State of South Carolina

TWENTY-SEVENTH ANNUAL REPORT

of the

STATE BOARD OF ENGINEERING EXAMINERS

to the

GOVERNOR

FOR YEAR ENDING JUNE 30, 1949

Roster of Registered Professional Engineers, Land Surveyors and Engineers-in-Training

1949
State of South Carolina

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1949

Office of Board
505 Carolina Life Building, Columbia, S. C.
(Mail Address: P. O. Drawer 1404, Columbia, S. C.)
TENNY-SEVENTH ANNUAL REPORT
Of the
STATE BOARD OF
ENGINEERING EXAMINERS
To the
GOVERNOR
THE SOUTH CAROLINIANA LIBRARY
Letter of Transmittal

TO THE GOVERNOR


To His Excellency, Hon. J. Strom Thurmond,
Governor of South Carolina,
Columbia, S. C.

Sir:

In compliance with Sections 7072 and 7073, Chapter 148, Article 2, Code of Laws of South Carolina, 1942, we have the honor to transmit this Twenty-seventh Annual Report of the activities of the Board, together with a statement of receipts and expenditures and a list of those registered in accordance with the law.

The Board desires to express its appreciation of the cooperation and assistance received from your office and other State Departments.

Respectfully submitted,

STATE BOARD OF ENGINEERING EXAMINERS,
ROBERT L. SUMWALT, Chairman.

Attest:
T. KEITH LEGARE, Secretary.
Personnel of South Carolina State Board of Engineering Examiners

Robert L. Sumwalt, Chairman, Columbia (Term expires July 1, 1953)
Dean, School of Engineering, University of South Carolina
Member, American Society of Civil Engineers
Member, South Carolina Society of Engineers
Member, South Carolina Society of Professional Engineers
Member, American Society for Engineering Education
Member, American Road Builders Association
Member, Advisory Board, National Bureau of Engineering Registration
Member, Committee on Engineers-in-Training, NCSBEE

F. R. Sweeney, Vice-Chairman, Anderson (Term expires July 1, 1952)
F. R. Sweeney and Company, Civil, Mechanical, Electrical and Industrial Engineers
Member, American Society of Civil Engineers
Member, South Carolina Society of Engineers

T. Keith Legare', Secretary, Columbia (Term expires July 1, 1950)
Executive Secretary, National Council of State Boards of Engineering Examiners
Chairman, Committee on Registration of Engineers, American Society of Civil Engineers
Member, South Carolina Society of Engineers
Member, South Carolina Society of Professional Engineers
Member, National Society of Professional Engineers

L. S. LeTellier, Charleston (Term expires July 1, 1954)
Head, Department of Engineering
The Citadel, The Military College of South Carolina
Member, American Society of Civil Engineers
Member, American Concrete Institute
Director, Civil Engineering Division, American Society for Engineering Education
Member, South Carolina Society of Engineers
Member, South Carolina Society of Professional Engineers

James H. Sams, Clemson (Term expires July 1, 1951)
Vice-Dean of Engineering and Professor of Mechanical Engineering, School of Engineering, Clemson
Member, American Society of Mechanical Engineers
Member, South Carolina Society of Engineers
Member, American Society for Engineering Education
ACTIVITIES OF THE BOARD

During the past fiscal year the Board held four meetings at which it considered a total of 118 applications for registration. There were 61 engineers and 25 land surveyors approved. A number of applications are pending and will be acted on by the Board after review of records and, in some cases, after written examinations have been given. There are now in good standing 629 registered professional engineers, 149 registered land surveyors and 181 Engineers-in-Training.

The Board has investigated a number of violations of the registration law. These were adjusted by either registration or discontinuance of practice or discontinuance of improper use of title.

The accompanying financial statement shows all receipts and disbursements, and the accounts of the Board have been audited by the State Auditor.

Accompanying this report as a part thereof is the official Roster of Registered Engineers and Land Surveyors who are in good standing as of August 1, 1949, and who have paid the required annual renewal fee for the current fiscal year. This report includes the Roster of Engineers-in-Training who have been certified by the Board to date. This report also includes a copy of the Registration Act, the rules and regulations of the Board, and other general information pertaining to the legal registration of engineers.

Amendments to the Registration Act were passed by the State Legislature and approved by the Governor April 15, 1948. The registration of professional engineers and land surveyors is now being conducted in accordance with the new requirements and regulations in the amended Act. Under authority given in the Registration Act the Board has reduced the annual renewal fee from $5.00 to $3.00 for professional engineers and from $3.00 to $2.00 for land surveyors. Only one renewal fee of $3.00 is required when a registrant has both classifications of engineer and surveyor.
REINSTATEMENT OF REGISTERED ENGINEERS

Provision is made in the Rules and Regulations of the Board, published elsewhere in this Report, for the "Reinstatement of Revoked or Lapsed Certificates" and, when any registrant who has not kept up his annual renewal wishes to have his legal registration made effective again, he may do so by meeting these requirements.

Because of the provisions of the Registration Act the Roster of Registered Engineers and Land Surveyors Authorized to Practice in the State of South Carolina published in this Report, does not contain the names of registrants who have not paid the current renewal fee.

MEETINGS, FEES, RENEWALS

Four meetings of the Board are held during the year and applicants are notified of the dates of the examinations when they are required to take such an examination. All applications for registration must be made on forms furnished by the Board, accompanied by the required fee and filed with the Secretary of the Board at least thirty days before meetings.

All certificates of registration expire on June 30th of each year and those who continue to practice after that date without renewal are violating the law. The annual renewal fee of $3.00 for engineers and $2.00 for land surveyors is payable on or before the thirtieth day of June. Only one fee of $3.00 is required when classification includes both engineer and surveyor.

It is important that engineers practicing in this State keep their registration up to date and advise the office of the Board as to any change of title and address.

This office will be glad to furnish any engineers with information regarding registration in other states or any other information they may wish in connection with registration procedure.

HISTORY OF REGISTRATION ACT

The Act providing for the creation of the State Board of Engineering Examiners and the registration of professional engineers and land surveyors was passed by the State Legislature of South Carolina at the 1922 session and was approved by Governor R. A. Cooper on March 22, 1922. The Act, as then amended, was approved by Governor John G. Richards on
March 10, 1928. An amended Act, substituting the “Model Law” for the existing Act, was passed by the State Legislature and approved by Governor J. Strom Thurmond on April 15, 1948.

The first members of the Board were appointed and commissioned by Governor Wilson G. Harvey on May 31, 1922, and were as follows: G. E. Shand of Columbia, George Wrigley of Greenville, L. S. LeTellier of Charleston, W. S. Tomlinson of Columbia, and T. Keith Legarde of Columbia.

The Board held its first meeting in Columbia on June 17, 1922, and was organized by the election of officers and the appointment of committees. The present officers and members of the Board are given on page four.
Financial Statement
July 1, 1948 to June 30, 1949

Cash Balance, July 1, 1948.................................................. $ 8,004.48

Receipts:

Registration and Renewal Fees........................................... $5,377.00
Less Exchange and Services.............................................. 6.96  5,370.04

$13,374.52

Disbursements:

Vouchers on Comptroller General........................................... $6,297.21
Cash Balance, June 30, 1949............................................... 7,077.31

$13,374.52

ANALYSIS OF DISBURSEMENTS
July 1, 1948 to June 30, 1949

Salaries (Secretary)......................................................... $1,800.00
Clerical Help............................................................... 1,200.00
Per Diem Board Members................................................... 105.00
Travel ............................................................................. 195.30
Repairs ............................................................................. 20.00
Examination Expenses......................................................... 903.11
Office Rent......................................................................... 288.00
Office Supplies.................................................................... 463.88
Office Equipment................................................................... 65.45
Printing and Advertising...................................................... 1,022.01
Insurance (Secretary's Bond)................................................ 15.00
Association Dues (National Council)....................................... 150.00
Telephone and Telegraph..................................................... 69.46

$ 6,297.21
STATE OF SOUTH CAROLINA  
County of Richland

I, T. Keith Legaré, Secretary of the State Board of Engineering Examiners, do hereby certify that the financial report herewith rendered is a correct statement of the finances of the State Board of Engineering Examiners, for the period specified.

T. KEITH LEGARÉ

Subscribed and sworn to before me this sixth day of September, 1949.

CLARKE W. MCCANTS, JR.  
Notary Public for S. C.

STATE OF SOUTH CAROLINA  
County of Richland

I, Robert L. Sumwalt, Chairman of the State Board of Engineering Examiners, during the period beginning July 1, 1948 and ending June 30, 1949, do hereby certify that the financial statement herein rendered of the State Board of Engineering Examiners is true to my own knowledge, except those matters and facts stated on information and belief and as to those, I believe it to be true.

ROBERT L. SUMWALT

Subscribed and sworn to before me this fourteenth day of September, 1949.

FLORIDE P. GODDARD  
Notary Public for S. C.

August 30, 1949

GOVERNOR J. STROM THURMOND, Chairman  
State Budget Commission  
Columbia, South Carolina

Dear Sir:

In compliance with the law, we have audited the accounts of the South Carolina Board of Engineering Examiners covering the period beginning July 1, 1948 and ending June 30, 1949.

