

# MAINE STATE LEGISLATURE

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MAINE PUBLIC DOCUMENTS

July 1, 1938 - June 30, 1940

STATE BOARD OF  
REGISTRATION FOR  
PROFESSIONAL  
ENGINEERS

STATE OF MAINE



FOURTH ANNUAL REPORT

WITH ROSTER OF PROFESSIONAL ENGINEERS  
AS OF JANUARY 31st, 1940  
REGISTERED IN ACCORDANCE WITH CHAPTER 189,  
PUBLIC LAWS OF 1935

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Issued by  
STATE BOARD OF REGISTRATION  
FOR PROFESSIONAL ENGINEERS

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# Letter of Transmittal

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Augusta, Maine, February 1, 1940

To His Excellency,  
Honorable Lewis O. Barrows,  
Governor of Maine,  
Augusta, Maine.

Dear Sir:

I have the honor to transmit herewith the Fourth annual report of the State Board of Registration for Professional Engineers. This report includes the report issued at the end of the fiscal year, June 30, 1939, as required by Section 10 of Chapter 189, Public Laws of 1935, and also the roster of the registered professional engineers as of January 31st, 1940 required by Section 11 of the above mentioned law.

The Board desires to express its appreciation of the cooperation and assistance received from your office and the officials of the other state departments.

Very respectfully,

Lucius D. Barrows,

Chairman.

PERSONNEL OF MAINE  
STATE BOARD OF REGISTRATION  
FOR  
PROFESSIONAL ENGINEERS  
For the year ending October 31, 1940

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LUCIUS D. BARROWS, Chairman, Augusta	--- Term expires Oct. 31, 1940
PAUL CLOKE, Vice Chairman, Orono	----- Term expires Oct. 31, 1943
PAUL L. BEAN, Lewiston	----- Term expires Oct. 31, 1944
FRANK H. MASON, Augusta	----- Term expires Oct. 31, 1942
LEWIS D. NISBET, Portland	----- Term expires Oct. 31, 1941

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Mr. Bean was re-appointed on October 19, 1939 for a term of five years. At the meeting of the Board held on November 20th, 1939, all the officers and committees were re-elected for the year ending October 31st, 1940.

BRYANT L. HOPKINS, Secretary  
Bridge Street  
Waterville, Maine

## STATEMENT OF CHAIRMAN OF THE BOARD

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We are now in our fifth year of operation under the law providing for registration for professional engineers. Up to January 31, 1940, the Registration Board has considered 670 applications for registration—and of this number 568 have been registered, 93 denied, and action is pending on 9 cases.

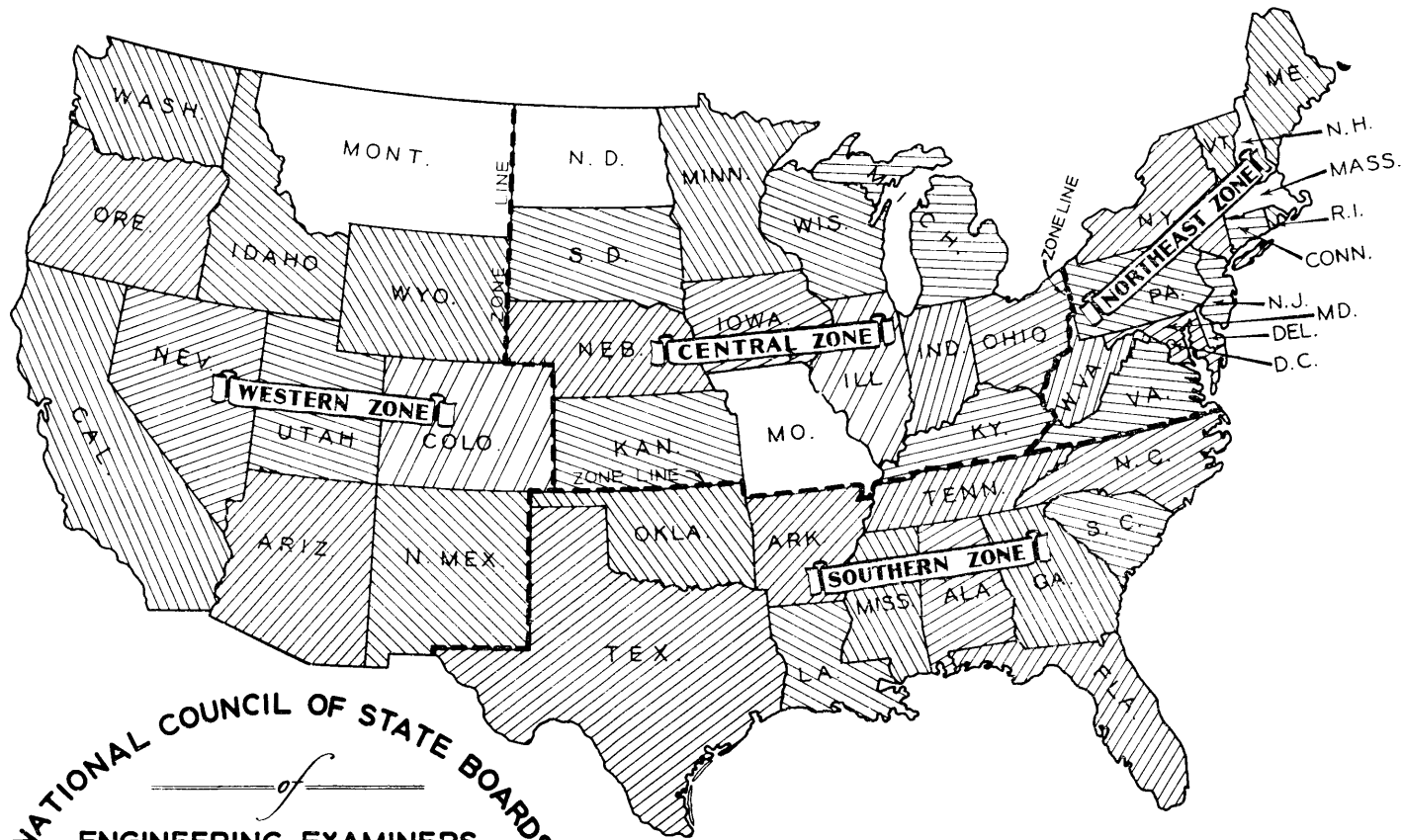
Fifteen of our registrants have died and 29 certificates have expired for failure to renew. This year all have renewed their registrations except four. At the present time there are 520 registered engineers in good standing.

During the past four years the Maine Board has had its problems, and I'm quite sure they are about the same problems other boards have encountered. Ours have been problems of registration rather than of enforcement. Infringement of the registration law, for the most part, has been the advertising of engineering services by non-registered men. The Board requests the cooperation of registrants in suppressing this type of advertising.

Engineering fundamentals and the application of these principles to practical things, that is, the practice of engineering, are the same everywhere, but without doubt every member of a registration board will agree that it is impossible to adopt a standard yardstick that will justly measure each applicant for registration that comes up for consideration. Time and again there is the question,—is the applicant practicing professional engineering or is he a man skilled in a trade? There is the difficulty in fairly and justly evaluating the applicant's experience in answer to the legal requirement that his experience must be satisfactory to the Board. What shall the Board set up as a measure or definition of satisfactory experience? And, again, of what type and how broad shall examinations be? There is much discussion and many opinions about these things.

We have heard a great deal about high professional standards. Let's begin with the schools and instill in the student's mind a true appreciation of the engineering profession, of its traditions and accomplishments. We all want higher standards, but it seems to me that efforts should be made to obtain uniform standards throughout the country, not so low that they are useless, and not so high as to bar the good men, but standards that will be a fair measure of the really competent engineer.

To bring these things about, I believe it is highly desirable that all registration boards cooperate in every way possible with the National Council of State Boards. Such cooperation will serve to determine the most desirable administrative procedure, and is necessary if we are ever to have a nation-wide workable basis of reciprocity.



NATIONAL COUNCIL OF STATE BOARDS  
*of*  
 ENGINEERING EXAMINERS



## REPORT OF FISCAL YEAR ENDING JUNE 30, 1939

## FOURTH ANNUAL REPORT

The fourth year of activity of the Board indicates that its work is approaching conditions which may be considered normal. The number of applications handled during the past year was the same as for the previous year, the total number being sixty-two. Of this number, forty-three applicants were granted registration, ten were denied registration, and nine applications are still pending. Of the number granted registration, one was qualified by examination, and of the number denied, one failed to qualify by examination. During the year two examination periods were held, but most of the applicants required to qualify by examination failed to appear. Most of those granted registration during the year were men of fairly long experience, a number of these being registrants in other states. The Board held seven meetings during the year as compared to six the previous year. This large number of meetings was necessary because of the extensive investigation which was required to properly handle applications.

The total number of applications, handled by the Board to date has been six hundred and forty-nine. Of this number, five hundred and fifty-eight have been granted registration, eighty-two have been denied, and nine are pending. There are five hundred and one residents of the state and fifty-seven non-residents holding registration certificates at the present time. Practically all the registrants of the previous year renewed their certificates, there having been only six certificates suspended during the past year for non-payment of renewal fee. Probably none of the registrants whose certificates were not renewed at the end of 1938 are practicing in Maine in violation of the law.

The Board has devoted much time to the study of the administration of the Maine law and its comparison to other laws. During the year no representative of the Board was able to participate in the work of the National Council of State Boards of Engineering Examiners at its convention, but affiliation with the Council and cooperation and support of its work has been continued.

The general movement for engineering registration in the country has progressed rapidly. The State of Vermont has enacted a law within the past year. Of the six states not having laws, two, New Hampshire and Massachusetts, are in New England. The engineer registration movement can be said to practically cover the entire country at the present time. There is little doubt that engineer registration will be in force in all the states in the near future and in the coming years there will be a gradual approach to uniformity in the laws and their administration.

In accordance with Section 10 of the Act, there is attached hereto a complete statement of receipts and expenditures of the Board, attested by affidavits of the Chairman and Secretary.

## MAINE REGISTRATION

**RECEIPTS AND DISBURSEMENTS OF MAINE STATE BOARD OF  
REGISTRATION FOR PROFESSIONAL ENGINEERS  
FOR THE YEAR ENDING JUNE 30, 1939**

Balance June 30, 1938 .....	\$4,719 68
Total Receipts, July 1, 1938 to June 30, 1939 .....	2,079 60
	\$6,799 28

## DISBURSEMENTS, July 1, 1938 to June 30, 1939

Secretarial and clerical .....	\$ 550 00	
Temporary wages .....	41 25	
Stamps, parcel post, etc. ....	23 00	
Telephone tolls .....	4 45	
Telegrams .....	1 25	
Freight and express .....	5 42	
Automobile mileage .....	69 66	
Meals .....	13 25	
Gratuities .....	40	
Printing .....	214 91	
Office supplies .....	17 72	
Employees Bond .....	5 00	
National Association Dues .....	47 10	
Furniture and equipment .....	55 60	\$1,049 01
		\$5,750 27
BALANCE ON HAND, July 1, 1939 .....		

LUCIUS D. BARROWS, Chairman

BRYANT L. HOPKINS, Secretary

State of Maine,  
County of Kennebec

Aug. 31, 1939

I, William H. Bradford, do hereby certify that I am a Notary Public and that the above Lucius D. Barrows, Chairman, and Bryant L. Hopkins, Secretary of the State Board of Registration for Professional Engineers, personally appeared before me and did swear and affirm that the above statement of financial transactions of the Board for the year ending June 30, 1939 are correct.

AN ACT TO REGULATE THE PRACTICE OF PROFESSIONAL ENGINEERING; CREATING A STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS.

CHAPTER 189, PUBLIC LAWS OF 1935.

*BE IT ENACTED BY THE PEOPLE OF THE STATE OF MAINE AS FOLLOWS:*

**Sec. 1. General provisions.** In order to safeguard life, health and property, any person practicing or offering to practice the profession of engineering, shall after January 1, 1936, be required to submit evidence as hereinafter provided; and it shall be unlawful for any person to practice or offer to practice the profession of engineering in the state, or to use in connection with his name or otherwise assume, use, or advertise any title or description tending to convey the impression that he is a professional engineer, unless such person has been duly registered or exempted under the provisions of this act.

**Sec. 2. Definitions.** The term "professional engineer" as used in this act shall mean a person who, by reason of his 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 hereinafter defined.

The practice of professional engineering within the meaning and intent of this act shall be held to mean any professional service, such as consultation, investigation, evaluation, planning, design, or responsible supervision of construction in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects, wherein the public welfare, or the safeguarding of life, health or property is concerned or involved, when such professional service requires the application of engineering principles and data.

The term "board" as used in this act shall mean the state board of registration for professional engineers, provided for by this act.

**Sec. 3. State board of registration for professional engineers, appointment of members: terms.** A state board of registration for professional engineers is hereby created whose duty it shall be to administer the provisions of this act. The board shall consist of 5 professional engineers, who shall be appointed by the governor by and with the consent of the council from among nominees recommended by the representative engineering societies in the state and shall have the qualifications required by section 4. The members of the first board shall be appointed within 30 days after this act becomes effective to serve for the following terms: 1 member for 1 year, 1 member for 2 years, 1 member for 3 years, 1 member for 4 years and 1 member for 5 years, from the date of appointment, or until their successors are duly appointed and qualified. Every member of the board shall receive a certificate of his appointment from the governor before beginning his term of office and shall file with the secretary of state his written oath or affirmation for the faithful discharge of his official duty. Each member of the board first appointed hereunder shall receive a certificate of registration under this act from said board.

On the expiration of the term of any member, the governor shall in the manner hereinbefore provided appoint for a term of 5 years a registered professional engineer, having the qualifications required by section 4, to take the place of the member whose term on said board is about to expire. Each mem-

ber shall hold office until the expiration of the term for which such member is appointed or until a successor shall have been duly appointed and shall have qualified.

**Sec. 4. Qualifications of members of board.** Each member of the board shall be a citizen of the United States and a resident of this state, and shall have been engaged in the practice of the profession of engineering for at least 12 years, and shall have been in responsible charge of important engineering work for at least 5 years. Responsible charge of engineering teaching may be construed as responsible charge of important engineering work.

**Sec. 5. Compensation and expenses of board members.** No member of the board, except as provided in section 9, shall receive any compensation for his services as a member of the board, but shall be reimbursed for all actual traveling and incidental expenses necessarily incurred in carrying out the provisions of this act. No clerical expenses shall be allowed any member of the board except as provided in section 9.

**Sec. 6. Removal of members of board; vacancies.** The governor by and with the consent of the council may remove any member of the board for misconduct, incompetency, neglect of duty, or for any other sufficient cause. Vacancies in the membership of the board shall be filled for the unexpired term by appointment by the governor as provided in section 3.

**Sec. 7. Organization and meetings of the board.** The board shall hold a meeting within 30 days after its members are first appointed, and thereafter shall hold at least 2 regular meetings each year. Special meetings shall be held at such time as the by-laws of the board may provide. Notice of all meetings shall be given in such manner as the by-laws may provide. The board shall elect or appoint annually the following officers: a chairman, a vice-chairman, and a secretary. A quorum of the board shall consist of not less than 3 members.

**Sec. 8. Powers of the board.** The board shall have the power to make all by-laws and rules, not inconsistent with this act and the constitution and laws of this state, which may be reasonably necessary for the proper performance of its duties and the regulations of the proceedings before it. The board shall adopt and have an official seal.

In carrying into effect the provisions of this act, the board may, under the hand of its chairman and the seal of the board, subpoena witnesses and compel their attendance, and also may require the production of books, papers, documents, etc., in a case involving the revocation of registration or practicing or offering to practice without registration. Any member of the board may administer oaths or affirmations to witnesses appearing before the board. If any person shall refuse to obey any subpoena so issued, or shall refuse to testify or produce any books, papers, or documents, the board may present its petition to the superior court, setting forth the facts, and thereupon such court, shall in a proper case, issue its subpoena to such person, requiring his attendance before such court and there to testify or to produce such books, papers, and documents, as may be deemed necessary and pertinent by the court. Any person failing or refusing to obey the subpoena or order of the said court may be proceeded against in the same manner as for refusal to obey any other subpoena or order of the court.

