



# **117th MAINE LEGISLATURE**

### **FIRST REGULAR SESSION-1995**

Legislative Document

No. 1271

S.P. 475

In Senate, April 11, 1995

## An Act to Revise and Add to the Laws Regulating the Practice of Professional Engineering.

Submitted by the Department of Professional and Financial Regulation pursuant to Joint Rule 24.

Reference to the Committee on Business and Economic Development suggested and ordered printed.

May Th. pers

MAY M. ROSS Secretary of the Senate

Presented by Senator HARRIMAN of Cumberland. Cosponsored by Representative: POVICH of Ellsworth.

#### Be it enacted by the People of the State of Maine as follows:

Sec. 1. 32 MRSA §1251, sub-§§2 and 4 are amended to read:

2. Engineer-intern. The term "engineer-in-training engineer-intern" shall-mean means a person who has been certified as such by the board and whose name has been entered in the register of engineer-in-training engineer-interns.

 4. Professional engineer. The term "professional engineer" shall-mean means a person who, by reason of his <u>a</u> knowledge of mathematics, the physical sciences and the principles of engineering, acquired by professional education and practical experience, is qualified to engage in engineering practice as defined.

Sec. 2. 32 MRSA §1255, sub-§1, as amended by PL 1991, c. 442, 18 §2, is further amended to read:

Limited practice by nonresident. 20 A person not 1. а resident of and not having established a place of business in 22 this State, practicing or offering to practice the profession of engineering when such practice does not exceed more than 30 24 consecutive days in any calendar year, provided--such if the person is legally qualified by registration to practice the profession in that person's own state or county in which the 26 requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this chapter. 28 To practice under this section, the person must apply in writing and receive authorization from the chair of the board. 30

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Sec. 3. 32 MRSA §1255, sub-§§2 and 3 are amended to read:

34 Nonresident becoming resident. A person not a resident 2. of and not having no established a place of business in this State, or who has recently become a resident thereof of this 36 State, practicing or offering to practice herein in the State for more than 30 days in any calendar year the profession of engineering, if-he-shall-have and having filed with the board an 38 application for a certificate of registration and shall--have 40 having paid the fee required by this chapter. Such The exemption shall-continue continues only for such time as the board requires 42 for the consideration of the application for registration, 44 provided-such-a if the person is legally qualified to practice said the profession of engineering in his-ewn the state or county of residence in which the requirements and qualifications for 46 obtaining a certificate of registration are not lower than those specified in this chapter. 48

Page 1-LR2245(1)

3. Certain employees. An employee or a subordinate of a
 person holding a certificate of registration under this chapter, or an employee of a person exempted from registration by
 subsections 1 and 2; provided his that the practice does not include responsible charge or design or supervision by the
 employee or subordinate.

Sec. 4. 32 MRSA §1256, as amended by PL 1983, c. 413, §41, is further amended to read:

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#### §1256. Violations; penalties; injunction

Any A person who shall-practice practices or offers to 14 practice the profession of engineering in this State without being registered or exempted in accordance with this chapter, or any a person presenting or attempting to use as-his-own the 16 certificate of registration or the seal of another, or any a person who shall-give-any gives a false or forged evidence of any 18 kind to the board or to any a member thereof of the board in 20 obtaining a certificate of registration, or any a person who shall falsely impersonate impersonates any other registrant of 22 like or different name, or any <u>a</u> person who shall--attempt attempts an or revoked certificate to use expired of registration, or any a person who shall-vielate violates any of 24 the provisions of this chapter shall-be-guilty-of commits a Class 26 E crime.

28 The State may bring an action in Superior Court to enjoin any <u>a</u> person from violating this chapter, regardless of whether 30 proceedings have been or may be instituted in the Administrative Court or whether criminal proceedings have been or may be 32 instituted.

34 It shall-be is the duty of all duly constituted officers of the law of this State or any political subdivision thereof of 36 this State to enforce this chapter and to prosecute any persons violating same the provisions of this chapter. The Attorney 38 General or his a designated assistant shall act as legal adviser of the board and render such legal assistance as may be necessary 40 in carrying out this chapter.