The records of the Board are in agreement with the State Treasurer and it appears that all collections of record are properly accounted for and that disbursements have been made for proper purposes.

Respectfully submitted,

J. M. SMITH,  
State Auditor.
AN ACT to amend Sections 7063-7084, inclusive, Code of Laws of South Carolina, 1942, relating to the registration of Engineers and Land Surveyors so as to further regulate the practices of Engineering and Land Surveying; providing for the registration of qualified persons as Professional Engineers and Land Surveyors, and providing for the certification of Engineers-In-Training; defining the terms "Engineer", "Professional Engineer", "Engineer-In-Training", "Practice of Engineering", "Land Surveyor", and "Practice of Land Surveying"; creating a State Board of Engineering Examiners and providing for the appointment of its members; fixing the term of the Board and defining its powers and duties; setting forth the minimum qualifications and other requirements for registration; establishing fees with expiration and renewal requirements; and providing for the enforcement of this Act and penalties for its violation.

BE IT ENACTED by the General Assembly of the State of South Carolina:

Section 1. That Sections 7063-7084, inclusive, Code of Laws of South Carolina, 1942, be, and the same are hereby, amended by striking out all of said sections and inserting in lieu the following:

General Provisions

Section 7063. In order to safeguard life, health, and property, and to promote the public welfare, any person in either public or private capacity practicing or offering to practice engineering or land surveying, shall hereafter be required to submit evidence that he is qualified so to practice and shall be registered as hereinafter provided; and it shall be unlawful for any person to practice or to offer to practice in this State, engineering or land surveying, as defined in the provisions of this Act, 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 or a land surveyor, unless such person has been duly registered under the provisions of this Act.

Definitions

Section 7064. The term Engineer as used in this Act shall mean a Professional Engineer as hereinafter defined.

The term "Professional Engineer" within the meaning and intent of this Act shall mean a person who, by reason of his special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and designs, acquired by professional education and practical experience, is qualified to practice engineering as hereinafter defined, as attested by his legal registration as a Professional Engineer.

The term "Engineer-in-Training" as used in this Act shall mean a candidate for registration as a Professional Engineer who is a graduate in an approved engineering curriculum of four years or more from a school or college approved by the Board as of satisfactory standing, or who has had four years or more of experience in engineering work of a character satisfactory to the Board; and who, in addition, has successfully passed the examination in the fundamental engineering subjects prior to completion of the requisite years of experience in engineering work, as pro-
vided in Section 7076 of this Act, and who shall have received from the
Board, as hereinafter defined, a certificate stating that he has successfully
passed this portion of the professional examinations.

The term "Practice of Engineering" within the meaning and intent of
this Act shall mean any professional service or creative work requiring
engineering education, training, and experience and the application of
special knowledge of the mathematical, physical, and engineering sciences
to such professional services or creative work as consultation, investigation,
evaluation, planning, design, and supervision of construction for the
purpose of assuring compliance with specifications and design, in connection
with any public or private utilities, structures, buildings, machines,
equipment, processes, works, or projects.

A person shall be construed to practice or offer to practice engineering,
within the meaning and intent of this Act, who practices any branch of
the profession of engineering; or who, by verbal claim, sign, advertisement,
letterhead, card, or in any other way represents himself to be a
professional engineer, or through the use of some other title implies that
he is a professional engineer; or who holds himself out as able to perform,
or who does perform any engineering service or work or any other
professional service designated by the practitioner or recognized by educa-
tional authorities as engineering.

The practice of engineering shall not include the work ordinarily per-
formed by persons who operate or maintain machine or equipment.

The term "Land Surveyor" as used in this Act shall mean a person
who engages in the practice of land surveying as hereinafter defined.

The practice of "Land Surveying" within the meaning and intent of this
Act includes surveying of areas for their correct determination and de-
scription and for conveyancing, or for the establishment or reestablish-
ment of land boundaries and the plotting of lands and subdivisions thereof.

The term "Board" as used in this Act shall mean the State Board of
Engineering Examiners, provided for by this Act.

Board—Appointments—Terms

Section 7065. The State Board of Engineering Examiners is hereby
continued whose duty it shall be to administer the provisions of this Act.
The Board shall consist of five registered engineers, who shall be ap-
pointed by the Governor from among nominees recommended by the
representative engineering societies in the State and shall have the quali-
fications required by Section 7066. The members of the first board shall
be appointed within ninety days after the passage of this Act, to serve
for the following terms: One member for one year, one member for
two years, one member for three years, one member for four years, and
one member for five years, from the date of their 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
and before beginning his term of office shall file with the Secretary of
State his written oath or affirmation for the faithful discharge of his
official duty. On the expiration of the term of any member, the Gover-
nor shall in the manner hereinbefore provided appoint for a term of five
years a registered professional engineer, having the qualifications required
by Section 7066, to take the place of the member whose term on said
Board is about to expire. Each member shall hold office until the expi-
ration of the term for which such member is appointed or until a suc-
cessor shall have been duly appointed and shall have qualified. Not-
withstanding anything herein contained, the present members of the Board
shall continue in office as members of said Board until their present
respective terms expire.

Board—Qualifications

Section 7066. 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 engineering for at least twelve years, and shall have been in
responsible charge of important engineering work for at least five years.
Responsible charge of engineering teaching may be construed as respon­
sible charge of important engineering work.

Board—Compensation and Expenses

Section 7067. Each member of the Board shall receive the sum of Ten
($10.00) Dollars per diem when actually attending to the work of the
Board or any of its committees and for the time spent in necessary travel;
and, in addition thereto, shall be reimbursed for all actual traveling, inci­
dental, and clerical expenses necessarily incurred in carrying out the
provisions of this Act.

Board—Removal of Members—Vacancies

Section 7068. The Governor 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
7065.

Board—Meetings—Officers

Section 7069. The Board shall hold at least two 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 man­
er as the by-laws may provide. The Board shall elect or appoint an­
ually the following officers: A chairman, a vice-chairman, and a secre­
tary. A quorum of the Board shall consist of not less than three members.

Board—Powers

Section 7070. The Board shall have the power to adopt and amend all
by-laws and rules of procedure, not inconsistent with 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, under
the hand of its chairman and the seal of the Board may subpoena wit­
tesses 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 wit­
tesses 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 such authority
as may have jurisdiction, setting forth the facts, and thereupon such
authority shall in a proper case, issue its subpoena to such person, re­
quiring his attendance before such authority and there to testify or to
produce such books, papers, and documents, as may be deemed neces­
sary and pertinent by the Board. Any person failing or refusing to obey
the subpoena or order of the said authority may be proceeded against
in the same manner as for refusal to obey any other subpoena or order
of the authority.

Receipts and Disbursements

Section 7071. The Secretary of the Board shall receive and account
for all moneys derived under the provisions of this Act, and shall pay
the same to the State Treasurer, who shall keep such moneys in a sepa­
rate fund to be known as the fund of the Board of Engineering Exam­
iners. Such fund shall be kept separate and apart from all other moneys
in the Treasury, and shall be paid out only by vouchers regularly drawn
by the Chairman and Secretary of the Board. All moneys in the fund
of the Board of Engineering Examiners are hereby specifically appro­
priated for the use of the Board. The Secretary of the Board shall give
a surety bond to the 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 fund of the Board of Engineering Examiners. The Secretary of the Board shall receive such salary as the Board shall determine in addition to the expenses provided for in Section 7067. The Board may employ such clerical or other assistants as are necessary for the proper performance of its work, and make expenditures of this fund for any purpose which in the opinion of the Board is reasonably necessary for the proper performance of its duties under this Act, including the expenses of the Board's delegates to annual meetings of, and membership dues to, the National Council of State Boards of Engineering Examiners. Under no circumstances shall the total amount of warrants issued by the Comptroller General in payment of the expenses and compensation provided for in this Act exceed the amount of the examination, registration and renewal fees collected as herein provided.

Records and Reports

Section 7072. 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.

Annually, as of June 30, the Board shall submit to the Governor a report of its transactions of the preceding year, 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.

Roster

Section 7073. A roster showing the names and places of business of all registered professional engineers and all registered land surveyors shall be published by the Secretary of the Board during the month of August of each year. Copies of this roster shall be mailed to each person so registered, placed on file with the Secretary of State, and furnished to the public upon request.

Requirements for Registration and Certification

Section 7074. The following shall be considered as minimum evidence satisfactory to the Board that the applicant is qualified for registration as a Professional Engineer, or Land Surveyor, or for certification as an Engineer-in-Training, respectively:

1) As a Professional Engineer

   a. Graduation in an approved engineering curriculum of four years or more from a school or college approved by the Board 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 indicating that the applicant is competent to practice engineering (in counting years of experience, the Board at its discretion may give credit, not in excess of one year, for satisfactory graduate study in engineering), provided that in a case where the evidence presented in the application does not appear to the Board conclusive nor warranting the issuing of a certificate of registration, the applicant may be required to present further evidence for the consideration of the Board, and may also be required to pass an oral or written examination, or both, as the Board may determine; or
b. A specific record of eight years or more of experience in engineering work of a character satisfactory to the Board and indicating that the applicant is competent to practice engineering; and successfully passing a written, or written and oral, examination designed to show knowledge and skill approximating that attained through graduation in an approved four-year engineering curriculum; or

c. A specific record of twelve years or more of lawful practice in engineering work of a character satisfactory to the Board and indicating that the applicant is competent to practice engineering and provided applicant is not less than thirty-five years of age.