**Sec. 9. Receipts and disbursements.** The secretary of the board shall receive and account for all moneys derived under the provisions of this act, and

shall pay the same monthly to the treasurer of state, who shall keep such moneys in a separate fund to be known as the "professional engineers' fund." Such funds shall be kept separate and apart from all other moneys in the treasury and shall be continued from year to year and shall be paid out only by warrant of the state controller upon itemized vouchers, approved by the chairman of the board. All moneys in the "professional engineers' fund" are hereby specifically appropriated for the use of the board. The secretary of the board shall give surety bond to this state in such sum as the board may determine. The premium on said bond shall be regarded as a proper and necessary expense of the board, and shall be paid out of the "professional engineers' fund." The secretary of the board shall receive a salary and allowance for clerical hire as recommended by the board and approved by the state controller in addition to the expenses provided for in section 5. The board may make other expenditures from this fund which in the opinion of the board is reasonably necessary for the proper performance of its duties under this act. Under no circumstances shall the total amount of warrants issued by the state controller in payment of the expenses and compensations provided for in this act exceed the amount of the examination, registration and renewal fees collected as herein provided.

**Sec. 10. Records and reports.** The board shall keep a record of its proceedings and a register of all applications for registration, which register shall show (a) the name, age, and residence of each applicant; (b) the date of the application; (c) the place of business of such applicant; (d) his educational and other qualifications; (e) whether or not an examination was required; (f) whether the applicant was rejected; (g) whether a certificate of registration was granted; (h) the date of the action of the board; and (i) such other information as may be deemed necessary by the board.

The records of the board shall be prima facie evidence of the proceedings of the board set forth therein, and a transcript thereof, duly certified by the secretary of the board under seal, shall be admissible in evidence with the same force and effect as if the original were produced.

Not later than August 1st of each year, the board shall submit to the governor a report of its transactions of the preceding fiscal year ending June 30 and shall also transmit to him a complete statement of the receipts and expenditures of the board, attested by affidavits of its chairman and its secretary.

**Sec. 11. Roster of registered engineers.** A roster showing the names and places of business of all registered professional engineers shall be prepared by the secretary of the board during the month of January of each year. Copies of this roster shall be mailed to each person so registered, placed on file with the secretary of state and the clerk of courts of each county, and furnished to the public on request.

**Sec. 12. General requirements for registration.** The following shall be considered as minimum evidence satisfactory to the board that the applicant is qualified for registration as a professional engineer, to wit:

a. Graduation from an approved course in engineering of 4 years or more in a school or college approved by the board as of satisfactory standing; and a specific record of an additional 3 years or more of active practice in engineering work, and indicating that the applicant is competent to be placed in responsible charge of such work; or

b. Successfully passing a written, or written and oral, examination designed to show knowledge and skill approximating that attained through graduation from an approved 3 year engineering course and a specific record of 8 years or more of active practice in engineering work and indicating that the applicant is competent to be placed in responsible charge of such work.

No person shall be eligible for registration as a professional engineer who in the opinion of the board is not of good character and reputation.

Each year of engineering teaching, post graduate or research work in an engineering school or college approved by the board as of satisfactory standing may be considered as a year of active practice in engineering work except that 2 years of engineering work other than engineering teaching, post graduate or research work in such engineering school or college and of a character satisfactory to the board shall be required.

The satisfactory completion of each year of an approved course in engineering in a school or college approved by the board as of satisfactory standing, without graduation, shall be considered as equivalent to a year of active practice. Graduation in a course other than engineering from a college or university of recognized standing shall be considered as equivalent to 2 years of active practice. The mere execution, as a contractor, of work designed by a professional engineer, or the supervision of the construction of such work as a foreman or superintendent shall not be deemed to be active practice in engineering work.

After this act shall have been in effect 5 years, the board shall issue certificates of registration only to those applicants who meet the above requirements of section 12 or section 21.

At any time within 5 years after this act becomes effective the board may accept as evidence that the applicant is qualified for registration as a professional engineer a specific record of 12 years or more of lawful active practice in engineering work of a character satisfactory to the board and indicating that the applicant is qualified to design or to supervise construction of engineering works and has had responsible charge of important engineering work for at least 5 years and provided applicant is not less than 35 years of age. Responsible charge of engineering teaching may be construed as responsible charge of engineering work.

Any person having the necessary qualifications prescribed in this act to entitle him to registration shall be eligible for such registration though he may not be practicing his profession at the time of making his application.

**Sec. 13. Applications and registration fees.** Applications for registration shall be on forms prescribed and furnished by the Board, shall contain statements made under oath, showing the applicant's education and detail summary of his technical work, and shall contain not less than 5 references, of whom 3 or more shall be engineers having personal knowledge of his engineering experience.

The registration fee for professional engineers shall be \$15, \$7.50 of which shall accompany application, the remaining \$7.50 to be paid upon issuance of certificate.

Should the board deny the issuance of a certificate of registration to any applicant the initial fee deposited shall be retained as an application fee.

**Sec. 14. Examinations.** When oral or written examinations are required they shall be held at such time and place as the board shall determine, except that, upon written request by an applicant, a special examination shall be held within 90 days after receipt of such request by the board. The scope of the examinations and the methods of procedure shall be prescribed by the board with special reference to the applicant's ability to design and supervise engineering works, which shall insure the safety of life, health, and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration in professional engineering. A notification of the result of the examination shall be mailed to each candidate within 30 days after taking such examination. A candidate failing on examination may apply for re-examination at the expiration of 6 months and will be re-examined without payment of additional fee. Subsequent examination will be granted upon payment of a fee to be determined by the board.

**Sec. 15. Certificates; seals.** The board shall issue a certificate of registration upon payment of registration fee as provided for in this act, to any applicant who, in the opinion of the board, has satisfactorily met all the requirements of this act. The certificate shall authorize the practice of "professional engineering." Certificates of registration shall show the full name of the registrant, shall have a serial number, and shall be signed by the chairman and the secretary of the board under seal of the board.

The issuance of a certificate of registration by this board shall be evidence that the person named therein is entitled to all the rights and privileges of a registered professional engineer, while the said certificate remains unrevoked or unexpired.

Each registrant hereunder upon registration may obtain a seal of the design authorized by the board, bearing the registrant's name and the legend "registered professional engineer." Plans, specifications, plats, and reports issued by a registrant shall be stamped with the said seal, as prescribed in the rules of the board, during the life of the registrant's certificate, but is shall be unlawful for any one to stamp or seal any documents with said seal after the certificate of the registrant named thereon has expired, or has been revoked, unless said certificate shall have been renewed or re-issued.

**Sec. 16. Expiration and renewals.** Certificates of registration shall expire on the last day of the month of December following their issuance or renewal and shall become invalid on that date unless renewed, provided, however that certificates of registration issued during the calendar year of 1935 shall not expire until the last day of December, 1936. It shall be the duty of the secretary of the board to notify every person registered under this act, of the date of the expiration of his certificate and the amount of the fee that shall be required for its renewal for 1 year; such notice shall be mailed at least one day in advance of the date of the expiration of said certificate. Renewal may be affected at any time during the month of December by the payment of a fee designated by the board but which shall not exceed \$3 nor be less than \$1. The failure on the part of any registrant to renew his certificate annually in the month of December as required above shall not deprive such person of the right of renewal, but the fee to be paid for the renewal of a certificate after the month of December shall be increased 10% for each month or fraction of a month that payment of renewal is delayed; provided, however, that the maximum fee for delayed renewal shall not exceed twice the normal renewal fee.

**Sec. 17. Practitioners at time act became effective.** At any time within 1 year after this act becomes effective, upon due application therefor and the payment of the registration fee of \$10 the board shall issue, without oral or

written examination, requirements as specified under section 12, to any professional engineer who shall submit evidence under oath satisfactory to the board that he is of good character, has been a resident of the State of Maine for at least 1 year immediately preceding the date of his application, and has had practical professional experience, for at least 4 years, provided however, that if the applicant has performed work of a character satisfactory to the board the board may waive the foregoing requirements as to period of practice.

After this act shall have been in effect 1 year, the board shall issue certificates of registration only as provided for in section 12 or section 21 thereof, except those who can qualify under the provisions set out in this section at the time this law becomes operative.

**Sec. 18. Firms, partnerships, corporation and joint stock associations.** A firm, or a co-partnership, or a corporation, or a joint stock association may engage in the practice of professional engineering in this state, provided only such practice is carried on by professional engineers, registered in this state.

**Sec. 19. Public Works.** Any department of this state or any of its political subdivisions, any county, city, town, township, or plantation, may engage in construction of any public work involving professional engineering without procuring the services of a registered professional engineer, provided, that the contemplated expenditure for the completed project does not exceed \$5000.

**Sec. 20. Exemptions.** The following persons shall be exempt from the provisions of this act, to wit:

(a) A person not a resident of and having no established place of business in this state, practicing or offering to practice herein the profession of engineering when such practice does not exceed in the aggregate more than 30 days in any calendar year; provided, such person is legally qualified by registration to practice the said profession in his own state or county in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this act.

(b) A person not a resident of and having no established place of business in this state, or who has recently become a resident thereof, practicing or offering to practice herein for more than 30 days in any calendar year the profession of engineering, if he shall have filed with the board an application for a certificate of registration and shall have paid the fee required by this act. Such exemption shall continue only for such time as the board requires for the consideration of the application for registration; provided, that such a person is legally qualified to practice said profession in his own state or county in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this act.

(c) An employee or a subordinate of a person holding a certificate of registration under this act, or an employee of a person exempted from registration by classes (a) and (b) of this section; provided his practice does not include responsible charge or design or supervision.

(d) Officers and employees of the government of the United States while engaged with this state in the practice of the profession of engineering for said government.

(e) An officer or employee of a corporation engaged in interstate commerce as defined in the Act of Congress entitled 'An Act to Regulate Com-



merce, approved February 4, 1887, as amended, or in interstate communication as defined in the Act of Congress entitled 'Communications Act of 1934' approved June 19, 1934, while working solely as an employee of such corporation; provided that an officer or employee of such corporation customarily in responsible charge of the engineering work of such corporation within the State of Maine shall be a registrant under this Act.

**Sec. 21. Reciprocity.** The board may, upon application therefor, and the payment of a fee of \$15, issue a certificate of registration as a professional engineer to any person who holds a certificate of qualification or registration issued to him by proper authority of the national bureau of engineering registration, or any state or territory or possession of the United States, or any country, provided that the requirements for registration of professional engineers under which said certificate of qualification or registration was issued do not conflict with the provisions of this act and are of a standard not lower than that specified in section 12 of this act.

**Sec. 22. Revocations and re-issuances of certificates.** The board shall have the power to revoke the certificate of registration of any registrant who is found guilty of:

(a) The practice of any fraud or deceit in obtaining a certificate of registration;

(b) Any gross negligence, incompetency, or misconduct in the practice of professional engineering as a registered professional engineer.

Any person may prefer charges of fraud, deceit, gross negligence, incompetency, or misconduct against any registrant. Such charges shall be in writing, and shall be sworn to by the person making them and shall be filed with the secretary of the board.

All charges, unless dismissed by the board as unfounded or trivial, shall be heard by the board within 3 months after the date on which they shall have been preferred.

The time and place for said hearing shall be fixed by the board, and a copy of the charges, together with a notice of the time and place of hearing, shall be personally served on or mailed to the last known address of such registrant, at least 30 days before the date fixed for the hearing. At any hearing, the accused registrant shall have the right to appear personally and by counsel to cross-examine witnesses appearing against him, and to produce evidence and witnesses in his own defense.

If, after such hearing, 4 or more members of the board vote in favor of finding the accused guilty, the board shall revoke the certificate of registration of such registered professional engineer.

The board, for reasons it may deem sufficient, may re-issue a certificate of registration to any person whose certificate has been revoked, providing 3 or more members of the board vote in favor of such re-issuance. A new certificate of registration, to replace any certificate revoked, lost, destroyed, or mutilated, may be issued, subject to the rules of the board, and a charge of \$3 shall be made for such issuance.

**Sec. 23. Violations and penalties.** Any person who shall practice, or offer to practice, the profession of engineering in this state without being registered or exempted in accordance with the provisions of this act, or any person presenting or attempting to use as his own the certificate of registration or the

seal of another, or any person who shall give any false or forged evidence of any kind to the board or to any member thereof in obtaining a certificate of registration, or any person who shall falsely impersonate any other registrant of like or different name, or any person who shall attempt to use an expired or revoked certificate of registration, or any person who shall violate any of the provisions of this act, shall be guilty of a misdemeanor, and shall, upon conviction, be sentenced to pay a fine of not less than \$100 nor more than \$500, or by imprisonment for not more than 3 months, or by both such fine and imprisonment.

It shall be the duty of all duly constituted officers of the law of this state, or any political subdivision thereof, to enforce the provisions of this act and to prosecute any persons violating same. The attorney-general of the state or his assistant shall act as legal adviser of the board and render such legal assistance as may be necessary in carrying out the provisions of this act.

**Sec. 24. Saving clause.** This act shall not be construed to effect or prevent the practice of any other legally recognized profession.

**Sec. 25. Invalid sections.** If any section or parts of sections of this act shall be declared unconstitutional or invalid, this shall not invalidate any other portion of this act.

**Sec. 26. Repeal of conflicting legislation.** All laws or parts of laws in conflict with the provisions of this act shall be, and the same are hereby repealed, or amended to conform herewith.

Approved April 6, 1935

BY-LAWS OF  
MAINE STATE BOARD OF REGISTRATION  
FOR PROFESSIONAL ENGINEERS

SECTION 1—GENERAL

(1) Name:

The name of this board shall be STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS. For the purpose of brevity in the succeeding by-laws, this organization shall be subsequently referred to as the "Board".

(2) Headquarters:

The headquarters of the board shall be at The State House at Augusta, Maine.

(3) Seal:

The seal of the board shall be as follows: An embossed circular seal two and one-fourth inches in diameter consisting of two concentric circles, the outer circle to be two and one-eighth inches in diameter, the inner one to be one and three-eighths in diameter and containing the great seal of the State of Maine, and the words "State of Maine" above, and the words "State Board of Registration for Professional Engineers" below.

(4) Fiscal Year:

The fiscal year of the board shall end on June 30.

(5) Meetings:

Two stated regular meetings shall be held each year as follows: On the first Wednesday each January, and July at ten o'clock a. m. in the offices of the board, unless otherwise specified by notice. Special meetings may be called at any time by order of the Chairman. Due notice of such special meeting shall be given each member.

(6) Organization:

Within thirty days after a new member is appointed and qualified the board shall meet and organize by the election, from among its members, of a chairman and vice-chairman. At the same meeting the chairman shall appoint from among its members, the following standing committees:

- (a) Executive
- (b) Finance
- (c) Rules and Regulations
- (d) Committees on Examinations
- (e) Information

At the same meeting a Secretary or clerk shall be elected.

## (7) Examinations:

When oral or written examinations are required, they shall be held at such time and place as the board shall determine. The scope of the examinations and the methods of procedure shall be prescribed by the board with special reference to the applicant's ability to design and supervise engineering works, which shall insure the safety of life, health and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration in professional engineering. A candidate failing in one examination may apply for re-examination after six months and will be re-examined without payment of additional fee. Subsequent examinations will be granted upon payment of a fee to be determined by the board. At least two (2) regular scheduled examinations shall be held annually, in the months of January and July, respectively, and at such other times as determined by the board.

## SECTION 2—DUTIES

## (1) The Chairman:

The chairman shall when present preside at all meetings and shall appoint all committees. He shall otherwise perform all duties pertaining to the office of chairman. He shall sign all certificates, vouchers and other official documents.

## (2) The Vice-Chairman:

The Vice-Chairman shall, in the absence or incapacity of the chairman, exercise the duties and shall possess all the power of the chairman.

## (3) The Secretary:

The Secretary shall conduct and care for all correspondence in the name of the board and shall record and file all applications, certificates of registration, examinations, registrations and revocations. He shall be in possession of the official seal and affix same to all official documents upon order of the chairman and board. The Secretary shall sign all certificates. He shall keep a record of all meetings, in the form approved by the board, and shall maintain a proper account of all the business of the board. He shall receive and account for all moneys and transfer same to the state treasurer monthly. He shall present to the board annually at the July meeting a report of the transactions of the board of the preceding year, and a complete statement of the receipts and expenditures of the board, and upon its being approved by the board shall transmit the same to the governor.