42 Sec. 5. 32 MRSA §1301, as amended by PL 1993, c. 600, Pt. A, §103, is further amended to read:

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#### §1301. Appointment; term

The State Board of Registration for Professional Engineers, as established by Title 5, section 12004-A, subsection 16, administers this chapter. The board consists of 6 <u>7</u> members appointed by the Governor, of which 5 <u>6</u> must be professional

engineers who have the qualifications required by section 1302
and one must be a representative of the public. To the extent that qualified nominees are available, appointment of nonpublic
members are made to ensure that a variety of engineering disciplines are represented. Nominees for appointment may be
recommended to the Governor by representative engineering societies in the State.

Appointments are for 5-year terms. Appointments of members 10 must comply with section 60.

12 Sec. 6. 32 MRSA §1302, as amended by PL 1975, c. 575, §17, is further amended to read:

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#### §1302. Qualifications

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Each member of the board shall <u>must</u> be a citizen of the 18 United States and a resident of this State, and each engineer member shall <u>must</u> have been engaged in the practice of the 20 profession of engineering for at least 12 years and shall <u>must</u> have been in responsible charge of <u>important</u> engineering work for 22 at least 5 years. Responsible charge of engineering teaching may be construed as responsible charge of <u>important</u> engineering work.

Sec. 7. 32 MRSA §1306, sub-§3, as enacted by PL 1983, c. 413, §45, is amended to read:

3. Hearings. Hearings may be conducted by the board to assist with investigations, to determine whether grounds exist
 for suspension, revocation or denial of a license, or as otherwise deemed considered necessary to the fulfillment of its
 responsibilities under this chapter.

The board shall may not refuse to renew a license for any reason 34 other than failure to pay a required fee, unless it has afforded the licensee an opportunity for an adjudicatory hearing. The 36 board shall hold an adjudicatory hearing at the written request of any person who is denied a license without a hearing for any 38 reason other than failure to pay a required fee, provided that the request for hearing is received by the board within 30 days 40 of the applicant's receipt of written notice of the denial of his the application, the reasons therefor for the denial and his the 42 right to request a hearing. Hearings shall must be conducted in conformity with the-Maine Administrative - Procedure - Aet, Title 5, 44 chapter 375, subchapter  $IV_{\tau}$  to the extent applicable. The board may subpoena witnesses, records and documents in any hearing it 46 conducts.

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Sec. 8. 32 MRSA §1307 is amended to read:

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#### §1307. Receipts and disbursements

The secretary of the board shall receive and account for all moneys money derived under this chapter and shall pay the same 4 money, as provided by law, to the Treasurer of State, who shall keep such-moneys the money in a separate fund to be known as the 6 "Professional Engineers' Fund." The secretary of the board shall receive-a-salary is entitled to compensation and allowance for 8 clerical hire as recommended approved by the board, in addition to the expenses provided for in section 1303. The board may make 10 other expenditures from this fund, upon itemized vouchers approved by the ehairman chair of the board, which that in the 12 opinion of the board are reasonably necessary for the proper 14performance of its duties under this chapter.

16 Sec. 9. 32 MRSA §1309, as amended by PL 1991, c. 442, §4, is further amended to read:

#### §1309. Roster of registered engineers

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A roster showing the names of all active registered 22 professional engineers and engineers-in-training newly certified engineer-interns is prepared by the secretary of the board during the first calendar quarter of each even-numbered year. 24 Ά supplementary roster of newly registered professional engineers 26 and newly certified engineers-in-training engineer-interns is prepared by the secretary of the board during the first calendar 28quarter of each odd-numbered year. The rosters must give the place of business of each listed registered engineer and-the-date 30 ef----expiration----of----the----certificate----of----each----listed engineer-in-training. Copies of the roster and of the 32 supplementary roster are mailed to each active engineer listed on the roster and furnished to the public upon request for such fees as the board may authorize in its rules. 34

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- Sec. 10. 32 MRSA §1351 is amended to read:
- 38 §1351. Registration required

In order to safeguard life, health and property, any person 40 practicing or offering to practice the profession of engineering 42 shall-be is required to submit evidence that-he-is-qualified of gualification to so practice the profession of engineering and 44 shall must be registered as provided. It shall-be is unlawful for any person to practice or to offer to practice the profession of 46 engineering in the State or to use in connection with his the person's name or otherwise assume, use or advertise any title or description tending to convey the impression that he the person 48 is a professional engineer, unless such that person has been duly 50 registered or exempted under this chapter.