(2) As an Engineer-in-Training

a. Graduation in an accredited engineering curriculum of four scholastic years or more from a school or college approved by the Board as of satisfactory standing, and successfully passing a written examination in the basic engineering subjects; or

b. A specific record of four years or more of experience in engineering work of a character satisfactory to the Board, and successfully passing a written examination in the basic engineering subjects.

(3) As a Land Surveyor

a. Graduation from a school or college approved by the Board as of satisfactory standing, including the completion of an approved course in surveying; and an additional two years or more of experience in land surveying work of a character satisfactory to the Board and indicating that the applicant is competent to practice land surveying; or

b. A specific record of six years or more of experience in land surveying work of a character satisfactory to the Board and indicating that the applicant is competent to practice land surveying; and successfully passing a written, or written and oral, examination in surveying prescribed by the Board; or

c. A specific record of ten years or more of lawful practice in land surveying work of a character satisfactory to the Board; and provided applicant is not less than thirty years of age.

No person shall be eligible for registration as a Professional Engineer, or Land Surveyor, or certification as an Engineer-in-Training, who is not of good character and reputation.

In considering the qualifications of applicants, 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 as of satisfactory standing, without graduation, shall be considered as equivalent to a year of experience in Section 7074 (1) b and (2) 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 Section 7074 (1) b and (2) b; PROVIDED, HOWEVER, that no applicant shall receive credit for more than four years of experience because of under-graduate educational qualifications.

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 the practice of engineering.

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

Applications and Registration Fees

Section 7075. 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 detailed summary of his technical
work, and shall contain not less than five references, of whom three or more shall be registered engineers having personal knowledge of his engineering experience.

The registration fee for professional engineers shall be Twenty-five ($25.00) Dollars, Fifteen ($15.00) Dollars of which shall accompany application, the remaining Ten ($10.00) Dollars to be paid upon issuance of certificate. When a Certificate of Qualification issued by the National Bureau of Engineering Registration is accepted as evidence of qualification, the total fee for registration as Professional Engineer shall be Fifteen ($15.00) Dollars.

The fee for Engineer-in-Training shall be Five ($5.00) Dollars, which shall accompany the application and shall include the cost of examination and issuance of certificate. When registration as a Professional Engineer is completed by an Engineer-in-Training, an additional fee of Twenty ($20.00) Dollars shall be paid before issuance of certificate as a Professional Engineer.

A person who is a resident of the state and has been certified in another state as an Engineer-in-Training may upon the payment of a fee of One ($1.00) Dollar be certified as an Engineer-in-Training in South Carolina provided he submits evidence satisfactory to the Board that he has been certified as an Engineer-in-Training in another state under qualifications substantially equivalent to those specified in this Act for certification as an Engineer-in-Training.

The Registration fee for Land Surveyors shall be Fifteen ($15.00) Dollars, which shall accompany application.

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.

Examinations

Section 7076. When oral or written examinations are required, they shall be held at such time and place as the Board shall determine. When examinations are required on fundamental engineering subjects (such as are ordinarily given in college curricula), the applicant shall be permitted to take this part of the professional examination prior to his completion of the requisite years of experience in engineering work, and satisfactory passage of this portion of the professional examination by the applicant shall constitute a credit for a period of ten years. The Board shall issue to each applicant upon successfully passing the examination in fundamental engineering subjects a certificate stating that he has passed the examination and that his name has been recorded as an Engineer-in-Training.

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 so as to insure the safety of life, health, and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration separately in engineering and in land surveying. A candidate failing on examinations may apply for re-examination at the expiration of one year 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.

Certificates—Seals

Section 7077. 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. In case of a Registered Engineer, the certificate shall authorize the “practice of engineering.” In the case of an Engineer-in-Training the certificate shall state that the applicant has successfully passed the examination in fundamental engineering subjects required by the Board and has been enrolled as an “Engineer-in-Training.” In the
case of a Registered Land Surveyor, the certificate shall authorize the "practice of land surveying." Certificates of registration and certificates as Engineer-in-Training 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 prima facie evidence that the person named therein is entitled to all the rights and privileges of a Registered Professional Engineer, or of a Registered Land Surveyor, while the said certificate remains unrevoked or unexpired.

Each registrant hereunder shall upon registration obtain a seal of the design authorized by the Board, bearing the registrant's name and the legend, "Registered Professional Engineer", or "Registered Land Surveyor." Plans, specifications, plats, and reports prepared by a registrant shall be stamped with the said seal when filed with public authorities, during the life of the registrant's certificate, but it 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 reissued.

Annual Renewals
Section 7078. The registration year for professional engineers and land surveyors shall be from July 1st to June 30th in each and every year. Every certified professional engineer registered under the provisions of this article who desires to continue the practice of his profession shall annually during the month of June pay to the Secretary of the Board of Engineering Examiners a fee of Five ($5.00) Dollars or such smaller amount as may be prescribed by the Board, for which fee a renewal registration card for the ensuing registration year shall be issued. Every land surveyor so registered under this article who desires to continue the practice of his profession shall annually during the month of June pay to the Secretary of the Board a fee of Three ($3.00) Dollars or such smaller amount as may be prescribed by the Board for which fee a renewal registration card for the ensuing registration year shall be issued.

Status of Certificates Heretofore Issued
Section 7079. No person who heretofore has been duly registered as a professional engineer or land surveyor under the laws of South Carolina and whose registration has not been revoked, shall be required to register again under this Act, and his former registration shall be fully recognized under the provisions of this Act. All certificates heretofore issued and not revoked shall have the same force and effect as if they had been issued under the provisions of this Act, and shall be subject to the same rules, terms and conditions as are the certificates provided for in this Act.

Registrants of Other States—Registration by Endorsement
Section 7080. The Board may, upon application therefor, and the payment of a fee of Fifteen ($15.00) Dollars, 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 Council of State Boards of Engineering Examiners, or of the National Bureau of Engineering Registration, or of any State or territory or possession of the United States, or of any country, provided that the applicant's qualifications meet the requirements of this Act and the rules established by the Board.

Revocations—Reissuance of Certificates—Appeals
Section 7081. 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 engineering or land surveying as a Registered Professional Engineer or Land Surveyor.

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 three 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 thirty 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, three 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 or Land Surveyor.

The Board, for reasons it may deem sufficient, may reissue a certificate of registration to any person whose certificate has been revoked, providing three or more members of the Board vote in favor of such reissuance. 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 Three ($3.00) Dollars shall be made for such issuance.

Any person who shall feel aggrieved by any action of the Board in denying or revoking his certificate of registration may appeal therefrom to the Circuit Court, and after full hearing, said Court shall make such decree sustaining or reversing the action of the Board as to it may seem just and proper.

**Violations—Penalties**

Section 7082. Any person who shall practice, or offer to practice, engineering or land surveying in this State without being registered 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 names, 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 One Hundred ($100.00) Dollars, nor more than Five Hundred ($500.00) Dollars, or suffer imprisonment for a period not exceeding three months, or both.

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.

**Exemption—Registration Not Required**

Section 7083. This Act shall not be construed to prevent or to affect:

(a) The practice of any other legally recognized profession or trade; or

(b) The practice of 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 or land surveying, when such practice
does not exceed in the aggregate more than thirty days in any calendar year; PROVIDED, such person is **legally qualified by registration** to practice the said profession in his own State or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this Act; or

(c) The practice of 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 engineering or land surveying herein for more than thirty days in any calendar year, 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; PROVIDED, that such a person is **legally qualified by registration** to practice engineering or land surveying in his own State or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this Act. Such practice shall continue only for such time as the Board requires for the consideration of the application for registration; or

(d) The **work of an employee or a subordinate of a person holding a certificate of registration** under this Act, or an employee of a person practicing lawfully under Paragraphs (b) or (c) of this Section; PROVIDED, such **work does not include final designs or decisions and is done under the direct responsibility, checking, and supervision of a person holding a certificate of registration** under this Act or a person practicing lawfully under Paragraphs (b) or (c) of this Section; or

(e) The practice of officers and employees of the Government of the United States while engaged within this State in the practice of engineering or land surveying, for said government.

(f) The work or practice of a regular employee of a public service company, or public utility, by rendering to such company engineering service in connection with its facilities which are subject to regulation, supervision, and control, in order to safeguard life, health and property by the Public Service Commission of the State of South Carolina so long as such person is thus actually and exclusively employed and no longer.

Section 2. If any Section, or Sections, of this Act shall be declared unconstitutional or invalid, this shall not invalidate any other Section of this Act.

Section 3. All laws, or parts of laws, in conflict with the provisions of this Act shall be, and the same are hereby, repealed.

Section 4. This Act shall take effect upon its approval by the Governor.

Approved March 22, 1922.

Amended March 10, 1928.