He shall prepare a roster showing the names and places of business of all registered professional engineers during the month of January of each year, commencing January 1936. Copies of this roster shall be mailed to each person so registered, placed on file with the secretary of state, and furnished to the clerk of court of all counties and to the public on request. The secretary shall be required to give a surety bond in the amount fixed by the board.

The Secretary shall keep all records of the board in a manner reasonably safe from all fire hazard.

(4) Vacancies:

If for any reason vacancies shall occur in the office of chairman, vice-chairman and/or secretary, the offices or office shall be filled by an election of the board members either at a regular stated meeting or a special meeting called for that purpose. Any officers so elected shall receive not less than three (3) affirmative votes.

(5) Executive Committee:

The executive committee shall consist of three members, of which the chairman of the board shall be chairman. Its duties shall be to transact all business during the interval between meetings and to make a report thereon to the board at its next meeting.

(6) Finance Committee:

The finance committee shall consist of two members, of which the vice-chairman shall be chairman, and shall audit all bills, accounts, income and expense, including the financial records of the secretary, and shall report its action to the board for approval.

(7) Rules and Regulations Committee:

The rules and regulations committee shall consist of two members, and shall from time to time consider and recommend to the board such modification of the by-laws and rules governing examinations, registration and procedure as will give the best operating results.

(8) Examining Committee:

The committee on examinations shall consist of all members of the board. Their duties shall be to prepare the nature and scope of the examinations to be held by the board.

(9) Information Committee:

The committee of information shall consist of three members, and its duties shall be to recommend to the board data for publication and circularization setting forth the policy, purpose and principles of the board.

### SECTION 3—PROCEDURE

(1) Quorum:

Three members of the board shall constitute a quorum for the transaction of business.

(2) Order of Business Shall be as follows:

## MAINE REGISTRATION

1. Reading of Minutes
2. Report of Executive Committee
3. Report of Finance Committee
4. Report of Rules and Regulations Committee
5. Report of Committee on Examinations
6. Report of Information Committee
7. Report of Special Committees
8. Reading Communications
9. Reading and Considering Applications
10. Unfinished Business
11. New Business
12. Examinations
13. Adjournment

(3) Procedure:

Roberts' RULES OF ORDER shall govern the procedure of the board except as otherwise provided by the by-laws or the act.

(4) Notice:

A notice of each meeting shall be mailed to each member of the board, by the secretary, and shall be deemed full and proper notice thereof.

(5) Amendments:

Amendments to the by-laws must be presented in writing to each member of the Board at least one week in advance of a meeting and shall be voted upon at the next regular or special meeting.

Adopted January 11, 1936.

DEFINITIONS, RULES AND REGULATIONS FOR THE STATE  
BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS  
**State of Maine**

FOREWORD:

In administering the Act and formulating its procedures, the Board recognizes two fundamental obligations:

1. To respect the right to his means of livelihood of any individual who has prepared himself conscientiously and properly to practice Professional Engineering.

2. To protect the public, as far as possible, within the limits of the Act from such dangers, affecting life, health and property, as may arise from the attempt of incompetent or unethical persons to practice this profession.

DEFINITIONS:

A. The term "Act" shall refer to "An Act to Regulate the Practice of Professional Engineering: Creating a State Board of Registration for Professional Engineers", Chapter 189, Public Laws of 1935, State of Maine, signed by the Governor of the State of Maine, April 6, 1935.

B. The term "Board" shall mean the "State Board of Registration for Professional Engineers".

C. The term "Professional Engineer" shall mean a person who, by reason of his 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 in Section 2, Chapter 189, Public Laws of 1935, State of Maine.

D. The practice of Professional Engineering means any professional service, such as, consultation, investigation, evaluation, planning, design or responsible supervision of construction, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or project wherein the public welfare or safeguarding of life, health or property is concerned or involved, when such professional service requires the application of engineering principles and data.

RULE 1—REGISTRATION

Any person offering to practice professional engineering in the State of Maine after January 1, 1936, shall apply to the Board for a certificate of registration in the branch or branches desired and shall submit evidence of his

qualifications to the Board on forms furnished by the board, and, upon the approval of the Board, will be issued a certificate as a Professional Engineer.

Professional Engineers registering under this Act are requested to keep their certificates of registration issued by the Board posted conspicuously in their principal place of business, where the public can examine said certificates.

#### RULE 2—EXEMPTIONS

Certain exemptions are granted in Section 20 of the Act.

A. Non-residents of the state having no established place of business in this state, when such practice does not exceed in the aggregate more than thirty days in any calendar year; and provided such person is legally qualified by registration to practice said profession in his own state.

B. Exemption for thirty days for non-residents of the state, or those who have recently become residents thereof, if they shall have filed application with the Board of registration.

C. Employees or sub-ordinates of persons holding a certificate of registration; also employees of persons exempt from registration by classes "A" and "B", provided their work does not include responsible charge of design or supervision.

D. Officers and employees of the United States.

E. Officers and employees of corporations engaged in inter-state commerce as defined in an Act of Congress entitled "An Act to Regulate Inter-State Commerce" approved February 4, 1887. Officers or employees of corporations engaged in inter-state communication as defined in the Act of Congress approved June 19, 1934, provided that the officer or employer of such corporations customarily in charge of the engineering work of such corporations in Maine shall be a registrant under this Act.

#### RULE 3—APPLICATION FOR REGISTRATION

Applications for registration shall be made on forms furnished by the board.

Applications shall be made for registration as a Professional Engineer and should designate the branch in which they desire to qualify, such as:

- a. Aeronautical
- b. Chemical
- c. Civil



- d. Electrical
- e. Heating and Ventilating
- f. Industrial
- g. Mechanical
- h. Metallurgical
- i. Mining
- j. Sanitary
- k. Structural

Additional branches or subdivisions thereof may be designated by the applicant. The Board may, at its discretion, designate the branches or subdivisions thereof in which it finds the applicant to be duly qualified.

#### RULE 4—CLASSES OF APPLICANTS

Each applicant shall designate the classification in the following schedule of minimum requirements, under which he makes application.

##### **Professional Engineer**

1. Graduates of engineering schools  
From four year engineering course  
With three years of active practice and without examination
2. By examination designed to show knowledge and skill approximating that attained through graduation from an approved three year engineering course and a specific record of 8 years or more of active practice in engineering work and indicating that the applicant is competent to be placed in responsible charge of such work.
3. Non-graduates of engineering courses, who have twelve years of practice, and in responsible charge of work for five years, and thirty-five years of age or over, without examination. Limited to July 6, 1940.
4. Practitioners whether active or not at time Act becomes effective, limited to July 6, 1936 without examination and with at least four years professional experience required, or work of a character satisfactory to the Board.
5. Registrants of other states with equal standards of requirements. (For full information on general requirements, see Sections 12, 17 and 21 of the Act.)

## RULE 5—APPLICATION AND REGISTRATION FEES

Applications for registration should be addressed to Bryant L. Hopkins, Secretary, State Board of Registration for Professional Engineers, Waterville, Maine.

The schedule of fees is as follows:

The fee for Practitioners who are now and have been one year residents of Maine and have had at least four years Professional experience, shall be \$10.00. (For further information, see Rule 12).

The registration fee for Professional Engineers shall be \$15.00, \$7.50 of which shall accompany the application, the remaining \$7.50 to be paid upon issuance of certificate.

The annual fee for renewal of certificate is fixed by the Board in accordance with Section 16 at \$3.00 at the present time.

A fee of \$15.00 is required for Professional Engineers registered in other states who desire to register in Maine and can meet all requirements of Section 21 of the Act.

## RULE 6—EXAMINATIONS

The board may conduct oral or written examinations at such times and at such places as the Board shall determine. Additional examinations may be held at the discretion of the Board and within ninety days of the time any applicant may make such request for such examination.

Examinations may be oral or written, or partly oral and partly written. In certain examinations designated by the Board, applicants may use books and reference materials which may be subject to the inspection of the examiner and a list of said references filed with the examination.

The Board will notify the applicant within thirty days after the date of taking such examination. A candidate failing on examination may apply for re-examination in any subject at the expiration of six months and will be re-examined without payment of additional fee. All subsequent examinations will be given upon payment of a fee to be determined by the Board.

A candidate applying for re-examination after the expiration of six months shall file a new application, accompanied by the required fee.

The Board may, at its discretion, notify any applicant in any classification to appear personally and give opportunity for discussion and consideration of his application.

## RULE 7—REFERENCES

Each applicant shall list the names of at least five persons, three of whom shall be engineers, who can verify all or a part of the information submitted by the applicant.

The Board may communicate with such references at its discretion and submit a copy with the record of the applicant. If, after a reasonable time, information required from any reference has not been received, additional references may be required.

## RULE 8—REJECTION

Any person whose application has been rejected shall be so notified within thirty days of the time of his examination, or the consideration of his credentials.

The board shall, upon request of the applicant, advise him of the reasons for such rejection and applicant may then submit additional evidence for consideration by the Board. A rejected applicant will be given reasonable opportunity to secure re-consideration of his application.

## RULE 9—CERTIFICATE OF REGISTRATION AND REGISTRATION CARD

The Board will issue to each successful applicant a Certificate of Registration and a card certifying that the applicant holds a Certificate of Registration. Each Certificate shall be numbered in the order in which applications are approved by the Board and shall be signed by the Chairman of the Board and the Secretary.

Any person registered under this Act and doing business with the public on his own account or as chief executive, or as consultant, should keep his Certificate of Registration posted conspicuously in his place of business where the public can readily examine said Certificate.

In the event a Certificate of Registration or card indicating registration is lost, destroyed or mutilated, a duplicate will be issued upon payment of a fee of three dollars (\$3.00) and submission of a statement explaining the loss or destruction of the original document.

## RULE 10—REGISTRATION SEALS

Each registrant, upon notification of registration, is authorized to obtain an official seal of a size and design prescribed by the Board; and to affix the seal to any document he may prepare.

Said seal shall be impressed in the proper location in the following cases.

- A. On all plans or documents filed or offered for filing with any public body or agency.
- B. Registered Engineers engaged in private or consulting practice shall affix their seal to plans, specifications and reports.
- C. Seals need not be affixed on any engineering documents which are inter-company routine.
- D. Seals shall be affixed to all plans and documents formally submitted to contractors for bids or estimates.

Any registered engineer may impress his seal on any plans or documents, whether made by him or others, provided he takes full responsibility therefor, whether adequate compensation is received or not.

Where drawings or documents are bound together, the application of the seal on the first sheet or page shall be considered sufficient, but said first sheet must bear a statement of the number of sheets covered by the seal.

The seal shall be affixed over the signature or title of the responsible professional engineer.

Each registrant will be held responsible for the proper use of his seal.

#### RULE 11—EXPIRATIONS AND RENEWALS

All certificates of registration expire on December thirty-first of each year following their issuance or renewal, and unless renewed, shall become invalid after that date, making practice illegal.

The Secretary of the Board shall notify each person registered under this Act of the date of expiration of his certificate and the amount of the fee required for its renewal, which notice shall be mailed not later than December thirtieth of each year. Renewal of a certificate may be affected at any time during the month of December upon payment of a fee of three dollars (\$3.00). Upon payment of said fee the Secretary of the Board shall issue a card indicating renewal of registration.

Failure to renew a certificate of registration shall not deprive any registrant of the right of renewal, but the fee to be paid after December thirty-first shall be increased ten percent for each month or fraction of a month such registration is delayed, but in no case greater than twice the annual renewal fee.

#### RULE 12—PRACTITIONERS AT TIME ACT BECOMES EFFECTIVE JULY 6, 1935.

Until July 6, 1936, and upon application in proper form, accompanied by a fee of \$10.00, the Board shall issue, without oral or written examination or requirements as specified under section 12 of the Act, to any Professional Engineer who is of good character, has been a resident of Maine for at least one year, has had practical professional experience for at least four years, a certificate of registration.

The requirement of period of practice may be waived at the discretion of the Board.

Adopted January 11, 1936.

## NATIONAL BUREAU OF ENGINEERING REGISTRATION

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BUREAU OF INFORMATION

1940

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PURPOSE AND ADMINISTRATION

The National Bureau of Engineering Registration is operated as a function of the **National Council of State Boards of Engineering Examiners**, under the direction of a standing Committee of the Council, with an Advisory Board of representatives from national engineering societies. It was established primarily to minimize the effort and expense of engineers practicing in more than one state in securing interstate registration. The Bureau also constitutes a clearing house for state registration authorities, employers, societies, and others, acting as a reliable source of verified information regarding the professional records of engineers.

The question may be asked: "Why is certification by the Bureau desirable and why not grant reciprocal registration to any engineer who is registered in another state?" For ordinary state registration an engineer may possess qualifications that meet the minimum requirements for registration under the "Grandfather" clause of the state law (or that are adequate for local conditions) and therefore is given **state registration**; whereas, **national certification** by the Registration Bureau requires an independent verification of an engineer's entire record, evaluation and certification as to meeting the minimum requirements of the approved Model Law (not the "Grandfather" clause), a review (examination if required) by his own State Board and a specific indorsement, recommending him for registration in other states.

Under the Constitution of the United States there can probably be no national registration in any profession, the authority to legally register or license citizens to practice a given profession being vested in the several states. Certification by the Bureau, therefore, is not a prerequisite for registration in any state, nor is it binding upon the State Boards of Registration, nor will the Bureau assume any responsibility to the applicant in securing his legal registration authorizing the practice of engineering. The By-Laws of the National Council and the registration laws or regulations of most states specifically provide, however, for acceptance of certificates issued by the Bureau, and all but four of the Member Boards of National Council have definitely indicated that they will accept certification by the Bureau, with indorsement by a State Board, as competent evidence of qualification for registration.

## SUMMARY OF STATE REQUIREMENTS

All State Boards reserve the right to take whatever action they deem necessary to conform with the requirements of their laws and regulations in connection with any application for registration in their State and, in some cases, may require additional information or references.

Twenty (20) states; namely, Alabama, Arizona, Georgia, Iowa, Kansas, Kentucky, Louisiana, Maine, Michigan, Mississippi, Nevada, New Mexico, Oregon, Rhode Island, South Carolina, South Dakota, Vermont, Virginia, Wisconsin and Wyoming, will accept as competent evidence of qualification the Registration Bureau Certificate of Qualification and **will not require in addition thereto letters from references.** (Questions Nos. 1 and 2 in tabulation on page 5.)

Six (6) states; namely, Arkansas, Connecticut, Nebraska, New Jersey, North Carolina and Oklahoma, will accept as competent evidence of qualification the Registration Bureau Certificate of Qualification, but **will require photostatic copies of the answered questionnaires from the five references** given in Section 1 of the Bureau application. (Questions Nos. 1 to 4 in tabulation on page 5.)

Six (6) states; namely, Florida, Indiana, Minnesota, Ohio, Tennessee, West Virginia and Hawaii, will accept as competent evidence of qualification the Registration Bureau Certificate of Qualification, but **will require photostatic copies of answered questionnaires from all references** given in the Bureau application. It is understood that the State Boards that require these photostatic copies of all reference replies will probably not communicate with any references or other parties and will act upon applications without delay. (Questions Nos. 1 to 4 in tabulation on page 5.)

Two (2) states; namely, Pennsylvania and Texas, will accept as competent evidence of qualification the Registration Bureau Certificate of Qualification, but **will require five additional references with whom they will communicate direct.** (Question No. 3 in tabulation on page 5.)

**California** advises that the office of their Attorney General has ruled that the duty and obligation of the California Board cannot be delegated to another State Board or to the National Bureau of Engineering Registration. **New York** advises that under their laws no authority to accept the recommendation of any party other than their own Board of Examiners; however, the fact that an applicant has been certified by the Registration Bureau is considered very excellent reference. **Idaho** advises that their law does not permit them to grant registration upon the basis of a Registration Bureau Certificate of Qualification; however, they recognize that some prestige is attached to such certification.