Sec. 11. 32 MRSA §1352, as amended by PL 1991, c. 442, §5, is further amended to read:

#### §1352. Qualifications

To be eligible for registration as a professional engineer, or certification as a-engineer-in-training an engineer-intern, an 8 applicant shall must submit 5 references with his the application for registration as a professional engineer, 3 of which the 10 references shall must be registered engineers having personal 12 knowledge of his the applicant's engineering experience, or in the application for case of an certification as an 14engineer-in-training engineer-intern, by 3 character references. applicant shall demonstrate that he the applicant Each is trustworthy and competent to engage in the practice 16 of engineering in such manner as to safeguard the interests of the 18 public.

20 The following shall--be is considered as minimum evidence satisfactory to the board that the applicant is qualified for 22 registration as a professional engineer or for certification as an engineer-in-training engineer-intern, respectively:

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1. Professional engineer. As a professional engineer:

A. A person holding a certificate of registration to engage
 in the practice of engineering, on the basis of comparable written examinations, issued to-him by a proper authority of
 a state, territory or possession of the United States, the District of Columbia, or of any foreign country, who, in the
 opinion of the board, meets the requirements of this chapter, based on verified evidence may, upon application,
 be registered without further examination.

 A person holding a certificate of qualification record verification issued by the National Bureau-of-Engineering
 Registration Council of Examiners for Engineering and Surveying, whose qualifications meet the requirements of
 this chapter may, upon application, be registered without further examination-;

B. A graduate of an engineering curriculum of 4 years or
more approved by the board as being of satisfactory standing; and with a specific record of an additional --4
years-or-more-of experience in engineering work of a grade and character which--indicates that indicate to the board
that the applicant may be competent to practice engineering, shall may be admitted to an 8-hour written examination in
the fundamentals of engineering and an 8-hour written

examination in the principles and practice of engineering. Upon passing such <u>the</u> examinations, the applicant shall <u>may</u> be granted a certificate of registration to practice engineering in this State, provided--he--is--otherwise qualified, if all other gualifications are met;

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C. An applicant, having a specific record of a high school 8 education and 12 years or more of progressive experience in engineering work of a character and grade which-indicates that indicate to the board that the applicant may be 10 competent to practice engineering, and who passes an 8-hour written examination in the fundamentals of engineering 12 designed to show knowledge and skill approximating that 14 graduation in approved 4-year obtained through an engineering curriculum, and an 8-hour written examination in the principles and practice of engineering, shall may be 16 certificate of registration granted а to practice engineering in this State, provided -- he---is--- otherwise 18qualified, if all other qualifications are met;

An applicant with an experience record of at least 15 D. 22 years of lawful practice in engineering work, of which at least 10 years have been in responsible jobs or important engineering work, and of a grade and character which 24 indicates that indicate to the board that the applicant may be competent to practice engineering, and who has passed an 26 examination conducted by the State Board oral of Registration for Professional Engineers or by a board 28 committee or an 8-hour written examination in the principles and practice of engineering, and is otherwise qualified, 30 shall may be registered to practice engineering in this 32 State. This paragraph is repealed December 31, 1996;

E. Engineering teaching in a college or university offering
 an approved engineering curriculum of 4 years or more may be
 considered as engineering experience-;