Amended April 15, 1948.
State Board of Engineering Examiners
By-Laws and Rules of Procedure
Adopted September 14, 1922
Revised July 13, 1937
Revised June 25, 1946
Revised May 8, 1948
Revised July 12, 1948

Under the authority of an Act of the General Assembly approved by the Governor, March 22, 1922, and entitled an Act providing for the creation and establishment of a State Board of Engineering Examiners, etc., and an Act to amend Sections 7063-7084, inclusive, Code of Laws of South Carolina, 1942, Relating to the Registration of Engineers and Land Surveyors, approved by the Governor April 15, 1948, the following By-Laws and Rules of Procedure for the administration of said Act are hereby adopted.

Meetings—The Board will hold four meetings a year, spaced approximately three months apart, the dates to be selected by the Chairman and the Secretary. Special meetings may be called by the Chairman at his discretion or at the request of three members of the Board, provided that at least five days notice in writing be given to every member of the Board. Meetings will be held at such place as a majority of the Board may direct. A majority of the Board shall constitute a quorum.

Election and Duties of Officers—The officers of the Board shall be elected at the regular Summer meeting of the Board, and shall hold office until their successors are elected and qualified.

The Chairman, and in his absence the Vice-Chairman, shall perform the usual duties of this office.

The Secretary shall keep a careful record of all proceedings of the Board, act as custodian of all records, the seal, and other property and papers belonging to the Board. He shall prepare annually and submit to the Board a written report covering the transactions of the Board for the fiscal year immediately preceding, together with a list of all land surveyors and professional engineers registered under the authority of the Act, with their addresses and date of registration; and a complete statement of all receipts and expenditures for the fiscal year. This report will be signed by the Chairman and the Secretary and forwarded to the Governor and a copy filed with the Secretary of State, all of which as required by said Act.

The Secretary will be furnished such clerical assistance and paid such salary as the Board may direct.
The Secretary will give a surety bond in the sum of Three Thousand ($3,000.00) Dollars, as provided in the Act, said bond to be approved by the Board.

Seal of the Board—The seal of the Board shall be circular in form and 1 7/8 inches in diameter. Concentric with the outside of the seal there shall be a circle 1 1/4 inches in diameter, within which there shall be a replica of the device used on the Seal of the State of South Carolina, and in the annular space between the circle and the outside of the Seal there shall appear the words, “State Board of Engineering Examiners.” All official papers, registration certificates, and other formal documents of the Board shall bear the imprint of this Seal.

Seal of Registered Engineers and Land Surveyors—The seal of engineers and land surveyors registered by the Board shall be 1 9/16 inches in diameter and similar to that prescribed for the Board. In the center there shall appear the words, “Registered Professional Engineer”, in the case of engineers; the words, “Registered Land Surveyor”, in the case of land surveyors; and the words, “Registered Professional Engineer and Land Surveyor”, in the case of engineers and surveyors. In the space between the circle and the outside of the seal shall appear the words, “South Carolina” and the name of the registrant.

Annual Renewal Fees—All certificates of registration will expire on June 30 of each year unless renewed during the month of June in accordance with the provisions of the Act. On payment of the required annual renewal fee a renewal registration card will be issued to the registrant. The renewal fee for professional engineers shall be Three ($3.00) Dollars and the renewal fee for land surveyors shall be Two ($2.00) Dollars. In the case of a registrant who is registered as both professional engineer and land surveyor, only one fee of Three ($3.00) Dollars shall be required.

Applications for Registration—All applications for registration must be made on the forms provided by the Board. No application will be considered unless properly filled in and sworn to before an officer authorized to administer oaths.

Applications for registration must be filed with the Secretary at least thirty days in advance of a meeting of the Board in order to be considered at said meeting, and must in all cases be accompanied by the required fee.

In the case of a candidate who applies for registration as both professional engineer and land surveyor at the same time, only one application fee of Fifteen ($15.00) Dollars shall be required. The remaining Ten ($10.00) Dollars of the registration fee as professional engineer shall be paid when registration is approved.

Examinations—When oral or written examinations are required the candidate will be notified by the Secretary as to the time and place of the examination. Examinations shall be given
by the Board, or a Committee of the Board, or under the direction of the Secretary. In all cases final decision as to whether or not a candidate has passed an examination must be acted on by the full Board, or a quorum thereof.

Examination questions will be prepared by members of the Board or by qualified persons appointed by the Board to prepare and grade examination questions. When persons other than members of the Board are engaged to prepare and grade examination questions they shall be paid for their services such an amount as may be approved by the Board.

**Reinstatement of Expired Certificates**—Any registered professional engineer or registered land surveyor who submits to the Board an affidavit certifying that he has in no way practiced or offered to practice in South Carolina, professional engineering if an engineer, or land surveying if a land surveyor, during any registration year from July 1 to June 30, accompanied by a statement showing in detail all work performed during this period, may be exempted by the Board from payment of the annual renewal fee prescribed in Section 7078 of the Act, for the specific period stated in his affidavit, provided the application for reinstatement of registration is accompanied by the renewal fee for the current year.

**Registrants of Other States, Registration by Endorsement**—The Board may, upon application therefor, properly prepared on the prescribed form and the payment of the fee of Fifteen ($15.00) Dollars, issue a Certificate of Registration as a Professional Engineer to any person who holds a Certificate of Qualification issued to him by the National Bureau of Engineering Registration, or who is legally registered or licensed in any state or territory of the United States, or in any country, provided the applicant's qualifications meet the requirements of this Act and the rules established by the Board.
GENERAL INFORMATION

The National Headquarters of the National Council of State Boards of Engineering Examiners is located in Columbia and the office is operated jointly with the South Carolina Board. The membership of the National Council is composed of fifty-one Member Boards including all the states and Alaska, Hawaii, and Puerto Rico. There are approximately 150,000 registered professional engineers in the United States.

The office of the National Council will furnish upon request any specific information that is available regarding the legal registration or licensing of professional engineers. However, the following is the information generally required.

Engineers who wish to secure legal registration or license in any particular state must communicate directly with the state board or department in that state and request its application form and regulations.

The District of Columbia is the only section in this country which does not have a registration or license law. Alaska, Hawaii, Puerto Rico and the Provinces of Canada have registration laws regulating the practice of engineering.

Registration or license in one state, or certification by the National Bureau of Engineering Registration, does not permit or authorize the practice of engineering in other states. However, most states grant registration to registrants of other states, or temporary permits to practice, provided they first comply with the regulations of those states and have the required qualifications.

The registration laws of all states are not uniform due to local conditions, date of adoption, etc.; however, most laws require either graduation in an accredited engineering curriculum, or a written engineering examination, or adequate and satisfactory engineering experience, or a combination of these.

Registered engineers who require registration or license in several states will find that their application for registration is greatly expedited and, in most cases, promptly approved when they have been certified by the National Bureau of Engineering Registration and endorsed by their State Board of Registration. This service to professional engineers is one of the functions of NCSBEE and the “Information Pamphlet” of the Registration Bureau containing the procedure, requirements and fees can be secured from the Executive Secretary.
The definitions of a Professional Engineer and of the Practice of Engineering contained in the Model Law approved and endorsed by thirteen of the principal national engineering organizations are as follows:

"The term professional engineer within the meaning and intent of this Act shall mean a person who, by reason of his special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and design, acquired by professional education and practical experience, is qualified to practice engineering as hereinafter defined, as attested by his legal registration as a professional engineer.

"The term practice of engineering within the meaning and intent of this Act shall mean any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and supervision of construction for the purpose of assuring compliance with specifications and designs, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects.

"A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this Act, who practices any branch of the profession of engineering; or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a professional engineer, or through the use of some other title implies that he is a professional engineer; or who holds himself out as able to perform, or who does perform, any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as engineering."

Legal Basis for Registration

"Regulation of the professions comes under the police powers of the state. Wherever the public health and public safety are involved or where property or personal rights are endangered, the state may interfere to protect its citizens.

"Practically every design, every operation and every process undertaken by the engineer has public implications. If he builds a bridge, designs a dynamo, constructs a steam turbine or develops
a process he must consider the safety of the user and the general public. If he builds a water supply, installs air conditioning units, builds a reduction plant or lights a building, the public health and public safety are involved. Engineering, therefore, comes under the police powers of the state.

"Registration is achieved in two ways, either by protecting the use of the title or by regulating the actual practice of the profession. Both methods have been declared constitutional by state courts." (Excerpt from "Information for Engineering Students" by N. W. Dougherty.)
MEMBER OF SOUTH CAROLINA BOARD HONORED

Resolution of Recognition and Appreciation

To

T. Keith Legare

Whereas, the 27th Annual Meeting of the National Council of State Boards of Engineering Examiners, August 26-28, 1948, at Salt Lake City, Utah, marks the occasion of the completion of a quarter century by T. Keith Legare as its Executive Secretary, and

Whereas, the National Council of State Boards of Engineering Examiners wishes to express its high personal esteem and to record its sincere tribute to T. Keith Legare for the excellent service he has rendered to the Council and the leadership he has given to the engineering profession, and

Whereas, he has had a long record of professional accomplishment as an engineer in private practice, and by active participation in professional activities has contributed much toward the attainment of an increasingly higher standard in the profession; therefore, be it

Resolved, That the National Council of State Boards of Engineering Examiners herein expresses its sincere appreciation and thanks to T. Keith Legare for his excellent service to the Council during the past twenty-five years, and for his leadership in the profession during this period.

