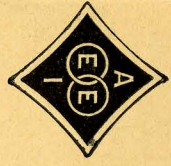


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A. to M. No. 920.

Recd. March 17, 1904.
A. & S. March 21, 1904.

American Institute of
Electrical Engineers,
WHITE BUILDING,
95 LIBERTY ST., NEW YORK.

PHILIP TORCHIO.

Engineer of Distribution, N.Y. Edison Co.,
57 Duane St. N. Y. City.

J. W. Lieb. MAR 22 1904

Thos. E. Murray. MAR 24 1904

Frank J. Sprague.

Charles F. Scott. MAR 23 1904

F. B. Crocker. MAR 30 1904

C. P. Steinmetz. MAR 23 1904

C. C. Chesney. MAR 25 1904

~~H. J. Brady. MAR 30 1904~~

Recommended for the May 4/04
Approved by B of Directors JUN 15 1904



American Institute of Electrical Engineers,

APPLICATION FOR TRANSFER FROM ASSOCIATE TO FULL MEMBERSHIP

Extracts from the Constitution, as Amended May 21st, 1901.

ARTICLE II. MEMBERSHIP.

1. The corporate members of the INSTITUTE shall be designated as Members and Associates. Members and Associates shall be equally entitled to all of the rights and privileges of the INSTITUTE, except eligibility to the offices of President and Vice-President, which shall be limited to Members; and Members only shall be entitled to a diploma. There shall also be Honorary Members, who shall be entitled to all the rights and privileges of the INSTITUTE, except the right to vote for officers and hold office.
2. A Member shall have been an Associate, and at the time of his transfer to membership he shall be not less than twenty-seven years of age, and shall be:
 - a. A Professional Electrical Engineer; or
 - b. A Professor of Electrical Engineering; or
 - c. A person who has done important original work of recognized value to electrical science.
3. To be eligible to membership as a professional Electrical Engineer, the applicant shall have been in the active practice of his profession for at least five years; he shall have had responsible charge of work for at least two years, and shall be qualified to design as well as direct electrical engineering works. Graduation from a School of Engineering of recognized standing shall be considered the equivalent of one year's active practice.
4. To be eligible to membership as Professor of Electrical Engineering, the applicant shall have been in responsible charge of a course of Electrical Engineering at a college or technical school of recognized standing, for a period of at least two years.
5. An Associate shall be a person who is interested in or connected with the study or application of electricity.

ARTICLE III.

3. An application for transfer from the grade of Associate to that of Member shall be made in a form prescribed by the Board of Directors, and shall embody a full record of the general technical education of the candidate and of his professional career. It shall be signed by the applicant, and shall refer to at least five members by whom he is personally known. Each of these references shall be requested by the Secretary to fill out a prescribed confidential form, to be addressed to the Board of Directors. No such application for transfer shall be considered until at least five favorable replies have been received. The Board of Directors, or the Board of Examiners, in the event of failure of replies, or receipt of unfavorable replies, may call upon the applicant to furnish additional names. Should an applicant for transfer certify that he is not personally known by five members, the Board of Examiners may accept references for the deficiency, to professional engineers of standing.

ARTICLE IV. DUES.

1. The entrance fee, payable on admission to the INSTITUTE, shall be five (5) dollars. A fee of ten (10) dollars shall be paid on transfer to the grade of Member, which shall include the fee for a diploma.
2. The annual dues shall be fifteen (15) dollars for members and ten (10) dollars for Associates.
3. The annual dues of Members and Associates residing in foreign countries other than Canada and Mexico, shall be ten (10) and five (5) dollars, respectively.

SPECIAL INSTRUCTIONS TO APPLICANT.

Statements of fact responsive to the following inquiries, are desired for the information of the Board of Directors and Board of Examiners.

These statements may be required to be verified by the oath of the applicant.