**Louisiana** advises "that the applicant must furnish with the Registration Bureau Certificate of Qualification a special form satisfactorily filled out by the Board in the state in which he was originally registered."

## BUREAU PROCEDURE AND REQUIREMENTS

**Indorsement by State Board**

Before proceeding with the verification and certification of the professional record of an applicant his application will be submitted by the Bureau to the State Board with which he is registered in the state of which he is a resident or, in some cases, in the state in which he is practicing; and the Board at its discretion may require the applicant to furnish any additional information or to pass such written or oral examination as may be deemed necessary to establish his ability. When in the opinion of said Board the applicant is entitled to be recommended to other State Boards for registration, his Certificate of Qualification will be so indorsed or released by the Board.

**Verified Professional Record and Certificate of Qualification**

Any registered engineer may have the Bureau investigate, verify, and evaluate his professional record. For such verification the applicant must submit to the Bureau on its prescribed form his complete record, including education, professional experience, legal registration, technical examinations, membership in professional or scientific societies, and references as to character and experience. The Bureau will then make an independent investigation of every item in this record and will either verify each one or indicate on the record the items which have not been verified, with reasons.

The Bureau will certify the verified professional record of an applicant who meets the "General Requirements for Registration" as specified in "A Model Law for the Registration of Professional Engineers and Land Surveyors", revised 1937. These minimum requirements are:

a. **Graduation Plus Experience.**—Graduation from an approved engineering curriculum of four years or more in a school or college approved by the Council as of satisfactory standing; and a specific record of an additional four years or more of experience in engineering work of a character satisfactory to the Board (and Bureau), and indicating that the applicant is competent to practice professional engineering (in counting years of experience, the Bureau at its discretion may give credit, not in excess of one year, for satisfactory graduate study in engineering); or

b. **Examination Plus Experience.**—Successfully passing a written, or written and oral, examination designed to show knowledge and skill approximating that attained through graduation from an approved four-year engineering curriculum; and a specific record of eight years or more of experience in engineering work of a character satisfactory to the Board (and Bureau) and indicating that the applicant is competent to practice professional engineering; or

c. **Long Established Practice.**—A specific record of twelve years or more of lawful practice in professional engineering work of a character satisfactory to the Board (and Bureau) and indicating that the applicant is qualified to

design or to supervise construction or engineering works and provided applicant is not less than thirty-five years of age.

The practice of professional engineering includes any professional service, such as consultation, investigation, evaluation, planning, design, responsible supervision of construction or operation, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects, wherein the public welfare, or safeguarding of life, health or property is concerned or involved, when such professional service requires the application of engineering principles and data. Engineering teaching may be construed as engineering experience. The satisfactory completion of each year of an approved curriculum in engineering in a school or college approved by the Board (and Bureau) as of satisfactory standing, without graduation, shall be considered as equivalent to a year of experience in subsection "b". Graduation in a curriculum other than engineering from a college or university of recognized standing may be considered as equivalent to two years of experience in subsection "b"; Provided, however, That no applicant shall receive credit for more than four years of experience because of undergraduate educational qualifications.

It is interpreted that the practice of professional engineering does not include the work ordinarily performed by persons who operate or maintain machinery or equipment, or whose only experience has been in the execution, as contractor, of work designed by a professional engineer or the supervisor of the construction of such work as a foreman or superintendent.

An applicant, whose status is classified under sub-section "b" of the requirements and who has not passed an engineering examination satisfactory to the Board and Bureau, will be notified to this effect and, if desired by him, a State Board of Engineering Examiners or Registration designated by the Bureau will conduct the required examination. The applicant will be required to pay for any expense incurred.

### FEES AND APPLICATIONS

The Bureau is a non-profit agency and the fees charged represent only the actual cost of clerical work, printing and postage.

The charges for services of the Registration Bureau are as follows:

1. Fee for investigation, verification, and certification, including one photostatic copy of Verified Professional Record, Certificate of Qualification and State Board Indorsement (one document)—\$20.00.
2. Additional copies of Certificate of Qualification (the document referred to above)—each \$2.00.
3. One set of one photostatic copy of Certificate of Qualification and one each of the answered questionnaires from the five references given in Section 1



of the Bureau application form, to be mailed direct to a State Board. (Required by certain State Boards as listed.)—\$5.00.

4. One set of one photostatic copy of the Certificate of Qualification and one copy each of all answered questionnaires in connection with the Bureau application, to be mailed direct to a State Board. (Required by certain State Boards as listed.)—\$10.00.

Fees must accompany applications or orders for copies.

An investigation such as that conducted by the Bureau often requires considerable time. It is suggested, therefore, that an engineer should not wait until he actually needs a Certificate of Qualification. He should, in fact, file his application with the Bureau as early as practicable so that certification by the Bureau may be available for presentation to State Boards of Engineering Examiners or Registration with which he desires registration or for other appropriate purposes.

**It should be noted that a Certificate of Qualification will not be issued by the Bureau except jointly with a State Board with which the applicant is already registered and which will indorse or release his application.**

**Applications must be submitted on forms prescribed by the Bureau and must be filed with the National Bureau of Engineering Registration, P. O. Drawer 1404, Columbia, South Carolina.**

## NATIONAL BUREAU OF ENGINEERING REGISTRATION

**Tabulation of Answers to Questionnaire of September 29, 1939, from State  
Boards of Registration for Professional Engineers.**

(The column numbers refer to the questions listed on page 6.)

	1	2	3	4		1	2	3	4
Alabama	Yes	No			New Jersey	Yes	Yes	Yes	5
Arizona	Yes	No			New Mexico	Yes	No		
Arkansas	Yes	Yes	Yes	5	New York	No			
California	No				North Carolina	Yes	Yes	Yes	5
Connecticut	Yes	Yes	Yes	5	Ohio	Yes	Yes	Yes	All
Florida	Yes	Yes	Yes	All	Oklahoma	Yes	Yes	Yes	5
Georgia	Yes	No			Oregon	Yes	No		
Hawaii	Yes	Yes	Yes	All	Pennsylvania	Yes	Yes	No	
Idaho	No				Puerto Rico	No			
Indiana	Yes	Yes	Yes	All	Rhode Island	Yes	No		
Iowa	Yes	No			South Carolina	Yes	No		
Kansas	Yes	No			South Dakota	Yes	No		
Kentucky	Yes	No			Tennessee	Yes	Yes	Yes	All
Louisiana	Yes				Texas	Yes	Yes	No	
Maryland*					Utah*				
Maine	Yes	No			Vermont	Yes	No		
Michigan	Yes	No			Virginia	Yes	No		
Minnesota	Yes	Yes	Yes	All	Washington*				
Mississippi	Yes	No			West Virginia	Yes	Yes	Yes	All
Nebraska	Yes	Yes	Yes	5	Wisconsin	Yes	No		
Nevada	Yes	No			Wyoming	Yes	No		

\* No answer to questionnaire from this State.

1. Will your Board, in the absence of disqualifying evidence, accept as competent evidence of qualification the National Bureau Verified Professional Record and Certificate of Qualification, including the recommendation and reciprocal indorsement of a Member Board, when submitted in support of applications for registration in your state?

2. If the answer to No. 1 is "yes"—will your Board require, in addition to a photostatic copy of the National Bureau Verified Professional Record and Certificate of Qualification and the application form of your Board, letters from the references from whom the Bureau has already secured replies to questionnaire?

3. If the answer to No. 2 is "yes"—will your Board accept photostatic copies of the original questionnaire letters that were secured from references by the Bureau?

4. If the answer to No. 3 is "yes"—will your Board require photostatic copies of the questionnaires received by the Bureau from the five references given in Section 1 of the Bureau Application only, or will you require copies of all questionnaire replies for all items in the record?

Note: This Information Pamphlet supersedes all previous editions issued by the Bureau.

**NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS**


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 OFFICERS 1939-1940

A. C. POLK, President	Birmingham, Alabama
VIRGIL M. PALMER, Vice-President	Rochester, New York
CHAS. F. SCOTT, Past President	New Haven, Connecticut
J. H. DORROH, Director, Western Zone	Albuquerque, New Mexico
C. C. KNIPMEYER, Director, Central Zone	Terre Haute, Indiana
FRED E. RIGHTOR, Director, Southern Zone	Austin, Texas
W. W. HODGE, Director, Northeast Zone	Morgantown, West Virginia
T. KEITH LEGARE, Executive Secretary	Columbia, South Carolina

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**COMMITTEE ON NATIONAL BUREAU OF ENGINEERING REGISTRATION**

- L. M. Martin, Chairman, Iowa, Representing Committee on Qualifications for Registration, (1941).
- James L. Ferebee, Wisconsin, Representing Central Zone, (1942).
- Chester F. Wright, Florida, Representing Southern Zone, (1942).
- W. W. Hodge, West Virginia, Representing Northeast Zone, (1941).
- Virgil M. Palmer, New York, Representing Committee on E. C. P. D., (1940).
- G. M. Butler, Arizona, Representing Western Zone, (1940).
- T. Keith Legaré, South Carolina, Executive Secretary, N. C. S. B. E. E., (Ex-Officio).

**Advisory Board**

American Society of Civil Engineers	George T. Seabury
American Society of Mechanical Engineers	Virgil M. Palmer
American Institute of Electrical Engineers	Walter I. Slichter
American Institute of Chemical Engineers	J. M. Weiss
Society for the Promotion of Engineering Education	P. H. Daggett
American Association of Engineers	C. J. Ullrich
American Railway Engineering Association	R. E. Warden

**NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS**


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Founded November 8, 1920

Incorporated March 28, 1938

**STATEMENT OF PURPOSE AND POLICY**

The National Council of State Boards of Engineering Examiners is an advisory and coordinating agency established primarily to assist State Boards of Registration for Professional Engineers in a more efficient and uniform administration of state registration laws; and its functions and activities include the certification of engineers, jointly with State Boards, for reciprocal registration in the various states, and the operation of a national clearing house and information bureau for matters pertaining to the legal registration of professional engineers, serving State Boards, state committees, engineering societies, individual engineers and the public.

**Member Boards**

Alabama	Kansas	New Mexico	Tennessee
Arizona	Kentucky	New York	Texas
Arkansas	Louisiana	North Carolina	Utah
California	Maine	Ohio	Vermont
Connecticut	Maryland	Oklahoma	Virginia
Florida	Michigan	Oregon	Washington
Georgia	Minnesota	Pennsylvania	West Virginia
Hawaii	Mississippi	Puerto Rico	Wisconsin
Idaho	Nebraska	Rhode Island	Wyoming
Indiana	Nevada	South Carolina	
Iowa	New Jersey	South Dakota	

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**NATIONAL HEADQUARTERS  
503 CAROLINA LIFE BUILDING  
P. O. DRAWER 1404  
COLUMBIA, SOUTH CAROLINA**

## NATIONAL CONFORMITY IN GAUGING COMPETENCY\*

Chas. F. Scott, President

National Council of State Boards of Engineering Examiners

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**Engineering Registration: An Innovation**

Present problems may be clarified by an historical perspective. Ours is a changing profession in a changing world. It is only a bit over a century since the Erie Canal was created by "The Genius of our almost untaught engineers" and the locomotive came from "the self-instructed engine mechanic, George Stephenson". Later came engineering schools and societies; one for training individuals, the other for group action. The Societies have emphasized technological advance in their specialties; they have also sponsored a professional consciousness and a broad progressive ideal in engineering, universal as science and education are universal. Quite recently has come legal registration. On a new basis it unscientifically sub-divides a universal profession by unnatural geographical, political, state boundary lines.

**"The Growing Evil of Barriers"**

A scientific profession quickly segregated into legally independent units is in danger of the hodge podge which followed the Declaration of Independence and the Revolutionary War when 13 quite independent states tried to get along together as "a bundle of individuals". It did not work. Presently came the Constitution—a basis for common action in some things. But difficulties still persist. New York's Governor Lehman, host to a conference of Governors last month, warned against "The growing evil of the erection of barriers to trade and commerce by one state or a group of states against other states".

We engineers are now confronted by the national problem of voluntary cooperation by legally autonomous units. There are precedents to be avoided. Our commercial and business laws and those relating to taxes, inheritance, marriage and divorce present a challenge to engineers to do a better job than our lawmakers have done. Lawyers have created perplexities for lawyers to try to solve. There are other precedents. An older engineer in talking about reciprocity recounted his first auto trip from Pennsylvania to New York; he was halted at the New Jersey line and allowed to proceed just far enough to buy a New Jersey license. Our present engineering registration seems now to be on a par with automobile licensing when it was emerging from the horse and buggy days.

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\*Address at Annual Convention Dinner, San Francisco, July 28, 1939. This supplements the President's address on the Activities of the Year.

How to make engineering practice national and not provincial is our own engineering problem. A profession which can engineer a Boulder Dam and a Golden Gate Bridge should be able to set its own house in order.

### **Fundamentals are Propitious**

Registration is our engineering project not forced on us from without. Engineers themselves have secured our registration laws. Engineering groups have formulated a Model Law, which they keep revised. They have joined—societies and schools and registration boards—in Engineers' Council for Professional Development (E. C. P. D.) to promote the professional status of the engineer. Through it they have accredited curricula and are raising the quality of engineering schools. Engineering educators have created a precedent for progress through voluntary conformity: Their society for the Promotion of Engineering Education (S. P. E. E.) has been a forum for 46 years for interchange and discussion of ideas; voluntarily putting them into practice has produced the quality of our present engineering education. The society has invited and promoted investigations; by an out-side expert, Dr. C. R. Mann (1907-18); by its own board (directed by President Wickenden and Dean Hammond, (1923-29); by E. C. P. D. (the recent accrediting—which incidentally furnishes the data for a forthcoming summary of present conditions and trends). Engineering has no tradition of sectional or state rivalry to be broken down—our opportunity is to prevent such barriers.

Our national societies have assumed professional unity as their ideal. Registration should not take a backward step. The words "National Council" in our title imply an "Advisory and Coordinating Agency" while our stated purposes concerning "Public Welfare", "Improvement of Standards", "Uniform Administration" and "Reciprocal Relations" are all in harmony with our traditions and ideals. Furthermore, our participation in E. C. P. D. links the new registration procedure with the two older agencies—the schools and the societies. The first fruit of common endeavor by these autonomous groups—accrediting—augurs well for what common endeavor may bring about in the future. Surely new difficulties cannot loom larger than those of a decade ago when it was proposed that the societies and State Boards should join in passing judgment on our proudly autonomous schools; but a miracle has transformed the seemingly impossible into a notable achievement. Under cover there was planning and prudence and patience.

I trust that this review of things we already know shows how our present activities fit unto the general scheme of engineering, and gives you as it gives me, assurance to go ahead.

### **Society Membership vs. Registration**

Engineering Society membership and Engineering Registration are different. Why and wherein are they different? That they do differ is evident

when attempts are made to secure endorsement of registration by all societies or to coordinate membership with registrants. The differences are not merely superficial or whimsical, they are fundamental.

Engineering is the agency for making the discoveries of Science of practical use. It has two aspects—the theoretical and the practical. It is concerned on the one hand with new knowledge and getting it into useable form and testing it by experience. That is the function so well performed by the engineering societies. On the other hand is its application to practical use. As scientific knowledge expands and its applications become more vital in our modern life engineering competency is essential to prevent failure and disaster. To assure such competency is the function of Registration. One who would practice professional engineering is now “required to submit evidence that he is qualified so to practice”. True, the societies are taking an increasing interest in the training of engineers both before and after graduation, but their preponderating concern is with the production of usable engineering knowledge. Registration is directed to gauging the competency of the individuals who apply that knowledge. Societies and Registration Boards have a common purpose—to promote the effectiveness of engineering work; their activities overlap; they should coordinate and cooperate.

#### Competency to Practice

“Indicating that the applicant is competent to practice professional engineering” is the epitome of the Model Law—all the rest is subsidiary to these ten words. In fact, only our Committees on Examination and on Experience are engaged on our vital problem; all the others concern the formalities and procedures.

“Competent” is simply said, but it is no simple task that falls to our Boards. We are dealing with intangibles, with human qualities. Knowledge and experience must be satisfactory to the Board, although differing with each candidate; but what he has learned and what he has done are not the essentials—it is the resulting qualities and abilities including character and judgment, which all together must indicate that he is “competent”.

