applicant's original licensure in that
25 jurisdiction, and the applicant receives a passing grade on the New
26 Jersey ¹**【specific】 State-specific¹** portion of the current land
27 surveying examination and any portions of a nationally
28 administered two-day examination required by the board not
29 already passed by the applicant.

30 (3) As an engineer-in-training:

31 a. Graduation from a board approved curriculum in engineering
32 or engineering technology of four years or more; and successfully
33 passing the fundamentals portion of the written examination which
34 is designated as Part F.

35 b. (Deleted by amendment, P.L.1989, c.276.)

36 (4) As a surveyor-in-training: Graduation from a board
37 approved curriculum in land surveying of four years or more; and
38 successfully passing the fundamentals portion of a board approved
39 **【written】** examination.

40 Qualifications for professional engineers.

41 An applicant for license as a professional engineer shall be able
42 to speak and write the English language. All applicants shall be of
43 good character and reputation.

44 Completion of a master's degree in engineering shall be
45 considered as equivalent to one year of engineering experience and
46 completion of a doctor's degree in engineering shall be considered
47 as equivalent to one additional year of engineering experience.

1 In considering the qualifications of applicants, engineering
2 teaching experience may be considered as engineering experience
3 for a credit not to exceed two years.

4 The mere execution, as a contractor, of work designed by a
5 professional engineer, or the supervision of construction of such
6 work as a foreman or superintendent, or the observation of
7 construction as an inspector or witness shall not be deemed to be
8 experience in engineering work.

9 Any person having the necessary qualifications prescribed in this
10 chapter to entitle him to a license shall be eligible for such license,
11 although he may not be practicing his profession at the time of
12 making the application.

13 A quorum of the examining board shall not be required for the
14 purpose of passing upon the issuance of a license to any applicant;
15 provided that no action on any application shall be taken without at
16 least three votes in accord.

17 Engineering experience of a character satisfactory to the board
18 shall be determined by the board's evaluation of the applicant's
19 experience relative to the ability to design and supervise
20 engineering projects and works so as to insure the safety of life,
21 health and property.

22 The scope of the examination for professional engineering and
23 methods of procedure shall be prescribed by the board with special
24 reference to the applicant's ability to design and supervise
25 engineering projects and works so as to insure the safety of life,
26 health and property. An examination shall be given for the purpose
27 of determining the qualifications of applicants for license in
28 professional engineering. A candidate failing an examination may
29 apply for reexamination to the extent permitted by regulations of
30 the board. Subsequent examinations will require the payment of
31 fees set by the board. The board shall schedule at least two
32 examinations per year, with dates and places to be determined by
33 the board.

34 Examinations of applicants for license as professional engineers
35 will be divided into two parts, as follows:

36 Part F--Fundamentals of Engineering--This examination is
37 intended to assess the applicant's competency in the fundamental
38 engineering subjects and basic engineering sciences, such as
39 mathematics, chemistry, physics, statistics, dynamics, materials
40 science, mechanics of materials, structures, fluid mechanics,
41 hydraulics, thermodynamics, electrical theory, and economics. A
42 knowledge of P.L.1938, c.342 (C.45:8-27 et seq.) is also required.

43 Part P--Specialized Training--This examination is intended to
44 assess the extent of the applicant's more advanced and specialized
45 professional training and experience especially in his chosen field
46 of engineering.

1 Applicants for certificates of registration as engineers-in-training
2 shall qualify by satisfactorily passing the fundamentals portion of
3 the written examination.

4 The scope, time and place of the examinations for applicants for
5 certificates of registration as "engineers-in-training" shall be
6 prescribed by the board. A candidate failing an examination may
7 apply for reexamination to the extent permitted by the regulations
8 of the board. Subsequent examinations will require the payment of
9 fees set by the board.

10 Qualifications for land surveyors.

11 An applicant for license as a land surveyor shall be able to speak
12 and write the English language. All applicants shall be of good
13 character and reputation.

14 Completion of a master's degree in surveying shall be considered
15 as equivalent to one year of surveying experience and completion of
16 a doctor's degree in surveying shall be considered as equivalent to
17 one additional year of surveying experience.

18 In considering the qualifications of applicants, survey teaching
19 experience may be considered as surveying experience for a credit
20 not to exceed two years.

21 In determining whether an applicant's experience is satisfactory
22 for licensure, the board shall consider whether the applicant has
23 demonstrated the ability to perform, manage and supervise field and
24 office surveying activities and works so as to insure the safety of
25 life, health and property.

26 An examination shall be given for the purpose of determining the
27 qualifications of applicants for license in land surveying. The
28 content of the examination for land surveying and methods of
29 procedure shall be prescribed by the board with emphasis upon the
30 applicant's ability to supervise land surveying projects and works. A
31 candidate failing an examination may apply for reexamination to
32 the extent permitted by regulations of the board. Subsequent
33 examinations will require the payment of fees set by the board. The
34 board shall schedule at least two examinations per year, with dates
35 and places to be determined by the board.

36 Examinations of applicants for license as land surveyors shall be
37 divided into two parts, as follows:

38 Part F--Fundamentals of Land Surveying--This examination is
39 intended to assess the applicant's competency in the fundamental
40 surveying subjects and basic surveying sciences, including, but not
41 limited to, mathematics, chemistry, physics, statistics, dynamics,
42 boundary law, real estate law, and economics. A knowledge of
43 P.L.1938, c.342 (C.45:8-27 et seq.) is also required.

44 Part P--Specialized Training--This examination, and the New
45 Jersey State-specific portion, is intended to assess the extent of the
46 applicant's more advanced and specialized professional training and
47 experience in the field of land surveying.

1 Applicants for certificates of registration as surveyors-in-training
2 shall qualify by satisfactorily passing the fundamentals portion of
3 the written examination.

4 The scope, time and place of the examinations for applicants for
5 certificates of registration as "surveyors-in-training" shall be
6 prescribed by the board. A candidate failing an examination may
7 apply for reexamination to the extent permitted by the regulations
8 of the board. Subsequent examinations will require the payment of
9 fees set by the board.
10 (cf: P.L.1994, c.171, s.1)
11

12 2. This act shall take effect ¹**[immediately]** on the first day of
13 the sixth month next following the date of enactment¹.