

LEGISLATIVE HISTORY CHECKLIST

NJSA: 45:8-35

(Land surveyors-licensing-  
increase educational requirements)

LAWS OF: 1985

CHAPTER: 31

Bill No: A189

Sponsor(s): Haytaian

Date Introduced: Pre-filed

Committee: Assembly: Higher Education and Regulated Professions

Senate: Labor, Industry and Professions

Amended during passage: Yes Amendments during passage  
denoted by asterisks

Date of Passage: Assembly: May 17, 1984

Senate: Dec. 17, 1984

Date of Approval: February 1, 1985

Following statements are attached if available:

Sponsor statement: Yes

Committee statement: Assembly Yes

Senate Yes

Fiscal Note: No

Veto Message: No

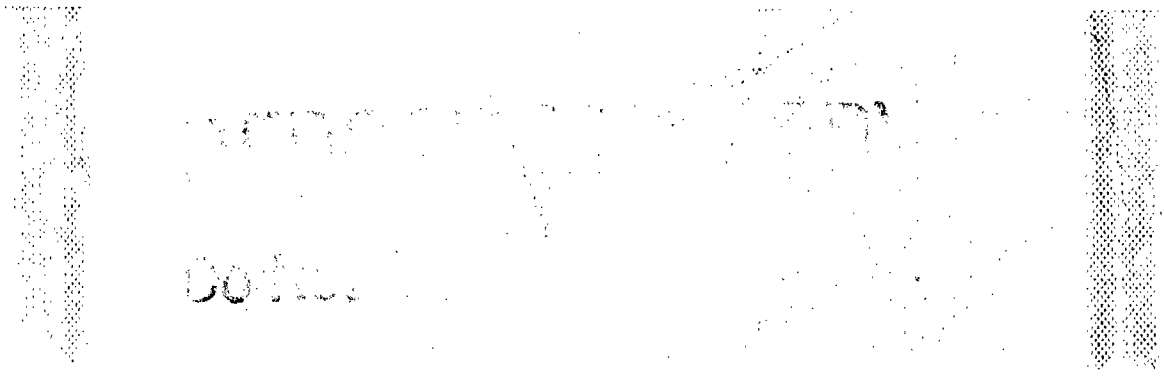
Message on Signing: No

Following were printed:

Reports: No

Hearings: No

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ASSEMBLY, No. 189

STATE OF NEW JERSEY

PRE-FILED FOR INTRODUCTION IN THE 1984 SESSION

By Assemblyman HAYTAIAN

AN ACT raising the educational standards for land surveyors and amending P. L. 1938, c. 342.

1 BE IT ENACTED *by the Senate and General Assembly of the State*  
2 *of New Jersey:*

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

3 9. Applications for license as professional engineers shall be on  
4 forms prescribed and furnished by the board, shall contain state-  
5 ments under oath, showing the applicant's education and detailed  
6 statement of his engineering experience, and shall contain not less  
7 than five references, of whom three or more shall be licensed  
8 professional engineers having personal knowledge of the appli-  
9 cant's engineering experience.

10 The application fee for professional engineers shall be \$40.00  
11 or when the applicant applies for license to practice both profes-  
12 sional engineering and land surveying, the fee shall be \$50.00, and  
13 in either case shall accompany the application.

14 Applications for license as land surveyors shall be on forms  
15 prescribed and furnished by the board, shall contain statements  
16 under oath, showing the applicant's education and detailed state-  
17 ment of his land surveying experience, and shall contain not less  
18 than five references, of whom three or more shall be licensed \***[pro-**  
19 **fessional engineers or]**\* land surveyors having personal knowledge  
20 of the applicant's land surveying experience.

21 The application fee for land surveyors shall be \$40.00 and shall  
22 accompany the application.

**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 printed in italics thus is new matter.**

**Matter enclosed in asterisks or stars has been adopted as follows:**

**\*—Assembly committee amendments adopted May 7, 1984.**

23 Applications for a certificate of registration as "engineer-in-  
24 training" shall be on forms prescribed and furnished by the board,  
25 shall be accompanied by a fee of \$10.00 and shall contain the  
26 names of three references of whom at least one shall be a licensed  
27 professional engineer having personal knowledge of the applicant's  
28 engineering experience or training.