Furthermore, competency should increase through a lifetime; when is it sufficient to merit a registration certificate? The answer: When it is “satisfactory to the Board”. The judgment of the Board is the final arbiter. Even if we make rules apportioning the weights to be assigned to various qualities, it is our judgment which fixes those rules. Rules are useful, although sometimes allowed to overrule judgment.

We may note a policy of the E. C. P. D. accrediting committee: it opposed rigid standardization of engineering education; it set forth general principles and specified broad divisions of subject matter rather than detailed quantitative requirements in specific courses. Accrediting did not become regimentation. It would be a sad day if schools and registration procedures and engineers were made alike. Past progress has come through independent pioneering in schools and societies and individuals. Good quality has many varieties. Our best en-



gineers are different; even Board members are not alike. We seek rational conformity; not rigid uniformity. We are not yet agreed as to some of our fundamentals; if we were to write our ideas of "professional engineering" we would not be alike. Our profession is not fixed, it is changing. Even The Engineer is an enigma. The learned Director of Engineering Societies' Library told me that after spending hours trying in vain to define The Engineer he took solace in agreeing with an English friend—"An Engineer is one who can draw sufficient conclusions from insufficient data".

Nevertheless, it is our task to issue a certificate when education and experience indicate satisfactory competence. By what methods and in what units can we evaluate it?

Examination is the method of gauging candidates which at first seems most definite and most easily expressed in precise and satisfying percentages. Yet no subject is provocative of richer discussion. Our controversy seems to concern length and content and method and uniformities. Possibly our real differences are different views as to what qualities we are trying to ascertain and to the usefulness of examinations in gauging them. Broadly what are the qualities that should be common to all or to particular groups or to notable individuals? And how can we gauge them? We are really concerned with an aggregate of human qualities—many intangible. What evidence can the Board secure from a man's own written record, from his references, from his experience, from interviews, and from examinations—evidence which will be satisfactory evidence on which the Board may base a decision as to a lifelong certificate. Are we concerned only with the present competency of a novice, or with his past career as indicating increasing competency in the coming years?

### **Gauging Competency—A Program; A Study**

If our real objective is to appraise Qualifications indicating Competency, why not study them broadly and consider what part examinations and interviews and experience and other things should play?

As an immediate practical step, I believe we would gain by cooperation between our Committees on Examinations and Interviewing and Experience. These inter-related factors in gauging competency should be coordinated; when are all necessary and where not? Possibly the chairmen of these committees might form part of a general committee on competency.

A word as to examinations. It has been suggested that we are too pedagogically minded; that Professors insist on examinations as it is the only method of measurement they know. But not all; read Dean Agg's masterly address at the 1938 Convention before you condemn all pedagogues or extol examinations as the cure-all panacea. I quote a few sentences: "There is very little real data on the effectiveness of written examinations." "The scores on the same papers by different experts ranged from 40 to 90." "What is needed is the development of the science and art of examinations." "The Engineering Examiners have made an enviable record." "Collaboration and

checking should set a pattern." "The problem before the Boards is a very complex one."

Experience should be gauged by its contribution to competency—not by the name of the job but by the development of the individual. For instance, some would taboo sales work and apprenticeship. But some sales work engages the most expert engineers on novel or major projects; training courses conducted by some industries for converting graduates into engineers for their own services should serve as acceptable ladders towards professional engineering.

A joint committee as above suggested may aid us in coordinating the several elements for determining competency, presumably ascertaining the practices and views of our Boards.\*

A comprehensive study of Qualifications for Competency and methods of evaluating them is too much to ask of a committee of busy men concerned especially with the operating procedures of our Boards. I have in mind a broad research study including not only the experience and views of our own Boards but seeking aid from College Entrance Boards, from those who are testing placement examinations for Freshmen and comprehensive examinations for Seniors and from admission committees of Societies which do not examine, from employment experts in industry, examining boards in other professions and other experts in the field of human appraisal.

Such studies by us as individuals and as State Boards are worth while; a committee of the National Council could do much, but the problem is far reaching. We hesitate to practice any branch of engineering in which we are not qualified; does an appointment to a Board make us expert examiners? Many Board members are busy practitioners; why should we not have the benefit of research experts to study and advise? This may require funds but they would be well spent.

#### **Present Standards—A Broad Survey; A Specific Study**

A fact-finding survey of the criteria of our two score Boards (and of our several Societies and numerous graduate schools and other agencies which are de facto giving recognition to engineers) was proposed in a statement I made to our conference last January. Such a survey, limited to our own Boards and directed by our National Council, would serve as a basis for raising and coordinating our standards. It calls for funds which are not now available—let us anticipate that they may be later on.

A specific study of a few Boards is suggested as a practical alternative. President R. E. Doherty (Carnegie Institute of Technology) who discussed the situation with Dr. Jessup, President of Carnegie Foundation writes me:

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\*This general plan was moved by a member of the Committee on Uniform Examinations and adopted by the Council.

“Dr. Jessup was, however, very sympathetic to our efforts to try to bring some order out of the present chaos and made a suggestion which may have value and interest to you. From his experience of many studies, he is convinced that the most effective way of raising standards and of getting a reasonable approach toward uniformity is to select out a few units which seem to be representative of the best and then study and present what they are doing. In other words, he would recommend that a study be made, which could be made perhaps within the resources of the Boards themselves of perhaps a half dozen Boards with no intention of completeness as far as the whole 42 Boards are concerned, but complete as to what each does; and then make that available to other Boards.”

Such a study is different from our ordinary questionnaire method of ascertaining the practices or views of many Boards as to a few particulars. The more complete picture of the aims and ideas and methods and practices of individual Boards in appraising candidates particularly in matters where there is now a divergence of views and procedures, would give a concrete basis for understanding and clarifying our common problems. Interchange of information is our best means for progress and conformity. Can we not ask several State Boards to prepare such statements? The plan would be facilitated if one man could visit the participating Boards and join in the preparation of the statements which he might summarize in a general report? There should be funds: can they not be found?

I present these ideas, not as developed plans, but as indicating the type of activities which our Council should undertake in this formative period of engineering registration. Our present activities fall far short of realizing our purposes and our obligations.

I repeat a sentence from my statement of “Purposes of the National Council and Means of Attaining Them”; “But to do these things in the large way which their importance demands calls for greater serious concern of our local Boards and by engineers at large and for extended facilities in funds and in staff.”

### **What Is Our Goal?**

The foregoing concerns the individual engineer who is “to practice professional engineering”. Just what does that include? Just what, for instance, does the sweeping definition in the Model Law actually mean? Does it virtually include all engineering—even the “design” of “machines” (such as automobiles and electric motors, machine tools and radio sets) “wherein the public welfare . . . or property is concerned”? Are manufacturers to be restricted in their choice of experts to those approved by State Boards? Where does our Model Law actually draw the line? And how widespread are the lines drawn by different States?

The Modified Model Law proposed by the Electrical Engineers would lessen the activities which the accepted Model Law is presumed to cover; it would make the sole object of legal registration the protection of the public interest

(with intent to prevent establishing a basis for building up an organized profession).

Here is a challenging opportunity to clarify present conditions by stating just what is now actually included in our various state laws and in their interpretation.

Also, we may do well to consider what should be included in the ideal registration area in the interest of the public and of the profession; that would set a goal for revised laws and practices. This is a problem for our best engineering statesmanship.

### Significance of Our Conventions

In our last Proceedings the really vital topics—examinations, experience and the young engineer—cover only a third of the pages, mainly discussion. The rest concerns operating facilities, data and statistics—important but secondary. There is a seriousness about it all; every paragraph of the 180 pages seems to add its bit.

But the value of the Convention lies not merely in the printed record; there is an intangible stimulus when minds work freely together. Sometimes the awakened idea and the impromptu thought have a virility lacked by paragraphs scented by midnight oil.

We come together as sovereign boards of sovereign states to find a common way to a progressive goal. By-laws and rules and reports are only a means. It is the actuating spirit that really counts. It is the sense of comradeship and confidence and common interest in our challenging problem which is the fine fruit of our coming together. It is akin to that intangible spirit which is the essence of true profession.

To our past four conventions over a hundred men have come, some once, some every time. All but four states (of small registration) have been represented. Last year 29% were from Boards not four years old, gladly mingling with the "Grandfathers".

The validity of registration is attested by the caliber of the men who come and keep coming. Together they form a sort of composite ideal typifying our new and vital movement. It is our individual privilege to sense that ideal and to make our contribution to it.

Thus it is the Record we make and the Spirit we create which make our Conventions a paramount factor in engineering progress.

## ROSTER OF REGISTERED PROFESSIONAL ENGINEERS

AUTHORIZED BY CHAPTER 189, PUBLIC LAWS OF 1935, STATE OF MAINE, TO PRACTICE IN THE STATE. THIS ROSTER IS REVISED TO FEBRUARY 1, 1940, AS PROVIDED FOR IN SECTION 11 OF THE ACT

This roster includes the names of all professional engineers in Maine whose certificates have been renewed on or before February 1, 1940. There is also here printed a list of professional engineers whose certificates have expired for non-payment of renewal fees together with the year of expiration. Only four registrants whose certificates were in force during 1939 failed to renew for the year 1940.

The registered engineers whose certificates have been renewed for the current fiscal year have been provided with a 1940 pocket registration card. Reinstatement, or registration since this publication, may be affected in accordance with the act and such reinstatement or registration will be evidenced by such pocket registration card or can be verified by information furnished from the office of the Secretary.

If your name or title does not appear as you wish, please advise the Secretary immediately. It is mutually advantageous that he be notified of any change in position or address of the registrants.

The Board wishes to extend a cordial invitation to members of the engineering profession to call at the office of the Secretary or write direct to the Chairman, supplying any information which may affect the operation of the law or its administration. Section 23 of the Act deals with violations and penalties and specifies the duties of the elected officers of the law in prosecuting persons violating the same. The Board invites the cooperation of the engineers in supplying information relative to violations.

Section 16 of the Act deals with expirations and renewals and specifies the penalties for delay in renewing registration. Registrants who wish to renew registration for the year will avoid the penalties by doing so promptly. The Board appreciates the very fine cooperation which has been shown by registrants in renewing their certificates in accordance with the provisions of the law.

NOTE: The Maine act is of the so-called broad classification type. The registrants under the act are not restricted to any particular branch of engineering. All registrants are obliged to qualify under one or more of the designated branches of the profession. Many of the registrants have qualified under several different branches of the profession. In this roster, no registrant is listed under more than two branches of the profession.

## MAINE REGISTRATION

Aeronautical	(AER)	Electrical	(ELE)	Mechanical	(MEC)
Sanitary	(SAN)	Chemical	(CHE)	Heat & Vent.	(H&V)
Metallurgical	(MET)	Structural	(STR)	Civil	(CIV)
Industrial	(IND)	Mining	(MIN)		

Name	Class.	Address	Serial No.
Adams, Andrew	Civ.	Box 35, Mechanic Falls, Maine.	439
Adams, Archie	Mec.	Eastern Manuf. Co., South Brewer, Maine.	277
Ahara, Edward Victor	Ele.&H&V	Oxford Paper Co., Rumford, Maine.	394
Albrecht, George F.	Met.	7 Beach Street, Saco, Maine.	454
Aldrich, Elverson L.	Mec.	Eastern Manuf. Co., Lincoln, Maine.	310
Allen, Charles S.	Civ.	State Highway Dept., Augusta, Maine.	367
Allen, William G.	Mec.	The Portland Company, Portland, Maine.	215
Anthony, Sidney S.	Civ.	Augusta Water District, Augusta, Maine.	122
Armstrong, George S.	Ind.	52 Wall Street, New York.	541
Atwood, Paul E.	Civ.	Prentiss & Carlisle Inc., Bangor, Maine.	19
Axtell, E. W.	Civ.	State Highway Dept., Augusta, Maine.	124
Ayer, John	Civ.	11 Beacon Street, Boston, Mass.	193
Baker, Frank Edgar	Mec.	Bangor & Aroostook R. R., Oakfield, Maine.	305
Barbour, Robert H.	Str.	Megquier & Jones Co., Portland, Maine.	430
Barclay, Peter A.	Ele.	C. C. P. & L. Company, Portland, Maine.	91
Barron, Chandler H.	Civ.	U. S. Engineers, Lewiston, Maine.	489
Barron, George H	Civ.	95 College St., Lewiston, Maine.	74

Name	Class.	Address	Serial No.
Barrows, Lucius D.	Civ.	State Highway Dept., Augusta, Maine.	1
Bartlett, Dana T.	Civ.	65 Lincoln Street, Augusta, Maine.	139
Bartlett, Earl L.	Civ.	8-14th St., Bangor, Maine.	142
Bates, Niran C. Jr.	Civ.	State Highway Dept., Augusta, Maine.	126
Beal, Lester I.	H&V	Miller & Beal Inc., Portland, Maine.	274
Beale, Harry O.	Civ.	State Highway Dept., North Anson, Maine.	457
Bean, Paul L.	Civ.	Union Water Power Co., Lewiston, Maine.	3
Bean, Paul Webster	Civ.	Union Water Power Co., Lewiston, Maine.	520
Beckman, George W.	Civ. Str.	State Highway Commission, Augusta, Maine.	517
Bendtsen, Frederick A.	Civ.	Union Water Power Co., Lewiston, Maine.	491
Bennett, Earl F.	Civ.	4 Middle Street, Orono, Maine.	490
Bennett, Raymond F.	Civ.	Bennett Cont. Corp., Portland, Maine.	227
Bickford, Harold D.	Mec.	Lombard Traction Eng. Co., Waterville, Maine.	167
Billings, W. C.	Civ. Ele.	904 North George St., Rome, N. Y.	566
Birkenwald, Edward	Civ.	16 North Chestnut St., Augusta, Maine.	170
Bishop, Arthur D.	Civ.	State Highway Dept., Augusta, Maine.	478
Blackwell, Everett E.	Civ. Str.	State Highway Dept., Augusta, Maine.	257
Blake, Wallace	Civ.	State Highway Commission, Augusta, Maine.	502

## MAINE REGISTRATION

Name	Class.	Address	Serial No.
Blake, William N.	Civ.	2528-10th St., Columbus, Ga.	81
Bliss, Warren H.	Ele.	University of Maine, Orono, Maine.	457
Bockus, Clayton T.	Che.	Eastern Corporation, Bangor, Maine.	279
Bowdoin, Stuart H.	Civ.	John H. Simonds Co., Portland, Maine.	177
Bowler, Frank C.	Civ. Mec.	Great Northern Paper Co., Millinocket, Maine.	49
Boyd, Burleigh	Civ.	State Highway Commission, Augusta, Maine.	558
Boyd, James C.	Civ. Ele.	176 Middle Street, Portland, Maine.	14
Brackett, Woodbury E.	Civ.	Town Manager, Houlton, Maine.	16
Bradford, William H.	Civ.	State Highway Dept., Augusta, Maine.	24
Bragdon, George F. H.	Civ.	State Highway Dept., Augusta, Maine.	148
Bragdon, Leonard J.	Civ.	Stroudwater, Maine,	440
Brautlecht, Charles A.	Che.	University of Maine, Orono, Maine.	230
Bray, Paul DeCosta	Che.	University of Maine, Orono, Maine.	130
Bridgham, Elton H.	H&V	C. J. Merrill Co., Inc., Portland, Maine.	451
Briggs, Harry Beck, Jr.	Ele.	Bath Iron Works, Bath, Maine.	154
Brooks, Carl A.	Civ.	State Highway Commission, Augusta, Maine.	522
Brown, Edward C.	Ele.	77 Summer Street, Boston, Mass.	107
Brown, Robert F.	Ele.	N. E. Tel. & Tel. Co., Bangor, Maine.	487
Bryant, Harlan M.	Civ.	Main Street, Milton, N. H.	402