Presented this 28th of August, 1948, Salt Lake City, Utah
Faith of the Engineer

I am an Engineer. In my profession I take deep pride, but without vainglory, to it I owe solemn obligations that I am eager to fulfill.

As an Engineer, I will participate in none but honest enterprise. To him that has engaged my services, as employer or client, I will give the utmost of performance and fidelity.

When needed, my skill and knowledge shall be given without reservation for the public good. From special capacity springs the obligation to use it well in the service of humanity; and I accept the challenge that this implies.

Jealous of the high repute of my calling, I will strive to protect the interests and the good name of any engineer that I know to be deserving; but I will not shrink, should duty dictate, from disclosing the truth regarding anyone that, by unscrupulous act, has shown himself unworthy of the profession.

Since the Age of Stone, human progress has been conditioned by the genius of my professional forebears. By them have been rendered usable to mankind Nature's vast resources of material and energy. By them have been vitalized and turned to practical account the principles of science and the revelations of technology. Except for this heritage of accumulated experience, my efforts would be feeble. I dedicate myself to the dissemination of engineering knowledge, and especially, to the instruction of younger members of my profession in all its arts and traditions.

To my fellows I pledge, in the same full measure I ask of them, integrity and fair dealing, tolerance and respect, and devotion to the standards and the dignity of our profession; with the consciousness, always, that our special expertness carries with it the obligation to serve humanity with complete sincerity.
### Roster of Registered Professional Engineers

**Authorized to Practice Engineering in the State of South Carolina, as of August 1, 1949**

Key to abbreviations: C.E., Civil Engineer; E.E., Electrical Engineer; E.M., Mining Engineer; M.E., Mechanical Engineer; L.S., Land Surveyor; N.A., Naval Architect.

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<td>ADAMS, DAVID G., Engineer, Layne Atlantic Co.</td>
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<td>C.E.,L.S.</td>
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BLACKMON, H. J.,
Surveys and Plans Engineer
P. O. Drawer 191, C.E., L.S. 7-13-37 446
State Highway Department
Columbia, S. C.
BLACKSTONE, A. L., Jr.,
Instructor
University of S. C.
BLACKWELDER, C. DAVIS,
Vice-Pres., in Charge of Eng., C.E., M.E. 6-22-26 306
Reynolds Metals Bldg.,
Richmond, 19, Va.
BLAKELY, THOMAS EARL,
615 Trust Co. of Ga. Bldg., E.E. 12-3-47 929
Elec. Engr., Newcomb & Boyd
Atlanta, Ga.
BLASDALE, RICHARD H.,
53 State St., M.E. 7-22-49 1104
H. E. Stocker Assoc., Inc.
BOLTON, A. P.,
P. O. Box 627,
Secretary, Mocasphalt Corp.
Chesnee, S. C.
BOONE, L. C.,
Box 122, C.E. 6-29-48 956
L. C. Boone & Co.
BOYD, SPENCER W.,
N. Charleston, S. C.
Newcomb & Boyd
BOROM, SAMUEL T., R. B. Simms Filter Plant
Engr., Yeamans Hall Club C.E., L.S. 7-11-33 383
BOWEN, WILLIAM C., RFD No. 2,
Engr.-Chemist, Spartanburg Water Works
Chesnee, S. C.
BOYD, SPENCER W.,
615 Trust Co. of Ga. Bldg., E.E. 7-27-49 1099
Newcomb & Boyd
Atlanta, Ga.
BOZEMAN, F. B.,
P. O. Box 960, E.E. 12-3-35 407
Electrical Dept., J. E. Sirrine Co., Engrs.
Greenville, S. C.
BRANDT, ERNST H., Jr., P. O. Box 1292,
Pres., Reliance Engineering Co., Inc.
Charlotte, N. C.
BRAUNGART, GEORGE, Jr.,
611 Bona Allen Bldg., M.E. 12-4-45 671
Pres., Engineering Contractors, Inc.
Atlanta, Ga.
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<td>1020 South St.,</td>
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CHAPMAN, C. C.,
U. S. Soil Conservation Service

CHAPMAN, FRANCIS W.,
Supt., Commissioners of Public Works

CHAPMAN, JOHN L.,
Ralph E. Loper Co.

CHAPMAN, ROBERT H.,
Vice-Pres., Inman Mills & Riverdale Mills

CHASE, SANBORN,
Vuleraft Corp.

CHEVES, C. LANGDON,
Daniel Construction Co.

CHISOLM, EDWARD N.,
Lt. Col. (Retired), U. S. Engineer Corps

CHITTY, FLOYD C., Jr.,
Sonoco Products Co.

CHRISTENSEN, ARTHUR O.,
Surveyor

CLOWE, R. D.,

COLEMAN, J. HEARST,
J. Hearst Coleman Co., Engrs.

COLLINS, ROBERT S.,
Dept. of Public Works

COMMANDER, A. C.,
Partner, Berlowitz & Commander

COSBY, JOHN C.,

COULTER, RICHARD R.,
Coulter & Company

P. O. Box 960,
Greenville, S. C.
The Center,
Charleston, S. C.
704 North St.,
Greenwood, S. C.
500 Woodside Building,
Greenville, S. C.
P. O. Box 1714,
Spartanburg, S. C.
420 N. Irby St.,
Florence, S. C.
P. O. Box 2087,
Greenville, S. C.
Route 1,
Eastover, S. C.
Beaufort, S. C.
716 Newberry St.,
Aiken, S. C.
248 Jennings Ave.,
Greenwood, S. C.
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1916 North Broadway,
Oklahoma City, Okla.
University of S. C.,
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2921 Main St.,
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DANIEL, Wm. LOWNDES, Jr.,
Civil Engineer

DAWSON, LOUIS Y., Jr.,
Partner, Dawson Engineering Co.

DEAN, FRANCIS F.,
J. E. Sirrine Co.

DEHAMEER, JANUS R.,
Shakespeare Co.

DENT, WILLIAM E., Jr.,
The Springs Cotton Mills

DETWILER, ALBERT L.

DEVER, HARRY C.,
Sales Engineer, Copperweld Steel Co.

DIBBLE, GEORGE L., Jr.,
S. C. Power Co.

DIBBLE, WORTHAM W.,
Partner, Smith, Dibble & Co.

DICKSON, W. K.,
Pres., W. K. Dickson Co.

DILL, ROBERT C.,
Executive Staff Engineer, Reynolds Metals Co.

Box 147,
Greenwood, S. C.

C.E. 12-7-37 449

Ferguson Bldg.,
Cleveland, 14, Ohio

C.E. 4-24-46 732

1420 Walnut St.,

M.E. 6-20-45 655

1401 Hampton St.,
Columbia, S. C.

C.E. 9-23-48 1014

141 Meeting St.,
Charleston, S. C.

E.E. 6-29-48 977

231 S. LaSalle St.,
Chicago, 4, Ill.

M.E.,C.E.,L.S. 6-20-44 619

10 Gillon St.,
Charleston, S. C.

C.E.,L.S. 3-22-23 101

P. O. Box 960,
Greenville, S. C.

E.E.,M.E. 7-10-34 396

P. O. Box 5207,
Columbia, S. C.

M.E. 11-19-48 1043

Lancaster, S. C.

E.E. 6-29-48 981

2711 Wilmot Ave.,
Columbia, S. C.

C.E.,L.S. 6-25-47 862

1734 Candler Bldg.,
Atlanta, 3, Ga.

C.E. 12-4-45 695

141 Meeting St.,
Charleston, S. C.

E.E. 6-29-48 978

1313 Marion St.,
Columbia, 23, S. C.

C.E. 6-17-41 552

40½ S. Tryon St.,
Charlotte, N. C.

C.E.,L.S. 7-8-30 351

Reynolds Metals Bldg.,
Richmond, 19, Va.