29 All application fees shall be retained by the board.

30 The following shall be considered as minimum evidence satis-  
31 factory to the board that the applicant is qualified for a license as  
32 a professional engineer, or as a land surveyor, or for certificate  
33 of registration as engineer-in-training, to wit:

34 (1) As a professional engineer:

35 a. Graduation from an approved curriculum in engineering of  
36 four years or more in a school or college approved by the board as  
37 of satisfactory standing; a specific record of an additional four  
38 years or more of experience in engineering work of a character  
39 satisfactory to the board, and indicating that the applicant is com-  
40 petent to be placed in responsible charge of such work; and suc-  
41 cessfully passing a written, or written and oral examination; or

42 b. Graduation from an approved science curriculum, related to  
43 engineering, of four years or more in a school or college approved  
44 by the board as of satisfactory standing; a specific record of an  
45 additional six years or more of experience in engineering work of  
46 a character satisfactory to the board, and indicating that the ap-  
47 plicant is competent to be placed in responsible charge of such  
48 work; and successfully passing all parts of the written, or written  
49 and oral, examination; or

50 c. Graduation from an approved curriculum in engineering or  
51 related science of four years or more in a school or college approved  
52 by the board as of satisfactory standing; a specific record of an  
53 additional 15 years or more of experience in engineering work of  
54 a character satisfactory to the board and indicating that the appli-  
55 cant is competent to be placed in responsible charge of such work;  
56 and successfully passing the specialized portion of the written,  
57 or written and oral, examinations; or

58 d. A certificate of qualification or registration issued to him by  
59 proper authority of the National Council of Engineering Exam-  
60 iners may, in the discretion of the board, be accepted as minimum  
61 evidence satisfactory to the board that the applicant is qualified  
62 for license as a professional engineer; or

63 e. A certificate of qualification of registration, issued by any  
64 state or territory or possession of the United States, or of any  
65 country, may, in the discretion of the board, be accepted as mini-

66 . mum evidence satisfactory to the board that the applicant is quali-  
 67 . fied for registration as a professional engineer; provided, require-  
 68 . ments for license by *the* issuing agency are at least comparable  
 69 . to those of the board.

70 . (2) As a land surveyor:

71 . a. **[Successful]** (i) *During the five years immediately following*  
 72 *the effective date of this \***[1983]**\* \*1984\* amendatory act, success-*  
 73 *ful completion of an approved program in surveying in a school*  
 74 *or college approved by the board as of satisfactory standing; an*  
 75 *additional \***[three]**\* \*four\* years or more of experience in land*  
 76 *surveying work of a character satisfactory to the board and indi-*  
 77 *cating that the applicant is competent to be placed in responsible*  
 78 *charge of such work, and successfully passing a written examina-*  
 78A *tion; or*

79 . (ii) *On or after the first day of the sixth year following the*  
 80 *effective date of this \***[1983]**\* \*1984\* amendatory act, graduation*  
 81 *from an approved curriculum in surveying of four years or more*  
 82 *in a school or college approved by the board as of satisfactory*  
 83 *standing; an additional three years or more of experience in land*  
 84 *surveying work of a character satisfactory to the board and indi-*  
 85 *cating that the applicant is competent to be placed in responsible*  
 86 *charge of that work; and successfully passing a written examina-*  
 86A *tion; or*

87 . b. **[Successfully]** *During the five years immediately following*  
 88 *the effective date of this \***[1983]**\* \*1984\* amendatory act, success-*  
 89 *fully passing a written examination in surveying prescribed by the*  
 90 *board; and a specific record of six years or more of experience in*  
 91 *land surveying work of a character satisfactory to the board and*  
 92 *indicating that the applicant is competent to be placed in responsi-*  
 93 *ble charge of such work**[.]**; or*

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

95 . d. A certificate of qualification of registration, issued by any  
 96 state or territory or possession of the United States, or of any  
 97 country, may, in the discretion of the board, be accepted as mini-  
 98 mum evidence satisfactory to the board that the applicant is  
 99 qualified for registration as a land surveyor; provided, require-  
 100 ments for license by the issuing agency are at least comparable  
 101 to those of the board.

102 . (3) As an engineer-in-training:

103 . a. Graduation from an approved curriculum in engineering of  
 104 four years or more in a school or college approved by the board;  
 105 and successfully passing the fundamentals portion of the written  
 106 examinations; or

107 b. Graduation from an approved science curriculum, related to  
108 engineering, of four years or more in a school or college approved  
109 by the board; a specific record of an additional two years or more  
110 of engineering work of a character satisfactory to the board; and  
111 successfully passing the fundamentals portion of the written  
112 examinations.

113 Qualifications.

114 An applicant for license as a professional engineer or land  
115 surveyor shall be able to speak and write the English language.  
116 All applicants shall be of good character and reputation.

117 Completion of a master's degree in engineering or a related  
118 science shall be considered as equivalent to one year of experience  
119 and completion of a doctor's degree in engineering or related  
120 science shall be considered as equivalent to one additional year of  
121 experience.

122 In considering the qualifications of applicants, engineering  
123 teaching may be construed as engineering experience.

124 The mere execution, as a contractor, of work designed by a  
125 professional engineer, or the supervision of construction of such  
126 work as a foreman or superintendent shall not be deemed to be  
127 experience in engineering work.

128 Any person having the necessary qualifications prescribed in  
129 this chapter to entitle him to license shall be eligible for such  
130 license though he may not be practicing his profession at the time  
131 of making the application.