Name	Class.	Address	Serial No.
<b>Buck, Robert E.</b>	Mec.	Oxford Paper Co., Rumford, Maine.	516
<b>Buncke, Harry J.</b>	Civ. Ind.	Oxford Paper Co., Rumford, Maine.	377
<b>Burgess, Howard O.</b>	Civ. Ele.	Central Maine Power Co., Augusta, Maine.	10
<b>Burgi, Herman Jr.</b>	Ind. Ele.	George F. West & Son, Portland, Maine.	31
<b>Burke, James B</b>	Civ.	9 Andrew Street, Springfield, Mass.	534
<b>Burleigh, Preston N.</b>	Civ.	9 Burleigh Street, Houlton, Maine.	121
<b>Burnham, Frank W.</b>	Civ.	City Hall, Portland, Maine.	209
<b>Burnham, Philip M.</b>	Civ.	F. W. Cunningham & Son, Portland, Maine.	271
<b>Burr, Maurice H.</b>	Civ.	P. O. Box 304, Northeast Harbor, Maine.	50
<b>Burr, Wilfred C.</b>	Civ.	Mattawamkeag, Maine,	52
<b>Butterfield, Andrew M.</b>	Mec.	Hyde Windlass Co., Bath, Maine.	418
<b>Campbell, Elmer W.</b>	Che. San.	State Bureau of Health, Augusta, Maine.	45
<b>Carl, Maurice R.</b>	Mec.	Berst-Forster Dixfield Co., Waterville, Maine.	493
<b>Carr, Everett H.</b>	Civ.	C. C. P. & L. Company, Portland, Maine.	70
<b>Carthcart, William T.</b>	Civ.	Box 114, Woodland, Maine.	379
<b>Center, C. Eugene</b>	Ele.	142 High Street, Portland, Maine.	561
<b>Chaplin, Merle P.</b>	Mec.	Chaplin Corporation, Portland, Maine.	39
<b>Chapman, George H.</b>	Mec.	Chapman Ele. Neutralizer Co., Portland, Maine.	333

Name	Class.	Address	Serial No.
Charnock, Percy C.	Ind.	40 Broad Street, Boston, Mass.	537
Church, John B.	Civ.	State Highway Dept., Augusta, Maine.	368
Clark, Cecil F.	Ele.	C. C. P. & L. Company, Saco, Maine.	53
Clark, Frank W.	Civ. Mec.	Sanford Mills, Sanford, Maine.	268
Clark, Fred Bernard	Civ.	C. C. P. & L. Company, Portland, Maine.	162
Clark, Horace L.	Civ.	Sanford Water District, Sanford, Maine.	147
Clement, Philip P.	Civ.	Prentiss & Carlisle Co., Bangor, Maine.	347
Cloke, Paul	Ele. Mec.	University of Maine, Orono, Maine.	2
Coleman, John B.	Mec.	Saco-Lowell Shops, Biddeford, Maine.	255
Collings, Donald W.	Civ.	City Hall, Lewiston, Maine.	325
Collins, John L.	Ele.	Central Maine Power Co., Augusta, Maine.	57
Comee, Edgar Randolph	Civ.	Pejepscot Paper Co., Brunswick, Maine.	296
Congdon, William E.	Ele.	C. C. P. & L. Co., Portland, Maine.	66
Connard, George Baer	Str.	Bath Iron Works, Bath, Maine.	157
Connolly, R. C.	Ele.	N. E. Tel. & Tel. Co., Portland, Maine.	538
Cook, Horace J.	Civ. San.	Auburn Water District, Auburn, Maine.	73
Coombs, Edward V.	Mec.	Hyde Windlass Co., Bath, Maine.	553
Copeland, Stuart B.	Mec.	Northwest Paper Co., Cloquet, Minnesota.	276

Name	Class.	Address	Serial No.
Corcoran, James J.	Civ.	Maine Central Railroad, Portland, Maine.	98
Corcoran, Martin W. Jr.	Civ.	61 Columbia Road, Portland, Maine.	48
Corson, Merton C.	Mec.	Maine Steel Inc., So. Portland, Maine.	290
Cotton, Linwood S.	Civ.	71 Seavey Street, Cumberland Mills, Maine.	51
Cousins, Howard E.	Ind. Str.	Lockwood-Greene Engrs., Boston, Mass.	375
Covell, Arthur E.	Mec.	Hollingsworth & Whitney, Waterville, Maine.	366
Craig, Charles H.	Mec.	458 Bridge Street, Springfield, Mass.	526
Cram, E. V.	Civ.	Great Northern Paper Co., Millinocket, Maine.	316
Crane, Carl H.	Civ.	State House, Augusta, Maine.	203
Cullinan, Arthur J.	Civ.	F. W. Cunningham & Sons, Portland, Maine.	382
Cullinan, William E. Jr.	Civ.	Works Progress Adm., Portland, Maine.	259
Cummings, Elmer W.	Civ.	Paris, Maine,	358
Cummings, Ralph P.	Civ.	28 Grand Street, So. Portland, Maine.	105
Cushing, Raymond G.	Ele.	C. C. P. & L. Co., Portland, Maine.	58
Cushman, Parker G.	Civ.	State Highway Dept., Augusta, Maine.	429
Daggett, Sumner T.	Civ.	State Highway Dept., Augusta, Maine.	323
Daggett, Vaughan M.	Civ.	State Highway Dept., Augusta, Maine.	361
Daigle, Alphe H.	Civ.	State Highway Dept., Augusta, Maine.	213
Davis, Alexander P.	Mec.	Me. Seaboard Paper Co., Bucksport, Maine.	219

## MAINE REGISTRATION

Name	Class.	Address	Serial No.
Dingwall, M. S. W.	Civ.	52 Academy Street, Presque Isle, Maine.	417
Dirsa, Mitchell Paul	Str.	The Hussey Manuf. Co., North Berwick, Maine.	508
Dixon, Leon Snell	Civ.	East Hampden, Bangor, Maine.	476
Doten, Henry L.	Civ. Str.	University of Maine, Orono, Maine.	21
Dow, Fred T.	Civ.	251 Union Street, Bangor, Maine.	467
Dow, Leroy E.	Civ.	U. S. Engineer's Office, Portland, Maine.	342
Dow, Neil M.	Civ.	Libby & Dow, Engineers, Saco, Maine.	61
Downey, John B.	Civ.	N. E. P. S. Co., Augusta, Maine.	550
Downing, Kenneth W.	H&V	C. H. Babb Co., Bangor, Maine.	87
Drobile, Albert W.	Mec.	1101 Stephen Girard Bldg., Philadelphia, Pa.	533
Drottar, Stephen H.	Civ.	J. A. Greenleaf & Sons Co., Auburn, Maine.	128
Duggan, Howard W.	Str.	Stebbins Eng. & Mfg. Co., Watertown, New York.	446
Duncan, James H.	Civ.	Atlantic Highway, Searsport, Maine.	29
Dunton, James W.	Civ.	49 Lincoln Avenue, Gardiner, Maine.	362
Dyer, George H.	Mec.	Oxford Paper Company, Rumford, Maine.	415
Dyer, Simeon D.	Ele.	39 Central Street, Wellesley, Mass.	459
Eaton, F. W.	Ele. Mec.	Central Maine Power Co., Augusta, Maine.	249
Edwards, Llewellyn N.	Civ. Str.	U. S. Public Works Adm., Washington, D. C.	184

Name	Class.	Address	Serial No.
Ell, Carl Stephens	Civ.	Northeastern University, Boston, Mass.	432
Elliott, Hallet C.	Str.	46 Columbia Road, Portland, Maine.	295
Elliott, Newton R.	Str. Mec.	Dept. of Public Works, So. Portland, Maine.	68
Emery, Carl E.	Civ.	Dept. of Public Works, Portland, Maine.	349
English, Clifford L.	Civ.	State Engineer, Augusta, Maine.	218
Emmons, Louis J.	Ind.	U. S. Navy Yard, Kittery, Maine.	448
Ericson, Frederic O.	Mec.	C. C. P. & L. Co., Portland, Maine.	427
Evans, Weston S.	Civ.	University of Maine, Orono, Maine.	137
Everett, Archie V.	Civ.	Box 446, Presque Isle, Maine.	198
Everett, Vaughn B.	Civ. Str.	State Highway Dept., Augusta, Maine.	146
Fallona, Thomas P.	Civ.	F. W. Cunningham & Sons, Portland, Maine.	413
Fallows, Ernest	Civ. Ind.	9 Dana Street, Cambridge, Mass.	186
Farnsworth, Fred D.	Civ.	City Manager, Brewer, Maine.	452
Feer, H. A.	Civ.	Great Northern Paper Co., Millinocket, Maine.	422
Felker, Everett J.	Civ.	Brooks, Maine,	344
Fels, Arthur B.	H&V	The Fels Company, Portland, Maine.	179
Ferguson, Hardy S.	Civ. Ind.	200 Fifth Avenue, New York.	407
Ferguson, James L.	Civ.	State Highway Dept., Augusta, Maine.	321
Fick, Oscar A.	Ele.	S. D. Warren Co., Cumberland Mills, Maine.	433

Name	Class.	Address	Serial No.
Fitch, LeRoy A.	Civ.	Hollingsworth & Whitney Co., Waterville, Maine.	339
Flint, Donald T.	Civ.	State Highway Dept., Augusta, Maine.	191
Fogg, Dana P. Jr.	Civ.	79 Grove Street, Bangor, Maine.	385
Foley, Glenroy B.	Mec.	Oxford Paper Co., Rumford, Maine.	424
Foley, J. Henry	Civ.	State Highway Dept., Augusta, Maine.	166
Folsom, Charles H.	Civ.	46 Pearl Street, Augusta, Maine.	36
Freeman, George L.	Civ.	420 Lexington Ave., New York, N. Y.	514
French, Bernard W.	Civ.	Central Maine Power Co., Augusta, Maine.	256
Friend, Philip S.	Civ.	136 Grant Ave., Jersey City, N. J.	109
Frost, Alfred C.	Mec.	The Portland Company, Portland, Maine.	324
Fuller, Harry U.	Civ. San.	Portland Water District, Portland, Maine.	158
Fundin, H. O.	Mec.	353 Cumberland Ave., Portland, Maine.	554
Gallant, Ernest E.	Civ.	Town Engineer, Sanford, Maine.	164
Ganteaume, Henry D. A.	Str.	99 Chauncey St., Boston, Mass.	543
Gerrish, Harold L.	Ele.	Public Utilities Comm., Augusta, Maine.	442
Garnsey, Fred A.	Civ.	Sanford Mills, Sanford, Maine.	555
Getchell, Max D.	Ind.	Eastern Manuf. Co., Bangor, Maine.	307
Getchell, W. B. Jr.	Civ.	State Highway Dept., Augusta, Maine.	185

Name	Class.	Address	Serial No.
Gibbs, Fred S.	Civ.	350 Newbury St., Boston, Mass.	532
Glover, Philip H.	Civ.	City Engineer, Bangor, Maine.	43
Goodwin, Frank R.	Ele.	Kezar Falls Power Co., Kezar Falls, Maine.	443
Goodwin, John E.	Che.	3 Brooklawn Ave., Augusta, Maine.	116
Grant, Harry W.	Civ.	S. D. Warren Co., Cumberland Mills, Maine.	434
Greenleaf, Fred B.	Civ.	Highway Planning Survey, Augusta, Maine.	140
Greenleaf, Harry L.	Mec.	52 Richardson St., Portland, Maine.	509
Griffin, Francis A.	Civ.	Nisbet & Griffin, Portland, Maine.	136
Guild, Earl S.	Ele. Mec.	38 Highland Street, Portland, Maine.	506
Haggas, George E.	Civ. Ele.	C. C. P. & L. Co., Portland, Maine.	27
Haggett, Harold D.	Civ.	No. Edgecomb, Maine,	143
Hall, Alfred E. B.	Mec.	Saco-Lowell Shops, Biddeford, Maine.	539
Hall, Alfred M.	Ele.	9 Washington Ave., Portland, Maine.	326
Hall, Guy H.	Civ.	State Highway Dept., Augusta, Maine.	196
Hamilton, Walter B.	Civ.	State Highway Dept., Augusta, Maine.	151
Handy, Howard E.	Met.	Saco-Lowell Shops, Biddeford, Maine.	260
Hannemann, Paul E.	Mec.	Hartford St. Boiler Ins. Co., Boston, Mass.	254
Hanson, Rufus P.	Ele.	Goodall Worsted Co., Sanford, Maine.	331
Hardison, Clayton H.	Civ.	46 South Main St., Caribou, Maine.	314

Name	Class.	Address	Serial No.
Hardison, Grover M.	Civ.	South Main St., Caribou, Maine.	266
Harper, Fred C.	Mec.	Keyes Fibre Co., Waterville, Maine.	172
Harriman, Alonzo J.	Mec.	Coombs & Harriman Arch., Lewiston, Maine.	114
Harrington, Carlin F.	H&V	U. S. Radiator Corp., Portland, Maine.	461
Harrington, John Lyle	Civ. Mec.	1004 Baltimore Ave., Kansas City, Missouri.	530
Harris, Ford W.	Civ.	200 Davis Ave., Auburn, Maine.	15
Harris, Oren L.	Ele.	Enosburg Falls, Vermont.	428
Hart, Clarence E.	Civ.	17 Pike St., Augusta, Maine.	477
Haskell, Robert N.	Ele.	Bangor Hydro-Electric Co., Bangor, Maine.	182
Haynes, Erle S.	Ele.	2930 Magnolia Ave., Knoxville, Tenn.	378
Heald, Matthew L.	Ind. Mec.	American Can Company, Portland, Maine.	226
Hendel, Geerd N.	Mec.	Box 363, Boothbay Harbor, Maine.	447
Henry, Carle D.	Str.	Maine Steel Inc., Portland, Maine.	132
Hersum, Harold D.	Civ. Str.	State Highway Commission, Augusta, Maine.	505
Higgins, Thomas C.	Civ.	15 Deer Isle Ave., Bar Harbor, Maine.	83
Hikel, Philip	Ele.	Bucksport, Maine.	513
Hill, Arthur St. John	Ele.	University of Maine, Orono, Maine.	484
Hill, Henry F.	Civ.	101 Western Ave., Augusta, Maine.	35



Name	Class.	Address	Serial No.
Hill, Waldo W.	Civ.	City Engineer, Augusta, Maine.	269
Holmes, Jacob S.	Civ.	39 Water Street, Belfast, Maine.	252
Hopkins, Adin L.	Civ.	99 Bay View Street, Camden, Maine.	397
Hopkins, Bryant L.	Civ.	Kennebec Water Power Co., Waterville, Maine.	6
Horne, Cecil W.	Civ.	Berwick, Maine.	354
Horsman, W. B.	Civ.	State Highway Commission, Augusta, Maine.	540
Howard, Paul F.	Civ. San.	Whitman & Howard, Boston, Mass.	391
Howe, Malcolm S.	Mec.	Me. Seaboard Paper Co., Bucksport, Maine.	556
Hoyt, Henry P.	Civ.	Fort Fairfield, Maine,	319
Hudson, Floyd E.	Ele.	Bangor Hydro-Electric Co., Bangor, Maine.	412
Humphreys, Clifton S.	Civ.	160 Main Street, Madison, Maine.	389
Humphreys, Philip C.	Civ. Mec.	160 Main Street, Madison, Maine.	46
Hunt, Edward M.	Civ. San.	Dept. of Public Works, Portland, Maine.	99
Hurley, John J.	Civ.	C. C. P. & L. Co, Portland, Maine.	414
Hussey, Hathorne H.	Ele.	Rockland Rockport Lime Co., Rockland, Maine.	343
Hussey, Philip W.	Str.	Hussey Manuf. Co., North Berwick, Maine.	38
Hutchins, Edward	Civ.	Box 298, Palmer, N. Y.	400
Illingworth, George	Mec.	Hill Manuf. Co., Box 588, Lewiston, Maine.	183
Ingalls, Harold E.	Civ.	Box 441, Spring Grove, Florida.	108