- F. An applicant with an experience record of at least 15 years of lawful practice in engineering work, of which at least 10 years have been in responsible jobs or engineering work and of a grade and character that indicate to the board that the applicant may be competent to practice engineering, and who has passed an 8-hour written examination in the principles and practice of engineering, and is otherwise qualified, may be registered to practice engineering in this State; and
- 48 G. An applicant with an experience record of at least 15 years of lawful practice in engineering work, of which at
   50 least 10 years have been in responsible jobs or engineering

	work and of a grade and character that indicate to the board
2	that the applicant may be competent to practice engineering,
	who has a certificate of registration to engage in the
4	practice of engineering, on the basis of experience or
	non-National Council of Examiners for Engineering and
6	<u>Surveying examination issued by a proper authority of a</u>
	<u>state, territory or possession of the United States, the</u>
8	<u>District of Columbia or any foreign country, and who in the</u>
	<u>opinion of the board meets the requirements of this chapter</u>
10	<u>based on verified evidence may be registered upon</u>
	application by passing an oral examination conducted by the
12	State Board of Registration for Professional Engineers or by
	a board committee; and
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	2. Engineer-intern. As an engineer-in-training:
16	engineer-intern. The following shall-be is considered as minimum
TO	evidence that the applicant is qualified for certification as an
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18	engineer-in-training; <u>engineer-intern.</u>
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20	A. A graduate of an approved engineering curriculum of 4
	years or more who has passed the board's 8-hour written
22	examination in the fundamentals of engineering shall <u>may</u> be
	certified or enrolled as an engineer-in-training,-ifhe-is
24	etherwisequalified engineer-intern if all other
	<u>qualifications have been met.</u>
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	B. An applicant having a high school education and a
28	specific record of 8 or more years of experience in
	engineering work of a grade and character satisfactory to
30	the board, who passes the board's 8-hour written examination
00	in the fundamentals of engineering shall may be certified or
32	enrolled as an engineer-in-training,ifheisotherwise
52	qualified engineer-intern if all other qualifications have
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	engineer-in-training-shall-be-valid-for-a-period-of-12-years.
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	Any person having the necessary qualifications prescribed in
40	this chapter to entitle him that person to registration shall-be
	is eligible for such registration though he the person may not be
42	practicing his the profession at the time of making his the
	application.
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	Sec. 12. 32 MRSA §1353, as amended by PL 1991, c. 442, §6, is
46	further amended to read:
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10	812E2 Applications food
48	§1353. Application; fees

Page 7-LR2245(1) L.D.1271 Application for registration as a professional engineer or certification as an engineer-in-training engineer-intern is on a form prescribed and furnished by the board; contains statements made under oath, showing the applicant's education and a detailed summary of the applicant's technical experience, and contains references as set forth in section 1352, none of whom may be members of the board. An application fee and an examination fee may be established by the board in amounts which that are reasonable and necessary for their respective purposes.

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The registration fee for professional engineers is <u>must be</u> 12 established by-the-board-in-an-amount-net-to-exceed-\$40 in the rules adopted by the board.

The registration fee for engineer-in-training 16 <u>engineer-intern</u> certification or enrollment is <u>must be</u> established by the board in an amount not to exceed 1/2 of the 18 registration fee for professional engineers.

20 Sec. 13. 32 MRSA §1354, as amended by PL 1983, c. 468, §2, is further amended to read:

#### §1354. Examinations

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Written examinations shall <u>must</u> be held at such times and places as the board shall--determine <u>determines</u>. Examinations required on fundamental engineering subjects may be taken as provided in section 1352. The <u>final principles and practices of</u> <u>engineering</u> examinations may not be taken until the applicant has completed a period of engineering experience as set forth in section 1352.

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The passing grade on any examination shall-be is not-less than--70% established by the board. A--candidate--failing-one examination-may-apply-for-reexamination,--which-may-be-granted upon-payment-of-a-fee-established-by-the-board.-Any-candidate-for registration-having-an-average-grade-of-less-than-50%-may-not apply-for-reexamination-for-one-year,-unless-this-waiting-period is-reduced-or-waived-by-the-board.