M.E.,E.E. 6-20-44 620
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<td>Route 1, Taylor's, S. C.</td>
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<td>542 King St., Charleston, S. C.</td>
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<td>DOAR, WILLIAM R.</td>
<td>Box 1551, Raleigh, N. C.</td>
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<td>21 Augusta St., Greenville, S. C.</td>
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<td>DOTTERER, E. GAILLARD</td>
<td>12 Exchange St., Charleston, S. C.</td>
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<td>DOUGHTIE, CHARLES E., Jr.</td>
<td>96 Poplar St., N. W., Atlanta, Ga.</td>
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<td>DREYFUS, SAM C.</td>
<td>Box 5185, Five Pts. Sta., Columbia, S. C.</td>
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<td>136 Oak St., Darlington, S. C.</td>
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<td>DUKES, DANIEL F., Jr.</td>
<td>Wright-Patterson Air Force Base Dayton,</td>
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<td>DUKES, ROBERT C.</td>
<td>7 1/2 Cedar Terrace, Columbia, S. C.</td>
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<td>164 Broad St., N. W., Orangeburg, S. C.</td>
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DUNCAN, DANIEL T.,
Owner, American Construction Co.
DURLACH, MARCUS R., Jr.
Assoc. Prof., University of S. C.
EADDY, ERNEST J.,
Engineer, The Textile Shop
EARLE, SAMUEL B.,
Dean, School of Engineering, Clemson College
EASLEY, CURRAN S.,
Black and Easley
EASLEY, ROBERT L.,
Engr., Supvr., Dixie Engineering Company
EDWARDS, ERNEST E., Jr.,
Partner, Barber, Keels & Associates, Inc.
ELLISON, CLARENCE H., Jr.,
Southern Cement Co.
EMERICK, ROBERT H.
EMERSON, L. A.,
Sec., Barber, Keels & Associates, Inc.
ENDLEIN, CARL,
Industrial Heating Engrg. Co.
ENGLERT, JOHN P.,
Charleston Naval Shipyard
EPTING, ROBERT B.,
J. E. Sirrine Co.
ERVIN, A. L.,
Civil Engineer and Land Surveyor
ETHRIDGE, EUGENE S.
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<td>601 W. 26th Street</td>
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<td>FELKEL, ST. ELMO</td>
<td>10 Court House Square, Charleston, S. C.</td>
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FRANK, ALVIN L.,
Professor
FRANK, J. N.
FRANTZ, LUTHER M.,
Cummins-Hart Const. Co.
FRICK, DANIEL F.,
Construction Engr. S. C. State Board of Health
FRIEDMAN, EDMUND,
Vice-Pres., M. H. Connell & Associates
FRY, E. D.,
Supt., Greater Greenville Sewer District
FUCK, E. MONTFORD,
Associate Engr., Harza Engineering Co.
FURMAN, THOMAS deS.,
Associate Engr., Quattlebaum Engineering Co.
FUSSELL, J. A., Jr.,
Partner, Harper & Fussell
GAILLARD, J. P.,
Gaillard & Gaillard
GAMBILL, RUSSELL F.,
Supervising Engr., Daniel Construction Co.
GANDY, R. B.
GANTT, WILLIAM D.,
S. C. State Board of Health
GARETY, J. H.,
Purchasing Agent, S. C. State Ports Authority
GASKIN, GROVER C.,
J. E. Sirrine Co.
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<td>Major, Air Installation Officer</td>
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<td>GILDELAND, JACK E.</td>
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<td>GLENN, H. E.</td>
<td>701 S. McDuffie St., L.S.</td>
<td>Vice Director-Engr., Exp. Sta., Clemson College</td>
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<td>701 S. McDuffie St., L.S.</td>
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<td>Vice-Pres., Suwannee Fruit &amp; Steamship</td>
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<td>P. O. Box 960, Greenville, S. C.</td>
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<td>GUERRY, DuPONT, Jr., Vice-Pres. &amp; Treas., Huntington &amp; Guerry Electric Co.</td>
<td>80 Federal St., Boston, Mass.</td>
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<td>Box 832, Charleston, S. C.</td>
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<td>627 Front St., Georgetown, S. C.</td>
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<td>1321 Bull St., Columbia, S. C.</td>
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<td>101 Park Ave., New York, 17, N. Y.</td>
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Calhoun Falls, S. C.  E.E.  3-22-23  137
c/o Drayton Mills,  M.E.  12-4-46  803
Spartanburg, S. C.  629
284 Techwood Dr., N. W.,  C.E.  12-5-44
Atlanta, Ga.  475
400 W. Madison St.,  C.E., E.E., L.S.  12-6-38  475
Chicago, 6, Ill.  1015
P. O. Box 960,  Ch.E.  9-23-48
Greenville, S. C.  136
246 Green Street, N.E.,  C.E., L.S.  3-22-23
Orangeburg, S. C.  760
P. O. Box 960,  C.E., L.S.  6-25-46
Greenville, S. C.  883
Lancaster, S. C.  6-25-47
Naval Supply Depot,  M.E.  6-15-43
Bayonne, N. J.  606
Greenwood, S. C.  12-3-40  543
Calhoun Office Bldg.,  C.E., L.S.  6-26-46  770
Columbia, S. C.  775
Calhoun Office Bldg.,  C.E., L.S.  6-26-46
Columbia, S. C.  372
329 Wade Hampton Bldg.,  E.E., M.E.  12-1-31
Columbia, 10, S. C.  901
Columbia, S. C.  3-22-23  121
Box 4787,  C.E.  3-22-23
Jacksonville, Fla.
HIGGINS, RANDOLPH C.,
Higgins Engineering Co.
HIGHTOWER, CHARLES L., Jr.,
S. C. Highway Dept.
HILL, BURROW,
HILL, FRANK,
Associate, George Hill, Engr.
HILL, GEORGE,
George Hill, Engineer
HILLS, GEORGE B.,
Reynolds, Smith & Hills
HILLS, ROBERT S.,
State Highway Dept.

HINES, JOE DAVIS
General Contractor
HIPP, JOHN C.,
Engr., Lockwood-Greene Engrs., Inc.
HOBART, THOMAS F.,
Southern Amiesite Asphalt Co.
HOLLISTER, EDMUND W.,
The Austin Company
HOLLOWELL, JAMES R.,
Southern Mapping & Engrg. Co.
HOLLYFIELD, JOHN B.,
John B. Hollyfield, Consulting Engr.
HOLMAN, A. E.,
A. E. Holman & Sons, Engrs.
HOOVER, JAMES H.,
State Board of Health
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<td>HUTTO, WALTER C.</td>
<td>835 Meeting St., W. Columbia, S. C.</td>
<td>C.E.,L.S.</td>
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<td>JACKSON, JOHN M., Jr.</td>
<td>P. O. Box 522, Bennettsville, S. C.</td>
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<td>JENNINGS, CARSON G.</td>
<td>Room 911, 111 Corcoran St.</td>
<td>C.E.</td>
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<td>JERVEY, E. D.</td>
<td>63 Lenwood Blvd.,</td>
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<td>JOHNSON, ALBERT E.</td>
<td>207 Creason Bldg.,</td>
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<td>1226 Sumter St.,</td>
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<td>JOHNSON, R. C.</td>
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<td>1292 Main Street,</td>
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<td>KERR, WILLIAM E.</td>
<td>The Citadel,</td>
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<td>KEY, JOHN C.</td>
<td>328 Main Street,</td>
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<td>KILLIAN, JOHN M.</td>
<td>1292 Main Street,</td>
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KING, JAMES N., Jr.,
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C.E. 12-3-46 821
C.E. 6-25-47 876
M.E. 6-29-48 952
L.S. 12-2-47 915
C.E. 9-23-48
C.E. 11-19-48 1050
C.E.,L.S. 12-5-44 639
C.E.,L.S. 5-2-44 156
C.E.,M.E.,L.S. 3-22-23 157
M.E. 1-7-48 944
E.E. 12-2-47 918
L.S. 12-3-47 909
C.E. 9-23-48
C.E. 6-13-49 1076
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210 West St., Beaufort, S. C. C.E. 12-3-35 413

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1274 Stillwood Dr., N. E., Atlanta, 6, Ga. M.E. 11-9-39 495
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<tr>
<td>Lindstrom, Donald F.</td>
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<td>M.E.</td>
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<td>Loughlin, James A.</td>
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</table>
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Aiken, S. C. C.E.L.S. 12-2-24 287
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1630 Laurel St., Columbia, S. C. M.E. 6-18-40 523
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C.E.,L.S. 6-19-23 274

MILLARD, M. K.,  
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MILLARD, M. K.,  
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E.E. 6-20-39 489

MILLER, ROBERT A.,  
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MILLS, WILLIAM H.,  
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MIMS, HARRY M.,  
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MITCHELL, NATHANIEL M.,  
Pres., Barnes Textile Assoc., Inc.  
10 High St., 
Boston, Mass.  
M.E. 12-2-41 572
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<td>MITER, H. F.</td>
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<td>31 St. James Ave., Boston, 16, Mass.</td>
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<td>MORGAN, BENJAMIN A., Jr.</td>
<td>627 E. Main St., Rock Hill, S. C.</td>
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<td>MURPHY, WILLIAM P.</td>
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Sales Engineer

ROWE, GILBERT H., Sr.,
Str. Engr., Wm. G. Lyles, Bissett,
Carlisle & Wolff, Archs.

ROWE, ROBERT R.,
Chief Engineer, Montgomery Ward & Co.

