

Received **DEC 7 1927**

Application No. **36481**

A. I. E. E. MEMBERSHIP APPLICATION

26203

Member Associate
 Member
 Fellow

Name and Mailing Address of Applicant

LUIGI EMANUELI 26203
VIA SETTALA 66
MILAN ITALY

HISTORY OF APPLICATION

Acknowledged *To P. Jorlin 12/5/27 (see correspondence)*
References communicated with **DEC 8 1927**
Recommended by Board of Examiners **MAR 21 1928**
Elected by Board of Directors **APR 6 1928**

Data re. Incomplete Applications

(Insert complete information concerning applications not disposed of within three months from date of receipt)

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AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS
33 WEST 39TH STREET, NEW YORK, N. Y.



26203

APPLICATION FOR MEMBERSHIP.

QUALIFICATIONS.

The qualifications for membership in the respective grades will be found in the extracts from the constitution and by-laws reprinted on the last page of this application. In order that the applicant may have a perfect understanding of the requirements, he is urged to read these extracts carefully.

The undersigned hereby makes application for admission to the American Institute of Electrical Engineers in the grade of Life Membership (Member) and submits the information given in the following pages for consideration.
(Insert word Associate, Member or Fellow)

LUIGI EMANUELI

Applicant's signature By Luigi Emanuele

Mailing address for publications and notices of the Institute Via Settala 66, Milan, Italy

Residence address Via Settala 66, Milan, Italy

ENTRANCE FEES AND DUES. (Constitution).

- SEC. 16. The entrance and transfer fees, payable on admission to the Institute, or upon transfer, shall be as follows:
Admission to the grade of Fellow, twenty (20) dollars, Member, fifteen (15) dollars, Associate, ten (10) dollars.
The transfer fee from one grade of membership to another shall be the difference between the corresponding admission fees.
- SEC. 17. The annual dues shall be as follows:
For Fellows, twenty (20) dollars; Members, fifteen (15) dollars; Associates, ten (10) dollars for the first six years of membership as an Associate, thereafter fifteen (15) dollars.

REFERENCES. (Constitution).

Sec. 10. Applicants shall give references to members of the Institute as follows:

- For the grade of FELLOW, to FIVE FELLOWS.
- For the grade of MEMBER, to FOUR FELLOWS or MEMBERS.
- For the grade of ASSOCIATE, to THREE FELLOWS, MEMBERS, or ASSOCIATES.

Should an applicant for admission or transfer to any grade certify that he is not personally known to the above specified number of Fellows, Members or Associates who are sufficiently familiar with the applicant's experience to justify him in using their names as references, the Board of Examiners may accept, for the deficiency, other references, preferably professional engineers of standing.

References should be named who have personal knowledge of the applicant's experience. As references occasionally fail to reply promptly to inquiries, it is suggested that applicants give more than the required number of references.

The applicant should communicate with his references, enclosing a copy or an abstract of his professional record as embodied herein.

Ref. list

Fellow OR
J W Lieb, N-Y Edison Co, 124 E 15th St New York

Associate
Wallace S Clark, General Electric Co, Schenectady N Y

Fellow
D W Roper, Commonwealth Edison Co, 72 W Adams St Chicago Ill

Ref. Exam.
F M Farmer, Electrical Testing Laboratories, 80th St & East End Av, New York

Fellow
A H Kehoe, United Elec Lt & Power Co, 124 E 15th St New York

Member
Frank M. Smith - 130 E. 15th St. N.Y.C.

The following information is required by the Board of Examiners. Failure to give details will delay action on the application.

1. If applying for admission to the grade of ASSOCIATE, give briefly record of electrical experience.
2. If applying for admission to the grade of MEMBER or FELLOW, state under which one or more of the clauses, a, b, c, d, of Sections 4 or 5, Article II of the Constitution (reprinted on last page) the application is made, and give full record of professional career, with particular reference to the period of responsible charge or the experience upon which application is based.

APPLICANT'S RECORD
(Typewritten copy preferred)

1. Name Luigi Emanuelli
(give in full)
2. Present occupation Chief Engineer, Electric Cable Dept, Societa Italiana Pirelli
(title, and name of concern)
3. Business address Via Fabio Filzi 21, Milan Italy
4. Date and place of birth 1883 Milan Italy
5. Constitutional clause Section 5, a and c
(see paragraph 2 above)
6. General and technical education Mechanical and Electrical Engineer
Graduated 1906 from Royal Polytechnic, Milan
7. Record of professional experience During more than 20 years with the Pirelli
(See paragraphs 1 and 2 above)

Dates here Company supervised and developed the design and construction of rubber and paper insulated cables, including special developments in power cables, telephone cables and submarine telegraph cables.

Among these important developments is included the 132,000 volt cable, large installations of which have been made in New York and Chicago.

Developed the method of grading cable insulation by using papers of different densities, inventing a special instrument known as a porosity meter for measuring this property, which instrument is now used by American paper manufacturers and by the United States Bureau of Standards.

Original research into the laws governing the flow of viscous liquids at various temperatures and pressures, also the physical properties of lead when stressed at

(Begin with earliest experience)

Dates here

Applicant's Record (continued)

various temperatures.

Contributed frequently to technical literature in Europe and the United States.

The undersigned certifies that the above statements are correct, and agrees if elected by the Institute, that he will be governed by its Constitution and By-laws as long as his connection with it shall continue. He furthermore agrees to promote the objects of the Institute as far as shall be in his power, and in case of his severing his connection therewith that he will return his membership badge, if he has purchased one, for which if in good condition, a refund or credit of \$2.00 shall be given, according to the status of his account.

LUGI EMANUELI

Signed

By *Luigi Emanuelli*

Dated December 2 1927

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NOTE: The applicant's personal signature, in ink, must appear at the end of this record.

If not sufficient space, the record may be continued on separate sheets of this size.