Sec. 14. 32 MRSA §1356, as repealed and replaced by PL 1983, 42 c. 413, §49, is amended to read:

#### 44 §1356. Revocation and reissuance

The board may suspend or revoke the registration of an engineer or the certificate of an engineer-in-training
 engineer-intern pursuant to Title 5, section 10004. The board may refuse to issue or renew or the Administrative Court, pursuant to
 Title 4, chapter 25, may revoke, suspend or refuse to renew the

registration of a registered professional engineer or the certificate of an engineer-in-training <u>engineer-intern</u> who is found guilty of:

 Fraud or deceit. The practice of any fraud or deceit in obtaining a certificate of registration as professional engineer or a certificate as an engineer-in-training engineer-intern;

2. Negligence or misconduct. Any gross negligence,
 10 incompetency or misconduct in the practice of professional engineering as a registered professional engineer or as an
 12 engineer-in-training engineer-intern; or

14 **3. Violations.** Violating any provision of this chapter or any rule of the board.

Any person may register a complaint of fraud, deceit, gross negligence, incompetency or misconduct against any registered professional engineer or any engineer-in-training engineer-intern. These complaints shall must be in writing, sworn to by the person making them and filed with the secretary of the board.

The board, for reasons it may deem <u>determine</u> sufficient, may 24 reissue a certificate of registration as a professional engineer or as an engineer-in-training engineer-intern to any person whose 26 certificate has been revoked, provided that 4 or more members of the board vote in favor of that reissuance. A new certificate of 28 professional engineer registration as а or as an engineer-in-training engineer-intern, to replace any certificate 30 revoked, lost, destroyed or mutilated, may be issued, subject to the rules of the board, and a charge of-\$3-shall-be-made-for-that 32 issuance established by the board.

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Sec. 15. 32 MRSA §1358 is amended to read:

§1358. Exemptions from expiration and renewal fees

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Any <u>A</u> person holding a valid certificate of registration under this chapter on the date of entering employment in the 40 Armed Forces of the Government of the United States during a period of war or employment in any wartime service outside of the 42 continental United States, governmental or otherwise, under the United States or any of its allied nations shall-be is exempt, 44 for the duration of such that employment, from the payment of all 46 renewal fees and his the registrant's certificate of registration shall-remain remains in full force and-effect until the next regular renewal date following the termination of such 48 that employment.

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Sec. 16. 32 MRSA §1360, as amended by PL 1983, c. 413, §52, 2 is further amended to read:

#### 4 §1360. Residents certified elsewhere

A person who is a resident of the State and has been б another engineer-in-training certified in state as an engineer-intern may, be certified as an engineer-intern in this 8 State upon payment of a fee of -- \$5, -- be -- cortified -- as -- an engineer-in-training-in-Mainer-provided-that-he--submits-evidence 10 satisfactory--to--the-board--that--he-has-been-certified-as--an engineer-in-training---in--another---state---under---qualifications 12 equivalent --- to---these -- specified -- in -- this -- chapter -- for -- that eertification established by the board and upon submission of 14 evidence satisfactory to the board that certification as an engineer-intern in another state was under gualifications 16 equivalent to those specified in this chapter for that 18 certification.

Sec. 17. 32 MRSA §1361 is enacted to read:

#### 22 §1361. Retired status

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A registrant who has terminated practice of engineering may apply to the board for retired status. Upon receiving an application for retired status, accompanied by the fee established by the board, the board shall issue a certificate of retired status to the applicant and record the applicant's name in the roster as a retired registrant, along with the date of retired status.

A retired registrant may retain but not use the seal and may not practice engineering. The board shall reissue a certificate of registration to a retired registrant who pays all application fees, meets all current requirements for registration and demonstrates to the board's satisfaction that, for 2 years preceding the application for registration, the retired registrant met the requirements for maintaining professional competence established under the board rules.

#### STATEMENT OF FACT

44 The bill changes the term "engineer-in-training" to "engineer-intern," corrects gender-specific language and makes 46 technical changes. The bill amends the law pertaining to a nonresident practicing in the State by adding language that 48 indicates the application must be in writing. The bill changes the number of members on the State Board of Registration for 50 Professional Engineers from 6 to 7. The bill adds new

requirements that may be considered for a person to qualify as a 2 professional engineer. The bill also specifies who may be considered for retired status.

Page 11-LR2245(1)