ROWE, WALTER E.,
Walter E. Rowe & Associates

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1609 Lindell Rd.,
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C.E. 12-7-37 448
C.E. 3-22-23 239
E.E. 12-5-45 686
M.E. 4-19-46 733
C.E. 12-2-47 932
E.E., M.E. 12-29-47 943
C.E. 12-3-47 917
C.E. 6-22-49 1080
M.E. 6-21-38 466
M.E. 6-25-47 894
C.E. 7-22-49 1087
C.E. 7-9-35 409
C.E. 12-1-25 298
C.E., L.S. 12-5-45 684
L.S. 6-20-44 624
C.E. 11-19-48
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<th>Address</th>
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<td>RUSKAMP, WILLIAM H.</td>
<td>1715 W. 94th St.</td>
<td>Chicago, Ill.</td>
<td>12-6-38</td>
<td>471</td>
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<td>RUTLEDGE, JAMES R.</td>
<td>P. O. Box 270</td>
<td>Greenville, S.C.</td>
<td>7-9-35</td>
<td>401</td>
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<td>SALGO, MICHAEL N.</td>
<td>New York, N.Y.</td>
<td></td>
<td>6-16-42</td>
<td>582</td>
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<td>SALLEY, EDWARD C.</td>
<td>Field Engr., S.C. Public Service Commission</td>
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<td>SAMS, JAMES H.</td>
<td>Clemson, S.C.</td>
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<td>12-5-29</td>
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<td>SATER, OLA T.</td>
<td>Pennsylvania Station</td>
<td>C.E.</td>
<td>6-25-46</td>
<td>757</td>
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<td>SAWYER, BEVERLY H.</td>
<td>New York, 1, N.Y.</td>
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<td>6-18-40</td>
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<td>SCHACHT, WILLIAM L.</td>
<td>1706 Highmarket St.</td>
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<td>SCHRODER, FREDERICK E.</td>
<td>152 Grove St.</td>
<td>Charleston, S.C.</td>
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<td>SCHWEITZER, R. R., Sr.</td>
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<td>938</td>
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<td>SCOTT, ARTHUR L.</td>
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<td>Columbia, S.C.</td>
<td>7-22-49</td>
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<td>SCRUGGS, J. Y.</td>
<td>P. O. Box 728</td>
<td>Rock Hill, S.C.</td>
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SEARS, ALDEN J.,
S. C. Public Service Comm.
329 Wade Hampton Bldg.,
Columbia, S. C.
E.E. 6-29-48 990

SHAND, GADSDEN E., Jr.,
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673

SITTON, JOSEPH J.,  
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SLIGHT, H. L.,  
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207

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648

SMITH, CHARLES J.,  
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Ch.E.  
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782

SMITH, ELROY G.,  
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7-10-28  
326

SMITH, FREDERICK A.,  
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588

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SMITH, WILBUR S.,  
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551

SMOAK, RALPH A.,  
Union Bag & Paper Co.  
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1-27-49  
1072

SNOWDEN, B. E. B.,  
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6-18-40  
521

SPEER, GEORGE M.,  
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E.E.  
6-25-46  
766

SPEIGHTS, JAMES M.,  
W. E. Raines Co.  
14 Seventh St.,  
Augusta, Ga.  
C.E.  
12-5-45  
687

SPELLMAN, J. F.,  
Eng., J. E. Sirrine Co.  
P. O. Box 960,  
Greenville, S. C.  
C.E., M.E.  
3-22-23  
204
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<td>SPERRY, SAMUEL M.</td>
<td>412 Washington St., Reading,</td>
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<td>STALL, A. NEWTON</td>
<td>P. O. Box 2125, Greenville,</td>
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<td>STANFORD, ALAN G.</td>
<td>96 Poplar St., Atlanta, Ga.</td>
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<td>STEPHENS, JAMES H.</td>
<td>433 Wade Hampton Bldg.,</td>
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<td>479</td>
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<td>STEWMAN, JOHN A., Jr.</td>
<td>Box 1378, Charlotte, N. C.</td>
<td>C.E.</td>
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<td>STIPP, ROY A.</td>
<td>P. O. Box 1796, Greenville,</td>
<td>M.E.</td>
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<td>STOKELY, MURRAY M.</td>
<td>P. O. Box 960, Greenville, S.</td>
<td>E.E.</td>
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<td>STOKES, HERBERT</td>
<td>1511 Idalia Rd., Columbia, 58</td>
<td>L.S.</td>
<td>12-4-45</td>
<td>665</td>
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<td>STOUT, RUSSELL H.</td>
<td>16112 Euclid Ave., Cleveland,</td>
<td>M.E.</td>
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<td>685</td>
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<td>STRAUS, FERDINAND N.</td>
<td>16112 Euclid Ave., Cleveland,</td>
<td>M.E.</td>
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<td>STRAWN, FLOYD L.</td>
<td>P. O. Box 2724, Charlotte, 1,</td>
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<td>STROBEL, PETER A.</td>
<td>Box 2178, Charlotte, N. C.</td>
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<td>STUART, BURTON B.</td>
<td>55 W. 45th St., New York, 19,</td>
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<td>SUDLOW, HARRY</td>
<td>2117 Barnwell Ave., Aiken, S.</td>
<td>C.E., E.E.</td>
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<td>SUTHERLAND, JAMES F.</td>
<td>The McPherson Company</td>
<td>P. O. Box 2366, Greenville, S. C.</td>
<td>C.E. 6-29-48 987</td>
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<td>SUTTON, H. N.</td>
<td>City Hall, Charlotte, N. C.</td>
<td>City Hall, Charlotte, N. C.</td>
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<td>SWANNELL, HORACE C.</td>
<td>P. O. Box 960, Greenville, S. C.</td>
<td>P. O. Box 960, Greenville, S. C.</td>
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<td>TAYLOR, ROGER</td>
<td>Peoples Bldg., Charleston, S. C.</td>
<td>Peoples Bldg., Charleston, S. C.</td>
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<td>THOMAN, CHARLES A.</td>
<td>Walterboro, S. C.</td>
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<td>THOMAS, HUGUENIN, Jr.</td>
<td>112 Church St., N.E., Orangeburg, S. C.</td>
<td>112 Church St., N.E., Orangeburg, S. C.</td>
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<td>THOMAS, HUGHENIN, Jr.</td>
<td>204 East Bay St., Savannah, Ga.</td>
<td>204 East Bay St., Savannah, Ga.</td>
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<td>THOMPSON, WESLEY F., Jr.</td>
<td>1225 Huger St., Columbia, S. C.</td>
<td>1225 Huger St., Columbia, S. C.</td>
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<td>TINDALL, W. P.</td>
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TOMLINSON, HENRY H.,
Partner, Widdicombe Engineering Co.
117 South 17th St., Philadelphia, 3, Pa.
C.E. 6-20-45 650

TOMLINSON, W. S.,
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TURBEVILLE, W. R.,
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UHL, WILLIAM F.,
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C.E. 12-7-43 614

URQUHART, JAMES B.
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VAN ATTA, FRED F.,
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VANN, EUGENE J.,
Lockwood Greene Engrs., Inc.
218 W. Second St., Charlotte, 2, N. C.
C.E. 6-20-39 488

VANNORT, B. O.,
Owner, B. O. Vannort, Engr.
218 W. Second St., Charlotte, 2, N. C.
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<td>VEATCH, NATHAN T.,</td>
<td>4706 Broadway,</td>
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<td>207 Creason Bldg.,</td>
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<td>Box 1940,</td>
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<td>P. O. Box 1116,</td>
<td>C.E.,L.S.</td>
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<td>Barber, Keels &amp; Assoc., Inc.</td>
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<td>3024 Blanding St.,</td>
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<td>Owner, Walker Laboratory</td>
<td>Columbia, S. C.</td>
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<td>1900 Blanding St.,</td>
<td>C.E.,L.S.</td>
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<td>President-Treas., Stubblefield &amp; Walker, Inc.</td>
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<td>WALLACE, W. G.,</td>
<td>242 Old Custom House,</td>
<td>C.E.</td>
<td>6-19-23</td>
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<tr>
<td>Commander, U. S. Coast Guard</td>
<td>St. Louis, Mo.</td>
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<td>WALLACE, WILLIAM M., II, Consulting Engineer</td>
<td>126 East Parrish St.,</td>
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<td>WANNAMAKER, H. L.,</td>
<td>5 Halsey St.,</td>
<td>C.E.</td>
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<td>Foreman, Southeastern Construction Co.</td>
<td>Charleston, 16, S. C.</td>
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<td>WANNAMAKER, W. W., Jr., Pres., Wannamaker &amp; Wells, Inc.</td>
<td>P. O. Box 542,</td>
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<td>WARDLAW, J. G.,</td>
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<td>Contractor</td>
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<td>WARREN, ROBERT M., Jr.,</td>
<td>Box 1755,</td>
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<td>Buensod-Stacey, Inc.</td>
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WHITING, WILLIAM S., Jr.,
Whiting Products Co.

WIEDEMAN, H. F.,
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M.E. 6-25-46 754

C.E. 6-23-25 294

C.E. 3-22-23 224

C.E. 12-4-45 637

C.E. 9-27-46 798

C.E. 6-26-46 776

C.E.,L.S. 3-12-46 727

M.E. 12-2-47 942

C.E. 6-3-46 735

C.E.,L.S. 3-22-23 229

C.E. 8-7-44 627

C.E.,L.S. 3-22-23 234

M.E. 7-12-27 319

C.E.,L.S. 12-5-22 62

C.E. 12-5-44 631
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Partner, Wooten & Wooten,
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215 Latta Arcade,
Charlotte, N. C.
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C.E. 12-3-30 365
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C.E. 6-29-48 985

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C.E. 9-14-22 5

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L.S. 12-6-38 473

WORTHY, HOOD C.,
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C.E. 6-20-44 205

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C.E. 6-29-48 985

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Chester, S. C.
C.E. 12-3-30 365
Montgomery Bldg.,
Spartanburg, S. C.
C.E. 6-29-48 985

YOUNGBLOOD, A. B.,
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518 Wappoo Drive,
Charleston, 43, S. C.
L.S. 12-6-38 473

# Roster of Registered Land Surveyors

Authorized to Practice Land Surveying in the State of South Carolina, as of August 1, 1949

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<td>119 Cleveland St., Greenville, S.C.</td>
<td>9-23-48</td>
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<td>ALLEN, JOHN H., 2nd, C. &amp; W. C. Rwy.</td>
<td>134 East Bay St., Charleston, S.C.</td>
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<td>Box 304, Conway, S. C.</td>
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<td>BRADHAM, PRESTON E., S. C. Highway Dept.</td>
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<td>BREWER, RAYMOND G., Corps of Engrs., Clark Hill Dam</td>
<td>411 W. Forest Ave., N. Augusta, S. C.</td>
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CULCLASURE, JACOB O., Jr.,
Instr., University of S. C.
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West Columbia, S. C. 12-3-47 907

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ELLIS, RALPH H.
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Andrews, S. C.