132 A quorum of the examining board for the purpose of passing  
133 upon the issuance of a license to any applicant shall consist of  
134 three members; provided, that no action on any application shall  
135 be taken without at least three votes in accord.

136 The scope of the examination for professional engineering and  
137 methods of procedure shall be prescribed by the board with special  
138 reference to the applicant's ability to design and supervise engi-  
139 neering projects and works so as to insure the safety of life, health  
140 and property. Examinations shall be given for the purpose of  
141 determining the qualifications of applicants for license separately  
142 in professional engineering and in land surveying. A candidate  
143 failing an examination may apply for reexamination. Subsequent  
144 examinations will be granted upon the payment of a fee of \$15.00.  
145 The board will schedule two examinations per year, dates and  
146 places to be determined by the board.

147 Examinations of applicants for license as professional engineer  
148 will be divided into two parts, as follows:

149 Part I—Fundamentals of Engineering—This examination is

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150 intended to assess the applicant's competency in the fundamental  
151 engineering subjects and basic engineering sciences, such as  
152 mathematics, chemistry, physics, statics, dynamics, materials  
153 science, mechanics of materials, structures, fluid mechanics,  
154 hydraulics, thermodynamics, electrical theory, and economics. A  
155 knowledge of P. L. 1938, c. 342 (C. 45:8-27 et seq.) is also required.

156 Part II—Specialized Training—This examination is intended to  
157 assess the extent of the applicant's more advanced and specialized  
158 professional training and experience especially in his chosen field  
159 of engineering.

160 Applicants for certificate of registration as engineer-in-training  
161 shall qualify by satisfactorily passing the fundamentals portion  
162 of the written examinations.

163 The scope, time and place of the examinations for applicants for  
164 certificates of registration as "engineer-in-training" shall be pre-  
165 scribed by the board. A candidate failing on first examination  
166 may apply for reexamination. Subsequent examinations will be  
167 granted upon the payment of a fee of \$10.00.

1 2. This act shall take effect immediately.

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152 mathematics, chemistry, physics, statics, dynamics, materials  
153 science, mechanics of materials, structures, fluid mechanics,  
154 hydraulics, thermodynamics, electrical theory, and economics. A  
155 knowledge of P. L. 1938, c. 342 (C. 45:8-27 et seq.) is also required.

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165 scribed by the board. A candidate failing on first examination  
166 may apply for reexamination. Subsequent examinations will be  
167 granted upon the payment of a fee of \$10.00.

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#### STATEMENT

Land surveying has become increasingly complex and, therefore, it is essential to increase the educational requirements for those land surveyors who will be licensed in the future. This bill increases from two to four years the amount of education required for licensure. This change will take effect during the sixth year following the effective date of this bill.

This bill also contains a technical correction to indicate that subsection (2) c. of section 9 of P. L. 1938, c. 342 has been deleted by P. L. 1977, c. 340.

A 189 (1985)

ASSEMBLY HIGHER EDUCATION AND REGULATED  
PROFESSIONS COMMITTEE

STATEMENT TO

**ASSEMBLY, No. 189**

with Assembly committee amendments

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**STATE OF NEW JERSEY**

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DATED: MAY 7, 1984

This bill amends the current law (N. J. S. A. 45:8-35) regarding the educational requirements for licensure as a land surveyor. The bill provides that as of six years after the effective date of the act, to be licensed as a land surveyor, the individual must have graduated from an approved school or college after four years of study of a curriculum in land surveying approved by the State Board of Professional Engineers and Land Surveyors. In addition, the applicant must have at least three years of satisfactory experience in land surveying and successfully complete a written examination.

For the five years following the passage of the act, an individual may be licensed pursuant to the following requirements:

1. The successful completion of a board approved program in surveying, at least four years of experience and successful completion of a written examination; or
2. At least six years of experience as a land surveyor and the successful completion of a written examination.

The committee amended the bill to change the present licensure requirement of three years experience as a land surveyor to four years of experience during the five year period which precedes the effective date of the new licensure requirements. The committee also made a number of technical amendments to the bill.



SENATE LABOR, INDUSTRY AND PROFESSIONS  
COMMITTEE

STATEMENT TO  
**ASSEMBLY, No. 189**

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**STATE OF NEW JERSEY**

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DATED: SEPTEMBER 13, 1984

This bill amends the current law regarding the educational requirements for licensure as a land surveyor. The bill provides that, for the five years following the date the bill is signed into law, a person may be licensed as a land surveyor pursuant to the following requirements:

1. The successful completion of a board approved program in land surveying, at least four years of satisfactory experience in land surveying work, and successful completion of a written examination; or
2. At least six years of satisfactory experience in land surveying work and successful completion of a written examination.

After this five-year period, the above two options expire and a person, to be licensed as a land surveyor, must graduate from a four-year curriculum in surveying of an approved school or college, have at least three years of satisfactory experience in land surveying work and pass a written examination.