When required to give references to "Professional Engineers of Standing," preference should be given to full members of the American Institute of Civil Engineers, the American Society of Mechanical Engineers, American Institute of Mining Engineers, the Society of Naval Architects and Marine Engineers the Institution of Civil Engineers, or the Institution of Electrical Engineers

1. What is your full name? Give date and place of birth.
 2. Please state under which one or more of clauses a, b, c of Section 2 Article II, quoted above, in your opinion, you are eligible for transfer to membership.
 3. What is your general and technical education; where and how acquired?
 4. (a) State in full the nature of the work done by you as a professional electrical engineer, during a period of five years or more, noting especially the work of which you have had responsible charge. Or,
 - (b) State in what college or technical school of recognized standing you have had responsible charge for two years or more of a course of electrical engineering. Or,
 - (c) State fully, instances of important original work of recognized value to electrical science which you have done.
- State fully any facts you may deem likely to assist in determining the question or questions here under inquiry.

REFERENCES.

Article III. Section 3.

As references occasionally fail to reply to inquiries, thus delaying action, applicants are requested to send names of more than five full members if possible.

- J. W. Lieb, Jr.
57 Duane St. N.Y. City
- Thos. E. Murray..
- 57 Duane St. N.Y. City
- N. F. Brady.
- 57 Duane St. N.Y. City
- Frank J. Sprague.
- 20 Broad St. N.Y. City.
- Charles F. Scott.
- P. O'Boe 911 Pittsburg Pa.
- F. B. Crocker.
- Columbia Univ. N.Y. City
- C. P. Steinmetz.
- Gen Elec Co. Schenectady N.Y.
- T. C. Martin.
- C. C. Chesney.
- S & M Co. Pittsfield Mass

Philip Jordan, Engineer of Distribution N.Y. Edison Co.
57 Duane St. New York City.

APPLICANT'S RECORD.

1. Philip Torchio. Born at Vercana, Prov. of Como, August 2, 1868.
2. Under Clause (a)
3. Elementary- Private tuition 1874 - 1880.
 Classical - Gymnasium and Lyceum of Como 1880 - 1888.
 Mathematics and Physics - University of Pavia 1888- 1890.
 Mechanical Engineering - Royal Polytechnic of Milan, 1890 - 1893.
 Special Course of Electric Engineering - Institute Carlo Erba of
 Milan 1892 - 1893.
 Graduated M. E. 1893.
4. Employed as draughtsman and subsequently as Chief Draughtsman by the
 Sprague Electric Elevator Company November 1893 to January 1895; then
 resigned to join the Engineering Department of The Edison Electric
 Illg. Company of New York (now The New York Edison Company). Have
 worked with the staff of the Company on operating, commercial and
 technical problems met in central station practice. Since 1898
 when the Company began its alternating current development, have
 been closely identified with the installation and operation of
 its alternating current system, and since 1901 I have been
 officially in charge of the electrical work of the Company relat-
 ing to the high-tension ^{generating} and distributing system with the title of
 Engineer of Distribution. During this period the Company has
 installed over 100,000 kilowatts of generating and transforming
 apparatus and accessories, several hundred miles of high-tension
 and low tension cables; over 5,000 kilowatts of storage batteries and
 completed a number of important changes in the readjustment and
 transformation of series arcs and A.C. systems of distribution
 and other works of an electrical character.
 Have also done the electrical engineering work for other
 companies in connection with the installation of a 10,000 horse-
 power plant, with a 2,000 kilowatt 250 volt motor generator sub-
 station, a 36,000 horse-power composite 6600 volt and 550 volt
 railway plant with several large railway rotary sub-stations,
 2- 6,000 horse-power, 11,000 v. long distance transmission re-
 ceiving sub-stations, several underground systems of subway
 distribution and other works.

This Record must be Signed by Applicant with Pen and Ink.

APPLICANT'S RECORD.

Have written several papers on distribution and central station
 practice for the A. I. E. E. and the Association of Edison Illuminating Com-
 panies, and delivered a course of lectures at Columbia College to the gradua-
 ting class of 1903.

I am a member of the Associazione Elettrotecnica Italiana.

Philip Torchio

This Record must be Signed by Applicant with Pen and Ink.