

**ASSEMBLY, No. 4612**

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**STATE OF NEW JERSEY**

**218th LEGISLATURE**

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INTRODUCED OCTOBER 18, 2018

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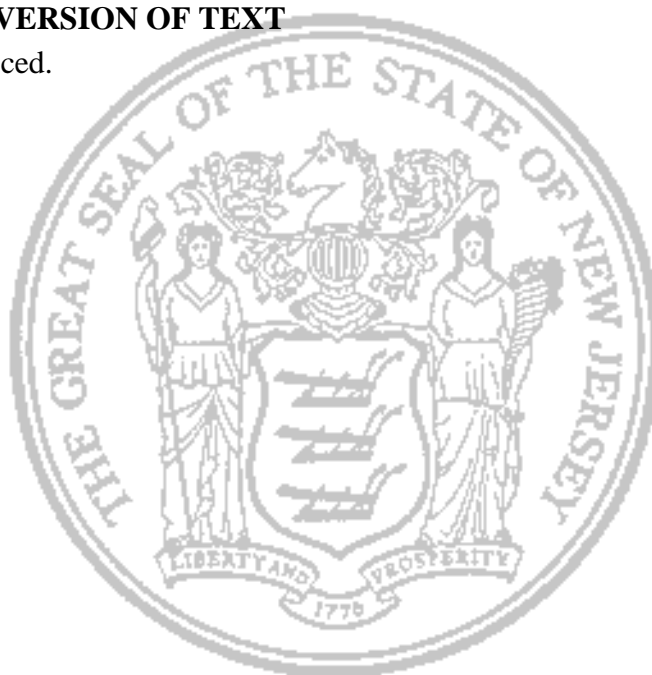
**Assemblyman DePhillips, Senators Bateman and Cardinale**

**SYNOPSIS**

Codifies State-specific exam requirement for land surveyor license.

**CURRENT VERSION OF TEXT**

As introduced.



**(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:

45 a. Graduation from a board approved curriculum in engineering

**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.

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

1 including the New Jersey State-specific portion of the examination;

2 or

3 b. Until December 31, 1990, successfully passing a written  
4 examination in surveying prescribed by the board; and a specific  
5 record of six years or more of experience in land surveying work of  
6 a character satisfactory to the board and indicating that the  
7 applicant is competent to be placed in responsible charge of such  
8 work; or

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

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

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

27 a. Graduation from a board approved curriculum in engineering  
28 or engineering technology of four years or more; and successfully  
29 passing the fundamentals portion of the written examination which  
30 is designated as Part F.

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

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

36 Qualifications for professional engineers.

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

40 Completion of a master's degree in engineering shall be  
41 considered as equivalent to one year of engineering experience and  
42 completion of a doctor's degree in engineering shall be considered  
43 as equivalent to one additional year of engineering experience.

44 In considering the qualifications of applicants, engineering  
45 teaching experience may be considered as engineering experience  
46 for a credit not to exceed two years.

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

1 work as a foreman or superintendent, or the observation of  
2 construction as an inspector or witness shall not be deemed to be  
3 experience in engineering work.

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

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

12 Engineering experience of a character satisfactory to the board  
13 shall be determined by the board's evaluation of the applicant's  
14 experience relative to the ability to design and supervise  
15 engineering projects and works so as to insure the safety of life,  
16 health and property.

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

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

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

38 Part P--Specialized Training--This examination is intended to  
39 assess the extent of the applicant's more advanced and specialized  
40 professional training and experience especially in his chosen field  
41 of engineering.

42 Applicants for certificates of registration as engineers-in-training  
43 shall qualify by satisfactorily passing the fundamentals portion of  
44 the written examination.

45 The scope, time and place of the examinations for applicants for  
46 certificates of registration as "engineers-in-training" shall be  
47 prescribed by the board. A candidate failing an examination may  
48 apply for reexamination to the extent permitted by the regulations

1 of the board. Subsequent examinations will require the payment of  
2 fees set by the board.

3 Qualifications for land surveyors.

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

7 Completion of a master's degree in surveying shall be considered  
8 as equivalent to one year of surveying experience and completion of  
9 a doctor's degree in surveying shall be considered as equivalent to  
10 one additional year of surveying experience.

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

14 In determining whether an applicant's experience is satisfactory  
15 for licensure, the board shall consider whether the applicant has  
16 demonstrated the ability to perform, manage and supervise field and  
17 office surveying activities and works so as to insure the safety of  
18 life, health and property.

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

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

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

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

41 Applicants for certificates of registration as surveyors-in-training  
42 shall qualify by satisfactorily passing the fundamentals portion of  
43 the written examination.

44 The scope, time and place of the examinations for applicants for  
45 certificates of registration as "surveyors-in-training" shall be  
46 prescribed by the board. A candidate failing an examination may

1    apply for reexamination to the extent permitted by the regulations  
2    of the board. Subsequent examinations will require the payment of  
3    fees set by the board.

4    (cf: P.L.1994, c.171, s.1)

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6        2.   This act shall take effect immediately.

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#### STATEMENT

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11       This bill codifies an existing regulation that requires the land  
12       surveyor licensure examination to include a New Jersey State-  
13       specific portion.

14       The bill amends P.L.1938, c.342, the law regulating the practices  
15       of professional engineering and land surveying. Under the bill, to  
16       be eligible for licensure as a land surveyor, a person must  
17       successfully complete an examination which includes a New Jersey  
18       State-specific portion to assess the extent of the applicant's more  
19       advanced and specialized professional training and experience in  
20       the field of land surveying.

21       Currently, N.J.A.C.13:40-2.7 requires an applicant for a land  
22       surveyor license to successfully complete a four-part examination  
23       consisting of: (1) fundamentals of land surveying; (2) principles and  
24       practices of land surveying; (3) the New Jersey State-specific  
25       examination; and (4) the New Jersey law portion.