## MAINE REGISTRATION

Name	Class.	Address	Serial No.
Jasper, Rufus G.	Civ.	20 N. Wacker Drive, Chicago, Ill.	206
Jennison, Elwood W.	Mec.	Bangor Hydro-Electric Co., Bangor, Maine.	180
Jepson, Clarence M.	Ele.	N. E. Tel. & Tel. Co., Portland, Maine.	465
Johnson, Arries L.	Mec.	International Paper Co., Chisholm, Maine.	189
Johnson, Elbridge A.	Civ.	Maine Central Railroad, Portland, Maine.	270
Johnson, George L.	Civ.	21 Weston Street, Augusta, Maine.	363
Johnson, Page	Civ.	State Highway Dept., Augusta, Maine.	479
Johnson, Reginald F.	Civ.	State Highway Dept., Augusta, Maine.	192
Jones, Frederick S.	Ele.	Socony-Vacuum Oil Co., Inc., Boston, Mass.	529
Jones, Harry I.	Civ.	State Highway Dept., Augusta, Maine.	265
Jones, Robert M.	Mec.	Saco-Lowell Shops, Biddeford, Maine.	486
Jordon, Henry I.	Civ.	31 ½ Exchange Street, Portland, Maine.	82
Jose, Bion Fremont	Civ.	Town Manager, Rumford, Maine.	488
Kelsey, Warren G.	Civ.	1289 Walnut Street, Newton Highlands, Mass.	357
Kendall, Herman C.	Civ.	So. Portland Sewerage Dist., So. Portland, Maine.	129
Kent, Benjamin C.	Mec. H&V	University of Maine, Orono, Maine.	106
Kezar, Abner A.	H&V	497 Fore Street, Portland, Maine.	152
Kimball, Samuel F.	Mec.	The Portland Company, Portland, Maine.	241

Name	Class.	Address	Serial No.
King, Oral G.	Civ.	14 Barrows Street, South Paris, Maine.	369
Kittredge, Albert F.	Mec.	Bangor & Aroostook R. R., Derby, Maine.	286
Knight, William G.	Mec.	Bangor & Aroostook R. R., Derby, Maine.	135
Knowlton, Ralph W.	Mec.	Knowlton Machine Co., Westbrook, Maine.	76
Kruse, Paul F.	Civ.	Bangor Hydro-Electric Co., Bangor, Maine.	458
LaBree, Frank Harold	Ele.	Androscoggin Mills, Lewiston, Maine.	419
Lampinen, Wilho A.	Ele.	C. C. P. & L. Co., Portland, Maine.	496
Landers, Frank M.	Civ.	State Highway Dept., Augusta, Maine.	237
Larsson, John S.	Str.	Crowell & Lancaster, Arch., Bangor, Maine.	396
Laskey, Edward Mulgrave	Str.	53 Lincoln Street, Melrose, Mass.	503
Laughlin, Robert W.	Mec.	Liberty Mutual Ins. Co., Portland, Maine.	86
Leathers, Lester P.	Mec.	50 Lloyd Street, Winchester, Mass.	527
Leavitt, H. Walter	Civ.	University of Maine, Orono, Maine.	320
Leavitt, Joseph W.	Civ. Str.	State Highway Dept., Augusta, Maine.	25
Leighton, Bradford E.	Civ.	89 Highland Ave., Gardiner, Maine.	500
LeVasseur, John C.	Str.	National Bank Building, Presque Isle, Maine.	416
Libby, Arthur C.	Civ.	State Highway Commission, Augusta, Maine.	542
Libby, Donald M.	Ele.	443 Congress Street, Portland, Maine.	519

Name	Class.	Address	Serial No.
Libby, Herman B.	Civ.	Webster & Libby, Portland, Maine.	328
Libby, Leslie A.	Civ.	Works Progress Adm., Portland, Maine.	399
Libby, Merle H.	Str. Mec.	S. D. Warren Co., Cumberland Mills, Maine.	449
Lindsay, Fred H.	Mec.	Eastern Manuf. Co., Brewer, Maine.	250
Linscott, Mellen C.	Civ.	State Highway Dept., Augusta, Maine.	380
Litchfield, Louis B.	Civ.	10 Pleasant Street, Ellsworth, Maine.	175
Little, Leslie E.	Civ.	Public Utilities Comm., Augusta, Maine.	100
Littlefield, Philip H.	Mec.	43 Spruce Street, Portland, Maine.	244
Lord, Harry C.	Ind. Mec.	John A. Stevens, Inc., Lowell, Mass.	201
Lord, Raymond Y.	Mec.	Goodall Worsted Co., Sanford, Maine.	246
Lord, William M. B.	Civ. Ele.	York Utilities Co., Sanford, Maine.	42
Loud, Warren C.	Civ.	Resettlement Adm., Hampden, Maine.	373
Lucas, James H.	Civ.	York Water District, York, Maine.	178
Lynch, Edwin L.	Civ.	Dept. of Public Works, Portland, Maine.	84
Lyon, Alpheus C.	Civ.	University of Maine, Orono, Maine.	195
McAlary, Allan F.	Civ.	Camden & Rockland Water Co., Rockland, Maine.	284
MacDonnell, Angus D.	Civ.	State Highway Dept., Augusta, Maine.	234
McDowell, Edwin T.	Civ.	Biddeford & Saco Water Co., Biddeford, Maine.	492

Name	Class.	Address	Serial No.
McFarland, Dana F.	Ele.	Nepsco Services, Inc., Augusta, Maine.	563
McGibbon, Arthur H.	Civ.	11 Lisbon Street, Lewiston, Maine.	171
McIntyre, Birdsill B.	San. Ele.	65 Court Street, Houlton, Maine.	262
MacLean, Edward A.	Civ.	Rose Polytechnic Institute, Terre Haute, Indiana.	119
MacLeod, James L.	Civ.	Asst. City Engineer, Bangor, Maine.	356
McNally, Cecil H.	Civ.	Federal Works Agency, Ellsworth, Maine.	275
Main, Archibald M.	Mec.	Bath Iron Works, Bath, Maine.	113
Maloney, Charles W.	Ele.	195 Sandwich Street, Plymouth, Mass.	471
Mancib, Alvin S.	Ele.	126 Newbury Street, Boston, Mass.	480
Mank, Nelson F.	Mec.	Central Maine Power Co., Augusta, Maine.	93
Mann, Robinson	Civ.	Bangor & Aroostook R. R., Houlton, Maine.	304
Mansfield, Paul B.	Civ.	R. F. D. 3, Gardiner, Maine.	300
Marble, Gerald C.	Mec.	Elliott & Marole, Skowhegan, Maine.	33
Marks, John H.	Civ.	Maine Central Railroad, Portland, Maine.	384
Marr, Stanley F.	Civ. Mec.	98 Silver Street, Waterville, Maine.	22
Marsh, George R.	H&V	C. J. Merrill Inc., Portland, Maine.	395
Marston, Frank A.	Civ. San.	Metcalf & Eddy, Boston, Mass.	149
Martin, Frederic T.	Che.	University of Maine, Orono, Maine.	247

## MAINE REGISTRATION

Name	Class.	Address	Serial No.
Mason, Frank H.	Civ. Ele.	Central Maine Power Co., Augusta, Maine.	4
Maurette, R. G.	Ele.	133 Brooks Street, West Medford, Mass.	335
Maxfield, H. Norton Jr.	Civ.	Dept. of Public Works, Portland, Maine.	353
May, George H.	Civ. San.	Dept. of Public Works, Portland, Maine.	75
Maynard, Cloyd T.	Ele.	Rumford Falls Power Co., Rumford, Maine.	85
Mayo, Raymond	H&V	502 Fidelity Building, Portland, Maine.	125
Merrill, Carle J.	H&V	C. J. Merrill, Inc., Portland, Maine.	393
Merrill, Ernest L.	Civ.	State Highway Dept., Augusta, Maine.	111
Mertens, Henry W.	Ele.	Central Maine Power Co., Augusta, Maine.	507
Metcalf, Edwin S.	Civ.	State Highway Dept., Augusta, Maine.	204
Millett, F. Everett	Mec.	Eastern Manuf. Co., So. Brewer, Maine.	309
Mitchell, Burton F.	Ind. Str.	9 Mechanic Street, Foxboro, Maine.	510
Mitchell, Charles H.	H&V	The Fels Company, Portland, Maine.	332
Mitchell Earle L.	Civ.	C. C. P. & L. Co., Portland, Maine.	161
Mitchell, Howard F.	Civ.	Dept. of Public Works, Portland, Maine.	350
Monty, Leo J.	Mec.	Sanford Mills, Reading, Mass.	299
Moore, Charles R.	Civ.	Portland Water District, Portland, Maine.	160
Moore, J. Philip	Ele.	75 Capisic Street, Portland, Maine.	355

Name	Class.	Address	Serial No.
<b>Mulcare, Thomas</b>	Civ.	66 Western Ave., Boston, Mass.	567
<b>Mullaney, Roderick E.</b>	Civ.	72 Garland Street, Bangor, Maine.	374
<b>Mullen, Joseph N.</b>	Ele.	Houlton Water Co., Houlton, Maine.	359
<b>Mullikin, Alfred</b>	Civ.	Army & Navy Club, Washington, D. C.	34
<b>Munroe, James Edward</b>	Civ.	159 North Washington St., North Attleboro, Mass.	523
<b>Nason, Fred Warner</b>	Che.	Hollingsworth & Whitney Co., Waterville, Maine.	525
<b>Newell, William S.</b>	Str. Mec.	Bath Iron Works, Bath, Maine.	89
<b>Nickerson, Oscar M.</b>	Ele.	Great Northern Paper Co., Millinocket, Maine.	345
<b>Nisbet, Lewis D.</b>	Civ. San.	Nisbet & Griffin, Portland, Maine.	5
<b>Noddin, Harold E.</b>	Mec.	N. E. Tel. & Tel. Co., Presque Isle, Maine.	495
<b>Norcross, Archie G.</b>	Civ.	State Highway Dept., Augusta, Maine.	352
<b>Norris, Edward J.</b>	Civ.	Army Engineers Office, Portland, Maine.	228
<b>Norris, Walter H.</b>	Civ. Str.	Maine Central Railroad, Portland, Maine.	233
<b>Northway, Ralph E.</b>	Met.	195 Beach St., Saco, Maine.	388
<b>Nourse, Chester L.</b>	Ele.	500 Rutherford Avenue, Boston, Mass.	518
<b>Noyes, Charles F.</b>	Civ.	Bangor & Aroostook R. R., Houlton, Maine.	65
<b>Noyes, Garth A.</b>	Ele. Civ.	Bangor & Aroostook R. R., Houlton, Maine.	141
<b>Noyes, Herbert E.</b>	Ele.	C. C. P. & L. Cmpny, Portland, Maine.	410

Name	Class.	Address	Serial No.
Nugent, Albert E.	Str.	69 Glenwood Avenue, Portland, Maine.	348
Nutting, Gerry B.	Mec.	Saco-Lowell Shops, Biddeford, Maine.	297
Osgood, Harold R.	H&V	Cumberland Center, Maine.	315
Overlock, Fred V.	Civ.	City Hall, Augusta, Maine.	545
Owen, W. H.	San.	Castine Street, Castine, Maine.	94
Oxnard, Horace W.	Civ.	55 Court Street, Houlton, Maine.	176
Packard, Emerson H.	Che.	Koppers Co., Tar & Chem. Div., Portland, Maine.	403
Packard, Vernon L.	Civ.	District Sanitary Eng., Cape Elizabeth, Maine.	551
Page, R. Morrell	Civ.	State Highway Dept., Augusta, Maine.	44
Paine, Cecil E.	Mec.	Hyde Windlass Co., Bath, Maine.	188
Paine, Charles G.	Mec. Ind.	Eastern Manuf. Co., Bangor, Maine.	283
Palmer, Carl F.	Ele.	95 Bridge Street, Lowell, Mass.	546
Parker, Charles F. Jr.	Civ.	North Windham, Maine,	54
Parker, Lyndall K.	Civ.	Auburn Water District, Auburn, Maine.	95
Partridge, Clarence L.	Civ. Str.	State Highway Dept., Augusta, Maine.	88
Patch, Clifford	Che.	Eastern Corporation, Bangor, Maine.	282
Payne, Basil T.	Ele.	Nepsco Services, Inc., Augusta, Maine.	564
Perkins, Earl H.	Civ.	Stewart & Williams, Inc., Augusta, Maine.	317
Phinney, Alverdo L.	Civ.	1748 Broadway, So. Portland, Maine.	78



<b>Name</b>	<b>Class.</b>	<b>Address</b>	<b>Serial No.</b>
<b>Pierce, Edward E.</b>	Str.	Bath Iron Works, Bath, Maine.	153
<b>Pillsbury, Arthur M.</b>	Civ.	West Scarboro, Maine.	329
<b>Plumly, Clinton A.</b>	Civ.	Maine Central Railroad, Portland, Maine.	235
<b>Pooler, Edward F.</b>	Civ.	Riverside Drive, Augusta, Maine.	462
<b>Poor, Sylvester L.</b>	Civ.	State Highway Dept., Augusta, Maine.	187
<b>Porter, Arnold B.</b>	Civ.	Masardis, Maine,	468
<b>Porter, C. Omer</b>	Civ.	S. D. Warren Co., Cumberland Mills, Maine.	435
<b>Potter, Frederick E.</b>	Civ.	Public Works Dept., Portland, Maine.	351
<b>Potter, Howard H.</b>	Civ.	Public Utilities Comm., Augusta, Maine.	101
<b>Powers, William F.</b>	Ele.	Consolidated Edison Co. of N. Y., New York.	470
<b>Prageman, Irving H.</b>	Mec.	University of Maine, Orono, Maine.	401
<b>Pratt, Horace A.</b>	Civ.	University of Maine, Orono, Maine.	360
<b>Pratt, Willis G.</b>	Civ.	State Highway Commission, Augusta, Maine.	560
<b>Preble, Wesley E.</b>	Civ.	Southern Kraft Corp., New Haven, Pa.	455
<b>Preis, Carl G.</b>	Ind. Mec.	American Can Company, New York.	272
<b>Pressey, Frank E.</b>	Civ.	Penobscot Chemical Fibre Co., Old Town Maine.	112
<b>Prince, Raymond F.</b>	H&V	R. B. Dunning Co., Bangor, Maine.	498
<b>Randall, Walter H.</b>	Mec.	Keyes Fibre Company, Waterville, Maine.	202
<b>Raphael, William</b>	Civ.	Colonial Beacon Oil Co., Boston, Mass.	441

Name	Class.	Address	Serial No.
Redden, Clarence A.	Mec.	Hollingsworth & Whitney Co., Waterville, Maine.	97
Redman, Edward S.	Che.	Eastern Corporation, Bangor, Maine.	280
Reed, Alonzo B.	Mec. Ind.	89 Broad Street, Boston, Mass.	253
Reed, Alvah L.	Civ.	Summit Road, Northeast Harbor, Maine.	200
Reed, Harold Edgar	Ele.	198 Bowdoin St., Springfield, Mass.	464
Reed, Reginald Lee	Civ. San	93 Woodford Street, Portland, Maine.	524
Reilly, Frank W.	Ele.	G. & N. Engineering Co., Boston, Mass.	469
Reutershan, Herbert W.	Civ.	1935 Bellevue Road, Harrisburg, Pa.	515
Rheinlander, A. H.	Civ.	Gatineau Paper Co., Van Buren, Maine.	23
Rhoades, Clifford T.	Civ.	189 State Street, Augusta, Maine.	549
Richards, Earl R.	Civ.	Great Northern Paper Co., Millinocket, Maine.	190
Richter, Carl F.	Ind.	Stebbins Eng. & Manuf. Co., Watertown, New York.	444
Rideout, Lee E.	Civ.	Bangor & Aroostook R. R., Houlton, Maine.	220
Ring, Frank S.	Mec.	Adv. Bag & Paper Co., Howland, Maine.	117
Robbins, Winston C.	Civ.	8 East Main Street, Port Jervis, N. Y.	80
Roberts, Frank W.	Ind.	S. D. Warren Co., Cumberland Mills, Maine.	450
Robie, H. Daniel	Mec.	Evergreen Road, Natick, Mass.	165
Robinson, Chauncey S.	Civ.	Maine Central Railroad, Portland, Maine.	340