HARRELL, GRADY S.,
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RFD No. 1,
Shannon, N. C.

Member, N. C. State Board of Registration
for Engineers and Land Surveyors

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<td>HAZLEHURST, WILLIAM Y.</td>
<td>Forest Acres, Columbia, S. C.</td>
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<td>3-13-46</td>
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<td>HERNDON, CHARLES H., Jr.</td>
<td>Project Engr., S. C. Highway Dept.</td>
<td>208 Moore St., Greenwood, S. C.</td>
<td>12-3-40</td>
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LESLIE, THOMAS J.,
Prof. of Math., Erskine College
Due West, S. C. 12-6-38 472

LINDER, THOMAS T.,
Land Surveyor
R.F.D. No. 1, Spartanburg, S. C. 3-22-23 154

LOFTIS, D. N.,
Veteran Instr., Inman High School
Box 246, Inman, S. C. 9-23-48 1005

LOWN, ARDIS L.

MARETT, ROBERT H.,
White & Marett
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McLURE, JOHN W., Jr.
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McMEEKIN, ROBERT P.
Jenkinsville, S. C. 6-29-48 968

McMILLAN, CLAUDE R., Jr.
Instructor

METTS, WILLIAM T.,
State Highway Dept.
Box 551, Pickens, S. C. 12-3-47 914

MONROE, M. M.
Latta, S. C. 6-2-38 467

MOORE, HAROLD A.
15 Broad St., Charleston, S. C. 7-8-30 359

MORGAN, DAVIS S.,
Fairfield Forest Products Co.
Box “S”, Edgefield, S. C. 12-3-47 911

MORGAN, J. PHILIP,
Land Surveyor, Real Estate, Insurance
P. O. Box 11, Moncks Corner, S. C. 6-15-43 599

MORRIS, S. C.
Rt. 2, Conway, S. C. 12-5-33 389
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SPARKS, CLAUDE E.

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Southern Mapping & Engrg. Co.

STRAIT, JACOB F.

SYKES, WILLIAM B.

TATUM, JOHN M.

TOOLE, S. PERRIN

TURKETT, WARREN D.,
Land Surveyor

VINCENT, HENRY O.,
Corps of Engrs., U. S. Army

WATERS, BENJAMIN B., Jr.,
Cunningham-Waters Construction Co.

WELBORN, THOMAS M.,
Asst. City Engr., City of Greenville

WHITE, WILLIAM C.,
White and Marett

WILKES, DAWSON J.,
State Highway Dept.

WILLIAMS, HERMAN J.,
West Va. Pulp & Paper Co.

WILSON, MARVIN E., Jr.,
Southern Railway Co.

WILSON, P. B., Jr.

WINGFIELD, WILLIAM,
Surveyor-Partner, Wingfield & Rudisill

WINTER, JAMES A.,
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ROUTE 2,
Union, S. C.
Box 1185, 6-21-48 973
Greensboro, N. C.
Box 322, 12-3-47 908
Lancaster, S. C.
Manning, S. C.
Bamberg, S. C.
Box 18, 6-18-40 518
Aiken, S. C.

Soil Conservation Service Office,
Lancaster, S. C.
P. O. Box 905, 6-26-47 855
Charleston, S. C.
P. O. Box 325, 7-22-49 1098
Greer, S. C.

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Greenville, S. C.
258 E. White St., 11-19-48 1033
Rock Hill, S. C.
Darlington, S. C.

Box 832, 9-23-48 995
Charleston, S. C.
P. O. Box 180, 6-26-47 857
Charlotte, N. C.
Westminster, S. C.
4040 Trenholm Rd., 6-27-46 752
Columbia, S. C.
307 Crayton St., 3-22-23 227
Anderson, S. C.
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<td>YOUNGBLOOD, GEORGE L.</td>
<td>Partner, Youngblood &amp; Co.</td>
<td>518 Wappoo Drive, Charleston, 43, S. C.</td>
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<td>YOUORSKI, JOSEPH</td>
<td>Fairfield Forest Products Co.</td>
<td>Box 253, Newberry, S. C.</td>
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# Roster of Engineers-in-Training

Candidates for registration who have successfully passed the examination in fundamental engineering subjects prior to completion of the requisite years of experience in engineering work and have been enrolled as ENGINEERS-IN-TRAINING

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<td>Southern Bell Tel. &amp; Tel. Company</td>
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<td>BAKER, JOHN LEWIS</td>
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<td>7-12-49</td>
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<td>BEATY, FRANK EWING, Jr.,</td>
<td>East Pittsburgh, Pa.</td>
<td>7-12-49</td>
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<td>Westinghouse Electric Corp.</td>
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<td>BECKER, MARION CHARLES</td>
<td>922 South Anna, Stuttgart, Ark.</td>
<td>7-12-49</td>
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<td>BEISEL, GEORGE EDWARD, Jr.</td>
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<td>BENNETT, ALBERT DERRELL, Jr.</td>
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Apt. 35, Bldg. 24,
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<td>22 Woodvale Ave., Greenville, S. C.</td>
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<td>P. O. Box 905, Charleston, S. C.</td>
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211 Shuler St., 8-17-49 181
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HOTINGER, CHARLES WALTON,
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301 S. Walker St., 7-12-49 79
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HUNTER, SAMUEL MARVIN, Jr.,
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P. O. Box 960, 7-12-49 157
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IRWIN, WALLACE REINHARDT
269 W. Hampton Ave., 7-12-49 136
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JOHNSTON, LAWTON LIPSCOMB
Box 374,
Greenville, S. C.

JONES, OLIVER BOYCE,
Southern Bell Tel. & Tel. Co.
200 Tindal Avenue,
Greenville, S. C.

KAVEN, WILBUR V.
143 Moultrie St., 7-12-49 118
Charleston, S. C.

KENDALL, JACK SPRUILL
Allstates Constructors, Inc.
298 Jackson Avenue, 1-27-49 7
North Augusta, S. C.

KHARE, FRANK CORNELIUS
4 Tradd St., 4-11-49 48
Charleston, S. C.

KIVETT, ROGER GENTRY
210 Walnut St., 7-12-49 174
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KLICK, PHILIP
Allstates Constructors, Inc.
P. O. Box 658, 1-27-49 8
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KNOPF, JINAT JONATHAN, Jr.
Fairfax, S. C.

KUNZE, WALTER EDWARD, Jr.
146 South Battery,
Charleston, 21, S. C.

LAHEY, GORDON CYRIL, Jr.
3317 Monroe St., 1-27-49 30
Columbia, S. C.
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<td>4303 Ridgewood Ave., Columbia, S. C.</td>
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<td>O'NEILL, ALOYSIUS MULTRIE, Jr.</td>
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SPONG, ERNEST MAYE, Jr.
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1600 Pendleton St., 7-12-49 95
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State Highway & Public Works Comm.
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Cliffside, N. C.

WARD, WILLIAM ANDREW
Box 479, 7-12-49 158
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WARREN, JOHN DALTON
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WEBB, CHARLES
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801 Blossom St., 7-12-49 60
Columbia, S. C.

WILDS, SAMUEL HUGH
Owen Steel Co.
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Greenville, S. C.

WILLIAMS, CHARLES EDGAR, Jr.,
McKoy-Helgerson Co.
112 Linn Hill Ct., 7-12-49 114
Peoria, Illinois

WILSON, GARRETT EDWARD
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<td>WILSON, WILLIAM FRAZIER</td>
<td>500 N. Elm Street, Greensboro, N. C.</td>
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<td>WOFFORD, &quot;J&quot; BRIAN</td>
<td>c/o Mrs. E. L. Ellis, 700 Clark Ave., Pocomoke, Md.</td>
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<td>Gray Court, S. C.</td>
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<td>1706 Hollywood Dr., Columbia, S. C.</td>
<td>7-12-49</td>
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- Law embraces Structural Engineering only
- Law embraces Professional Engineering
- Law exempts members of A.I.M.E.
- Law not compulsory, registration optional
- Amended law compulsory
- New law passed in year indicated

Non Registration States
- District of Columbia

Year Law Enacted

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National Council of State Boards of Engineering Examiners

Chart Showing Number of Registered Engineers by Years

Number of Registered Engineers