Name	Class.	Address	Serial No.
Robinson, Chester A.	Mec.	City Hall, Brewer, Maine.	568
Robinson, James A.	Civ.	Dept. of Public Works, Portland, Maine.	330
Rogers, Allan H.	Ele.	Central Maine Power Co., Augusta, Maine.	231
Rolland, George A.	Ele.	163 Milton Street, Dorchester, Mass.	481
Rowe, Robert R.	Str.	619 West Chicago Ave., Chicago, Ill.	504
Rowland, Sylvester H.	Ele.	47 Lincoln Street, Bath, Maine.	194
Russell, Harold Wm.	Mec.	Goodall Worsted Co., Sanford, Maine.	531
Russell, Irving W.	Civ.	State Highway Dept., Augusta, Maine.	381
Sanders, Ephraim E.	Civ.	Sanders Engineering Co., Portland, Maine.	372
Sargent, Paul D.	Civ.	Corrogated Culvert Asso., Portland, Maine.	390
Sarle, Percy W.	Civ.	Oxford Paper Co., Rumford, Maine.	224
Savage, Arthur R.	Str.	Bunker & Savage, Arch., Augusta, Maine.	370
Savage, Leon E.	Civ.	Hollingsworth & Whitney Co., Waterville, Maine.	365
Savage, Vinton A.	Civ.	State Highway Dept., Augusta, Maine.	312
Sawtelle, Egerton B.	Civ.	178 Middle Street, Portland, Maine.	11
Sawyer, Charles A.	Ind. Mec.	American Can Co., Portland, Maine.	225
Sawyer, Edward E.	Che.	Keyes Fibre Co., Waterville, Maine.	371
Sawyer, Herbert H.	Civ.	State Highway Dept., Augusta, Maine.	197

Name	Class.	Address	Serial No.
Sawyer, Simear F.	Civ.	241 State Street, Bangor, Maine.	306
Schultz, Andrew	Ele.	N. E. Tel. & Tel. Co., Boston, Mass.	173
Scribner, Russell O.	Civ.	Winterport, Maine,	163
Sewall, James W.	Civ.	147 Center Street, Old Town, Maine.	7
Shaw, Arthur L.	Civ. San	Metcalf & Eddy, Engrs., Boston, Mass.	229
Shaw, Benjamin C.	Ind.	Saco-Lowell Shops, Biddeford, Maine.	511
Shaw, Howard C.	Mec.	420 St. John Street, Portland, Maine.	264
Sheahan, H. V.	Civ.	Ames Const. Company, Somersworth, N. H.	207
Shephard, Harold W.	Civ.	Maine Central Railroad, Portland, Maine.	239
Shepherd, Roland E.	Civ.	214 Westford Circle, Springfield, Mass.	243
Silverman, Isadore K.	Civ.	Bureau of Reclamation, Denver, Colorado.	482
Simpson, Paul D.	Civ.	Seal Harbor, Maine,	562
Skinner, Hervey J.	Ind.	Skirner & Sherman Inc., Boston, Mass.	485
Skolfield, Herbert N.	Civ.	Ellsworth, Maine,	92
Smith, David Allen	Civ.	79 Perham Street, Farmington, Maine.	236
Smith, Ernest J.	Civ.	50 East Main Street, Dover-Foxcroft, Maine.	466
Smith, Harry L.	Mec.	Pepperell Manuf. Co., Biddeford, Maine.	103
Smith, Virgil C.	Mec.	St. Croix Paper Co., Woodland, Maine.	55
Snow, Bayard F.	Civ. San.	14 Beacon Street, Boston, Mass.	528

Name	Class.	Address	Serial No.
Sonntag, Carl Henry	Civ.	Lawrence Portland Cement Co., Thomaston, Maine.	436
Spalding, Prescott O.	Civ.	12 Iving Street, Portland, Maine.	334
Spinney, Charles E.	Ele.	Sanford Mills, Sanford, Maine.	338
Stackpole, M. R.	Civ.	U. S. G. S. & M. P. U. C., Augusta, Maine.	232
Stangel, George W.	Civ.	26 Andrew Road, Bath, Maine.	291
Stanwood, Creighton B.	Che.	Great Northern Paper Co., Boston, Mass.	221
Stearns, Albert W.	Civ.	Brooklin, Maine,	453
Steenstra, Walter H.	Civ.	Nepseo Services, Inc., Augusta, Maine.	559
Steinman, D. B.	Civ. Str.	Robinson & Steinman, New York.	408
Stephenson, Otto E.	Civ.	Town Engineer, Cape Elizabeth, Maine.	205
Stevens, Alfred F.	Ele.	Central Maine Power Co., Bingham, Maine.	118
Stevens, David H.	Civ.	Milo, Maine,	404
Stevens, Philip L.	Ele.	443 Congress Street, Portland, Maine.	63
Stilphen, Norman E.	H&V	Stilphen Eng. Company, Sanford, Maine.	104
Stone, Richard H.	Civ.	U. S. Dept. of Agriculture, Gardiner, Maine.	59
St. Pierre, Lionel E.	Civ.	96 State Street, Augusta, Maine.	267
Strout, Willard J.	Civ.	Bangor & Aroostook R. R., Houlton, Maine.	64
Stuart, John B.	Ele.	N. E. Tel. & Tel. Co., Bangor, Maine.	406
Sturtevant, Roy W.	Civ.	U. S. Navy Yard, Portsmouth, N. H.	208

Name	Class.	Address	Serial No.
Surowiec, Edward J.	Civ.	Nepsco Services, Inc., Augusta, Maine.	552
Swanson, Harry	H&V	The Fels Company, Portland, Maine.	273
Sweetser, Harlan H.	Civ.	Cumberland Foreside, Portland, Maine.	245
Tate, Fred F.	Civ.	Box 205, Millinocket, Maine.	133
Taylor, Frank M.	Civ.	State Highway Dept., Augusta, Maine.	472
Terry, Killey E.	Ele. Mec.	S. D. Warren Co., Cumberland Mills, Maine.	409
Theriacult, L. Philip	Civ.	3 Prospect Street, Houlton, Maine.	210
Thomas, Philip W.	Civ.	Rumford Falls Power Co., Rumford, Maine.	79
Thomes, F. E.	Mec.	16-18 Custom House Wharf, Portland, Maine.	298
Thompson, Newton B.	Civ.	P. O. Box 333, Waterville, Maine.	13
Thorne, Milton	Civ.	Portland Water District, Portland, Maine.	168
Thurston, Norman W.	Ele.	C. C. P. & L. Co., Portland, Maine.	40
Todd, William N.	Ele. Mec.	The Portland Company, Portland, Maine.	159
Towne, Harland E.	Civ.	State Highway Dept., Augusta, Maine.	127
Towne, Selwyn H. Jr.	H&V	Bath Iron Works, Bath, Maine.	155
Tracey, Frank L.	H&V	Carman-Thompson Co., Inc., Lewiston, Maine.	174
Trask, Oland W.	Civ.	Dept. of Public Works, Portland, Maine.	222
Trowbridge, Henry O.	Mec. H&V	Bath Iron Works, Bath, Maine.	156

Name	Class.	Address	Serial No.
Tuck, James Allen	Civ.	8835 Elmhurst Ave., Elmhurst, Long Island, N. Y.	535
Turner, Charles A.	Ele. Mec.	Great Northern Paper Co., Millinocket, Maine.	62
Turner, Milton L.	Mec.	Keyes Fibre Company, Waterville, Maine.	288
Turner, Howard M.	Civ.	12 Pearl Street, Boston, Mass.	521
Tyrrell, Cecil C.	Mec.	67-39-183rd St., Flushing, Long Island, N. Y.	405
Uhl, William F.	Civ. Str.	Chas. T. Main Co., Inc., Boston, Mass.	376
Vanderhout, William	Civ.	8 Plainfield Street, Lexington, Mass.	536
Varney, Edward A.	Ind Str.	46 Cornhill, Boston, Mass.	512
Varney, Lewis G.	Civ.	Shuler House, Pottstown, Pa.	96
Varney, Perley W.	Civ.	North Windham, Maine.	292
Votaw, France E.	Civ. Str.	18 Madison Avenue, Winchester, Mass.	251
Walker, James W. G.	Civ.	Center Conway, N. H.	223
Walsh, John J.	Mec.	Eastern Manuf. Co., Brewer, Maine.	308
Ware, T. C.	H&V	W. L. Blake Co., Portland, Maine.	438
Waterman, Albert W.	Civ.	City Engineer, So. Portland, Maine.	145
Waterman, Carey C.	H&V	South Freeport, Maine.	199
Watson, Harry D.	Mec. H&V	University of Maine, Orono, Maine.	426
Webster, Earle R.	Ele.	Bangor Hydro-Electric Co., Bangor, Maine.	181

Name	Class.	Address	Serial No.
Webster, Walter H.	Civ.	Webster & Libby, Inc., Portland, Maine.	150
Weldon, Roy V.	Civ. Mec.	Great Northern Paper Co., Millinocket, Maine.	47
Wendell, Raymond T.	San.	State House, Augusta, Maine.	557
Wentzel, Roy A.	Civ.	State Highway Dept., Augusta, Maine.	423
West, Frederic R.	Mec.	Great Northern Paper Co., Millinocket, Maine.	398
Weston, Benjamin T.	Civ.	20 Gage Street, Augusta, Maine.	217
Weymouth, Arthur P.	Ele.	9 West Street, Waterville, Maine.	120
Weymouth, H. Stanley	Civ.	State Highway Dept., Augusta, Maine.	9
Wheeler, Allen F.	Mec.	S. W. Libbey Co., Lewiston, Maine.	56
Wheelden, Harry L.	Ele.	9 Royal Street, Bangor, Maine.	483
Whitaker, Ernest C.	H&V	24 Union Park Street, Boston, Mass.	499
Whitcomb, Karl B.	Civ.	384 College Road, Orono, Maine.	425
Whitcomb, Seth A.	Civ.	25 High Street, Winthrop, Maine.	294
White Frank O.	Civ. Mec.	Fraser Paper Ltd., Madawaska, Maine.	41
White, Harrison G.	Civ.	9 Andrew Street, Springfield, Mass.	565
White, Lewis H.	Civ.	62 Chapel Street, Augusta, Maine.	248
Whitney, Bryan O.	Civ.	Dept. of Public Works, Portland, Maine.	110
Whitney, Kenneth W.	Civ.	State Highway Dept., Augusta, Maine.	383



Name	Class.	Address	Serial No.
Whitney, Ralph G.	Civ.	Farmington, Maine,	71
Whitten, Charles A.	Civ.	State Highway Dept., Augusta, Maine.	90
Wiesner, Henry Jr.	San.	11 West Pierpont Ave., Rutherford, N. J.	363
Wiggins, James W.	Civ.	B. & A. Railroad, Houlton, Maine.	303
Wilber, Joseph Fremont	Civ.	210 South Street, Boston, Mass.	501
Wilder, Max L.	Civ. Str.	State Highway Dept., Augusta, Maine.	20
Willey, Lawrence E.	Civ.	Gilford, N. H.,	411
Williams, George B.	Mec.	George B. Williams Co., Portland, Maine.	497
Williams, Ralph A.	Mec.	N. E. Tel. & Tel. Co., Portland, Maine.	392
Wilson, Donald H.	Civ.	Moosehead, Maine,	548
Wilson, E. C.	Civ.	Green & Wilson, Waterville, Maine.	431
Wilson, Roger J.	Civ. Mec.	185 North Common St., Lynn, Mass.	26
Winslow, Arthur C.	Ele.	Great Northern Paper Co., Millinocket, Maine.	346
Winters, Amos A.	Civ.	Central Maine Power Co., Augusta, Maine.	238
Wood, Ashley B. Jr.	Che.	Eastern Corporation, Bangor, Maine.	278
Wood, Franklin H.	Civ.	O. H. Tripp Eng. Co., Rockland, Maine.	28
Woods, Phillip Edgar	Civ.	97 Spring Street, Gardiner, Maine.	258
Woolley, Ernest L.	H&V	60 Dunnell Lane, Pawtucket, R. I.	473
Wright, Frank Vernon	Civ.	State Highway Dept., Augusta, Maine.	72

## MAINE REGISTRATION

<b>Name</b>	<b>Class.</b>	<b>Address</b>	<b>Serial No.</b>
<b>Wyland, G. Gilbert</b>	Mec.	118 Fifth Street, Ridgefield Park, N. J.	475
<b>Wyman, A. Percival</b>	Civ.	Wyman & Simpson, Waterville, Maine.	301
<b>Wyman, Walter S.</b>	Civ. Ele.	Central Maine Power Co., Augusta, Maine.	32
<b>Yeaton, Harold W.</b>	Ele.	C. C. P. & L. Co., Portland, Maine.	69
<b>Young, Harvard G.</b>	Civ.	N. Sullivan, Maine,	420

**ROSTER OF REGISTRANTS WHOSE CERTIFICATES HAVE  
EXPIRED FOR NON-PAYMENT OF DUES**

**Expired January 1st, 1937**

Name	Class.	Address	Serial No.
Greenwood, Elmer E.	Civ.	279 Madison Ave., Skowhegan, Maine.	386
Hale, J. Elliott	San.	State Bureau of Health Augusta, Maine.	364
King, Joseph W.	Che.	Eastern Manuf. Co., South Brewer, Maine.	311
Parmenter, Ellis F.	Che.	Eastern Manuf. Co., South Brewer, Maine.	281
Perro, Walter L.	Che.	Advance Bag and Paper Co., Howland, Maine.	169
Ridlon, M. George	Civ.	Resettlement Adm., Windham, Maine.	211
Richardson, Percy H.	Civ.	157 High Street, Portland, Maine.	341
Volk, Wendell D.	Civ.	Center Lovell, Maine,	387

**Expired January 1st, 1938**

Byrns, Forrest E.	Civ.	U. S. Engineers Office, New York.	77
Corning, Paul B.	Civ.	International Paper Co., Palmer, N. Y.	494
Dean, Orris Lee	Mec.	Bangor and Aroostook R. R., Derby, Maine.	285
Dyer, Howard K.	Civ.	246 Main Street, Calais, Maine.	460
Eaton, Donald H.	Str.	Hussey Manuf. Co., North Berwick, Maine.	37
Green, Harry E.	Civ.	Green & Wilson Co., Waterville, Maine.	30
Heistad, Trygve	Civ.	State Highway Dept., Augusta, Maine.	293

Name	Class.	Address	Serial No.
Hobbs, Albert C.	Civ.	H. P. Cummings Const. Co., Portland, Maine.	261
Hultan, Karl A.	Mec.	Oxford Paper Co., Rumford, Maine.	287
Laplant, John R.	Civ.	State Highway Dept., Augusta, Maine.	242
Nelson, Henry	Civ.	109 Hancock Street, Rumford, Maine.	322
Ring, Chester A. Jr.	Civ.	20 Penobscot Street, Bangor, Maine.	216
Thayer, Allen J.	H&V	A. J. Thayer Co., Auburn, Maine.	102
Value, B. R.	Civ.	Commerce Building, Washington, D. C.	212

#### Expired January 1st, 1939

Ekern, Emil Alfred	Civ.	3 Joy Street, Boston, Mass.	474
Haynes, Chas. A.	Civ.	Works Progress Adm., Ellsworth, Maine.	327
Sherman, Chas. W.	Civ. San.	Metcalf & Eddy, Engs., Boston, Mass.	67
Thorpe, Lewis D.	Civ.	6 Beacon Street, Boston, Mass.	337
Wheelden, Harry L.	Ele.	9 Royal Street, Bangor, Maine.	483

#### Expired January 1st, 1940

Dickens, John S.	Civ.	State Highway Dept., Augusta, Maine.	313
Perkins, Maurice A. Jr.	Ele.	Bangor Hydro-Elec. Co., Bangor, Maine.	131
Ray, Thomas B.	Civ. San	74 Main Street, Skowhegan, Maine.	12
Roche, John W.	Mec.	U. S. Eng. Office, Boston, Mass.	445

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## In Memoriam

RICHARD HORN BRITT  
Serial No. 336  
Rockland, Maine

HARRY STEVENS COOMBS  
Serial No. 240  
Lewiston, Maine

LaFOREST H. JOHNSON  
Serial No. 437  
Portland, Maine

ROLAND H. LIBBY  
Serial No. 60  
Saco, Maine

WILLIAM J. SWEETSER  
Serial No. 421  
Orono, Maine

PARKER C. NEWBEGIN  
Serial No. 18  
Houlton, Maine

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