



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

February 5, 1929



Mr. W. Fondiller
15 Landscape Ave.,
Yonkers, N.Y.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear Sir:

An application for transfer to the grade of MEMBER in this Institute, under Clause (s) A of Sec. 5 of the Constitution (see back of this form), has been filed by

Mr. Donald A. Quarles, Plant Systems Engineer
Bell Telephone Labs.,
New York, N.Y.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

F. L. Hutchinson

National Secretary.

(See qualifications for the grade of Member, printed on the back of this form.)

For how long a period have you personally known the applicant?

About ten years

Are you of the opinion that (a) his character is such that if elected he will prove a creditable MEMBER of the Institute, and that (b) he meets the other constitutional requirements for the grade of MEMBER?

(a) *Yes* (b) *Yes*

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

In telephone transmission, made important studies in correction of phase shift in loaded lines. More recently he was in charge of a group of engineers in Inspection Engineering. He is now Plant Systems Engineer of his company and doing a creditable job.

Date *2/19/29* Signed *William Fondiller*

Statement may be continued on the back of this form.

NOTE: If you desire the applicant's record before replying, please check here and return this form.

Follow





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

February 5, 1929



Mr. G. DeF. Edwards
Bell Telephone Labs.,
463 West St.,
New York, N.Y.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear Sir:

An application for transfer to the grade of MEMBER in this Institute, under Clause (s) A of Sec. 5 of the Constitution (see back of this form), has been filed by

Mr. Donald A. Quarles, Plant Systems Engineer
Bell Telephone Labs.,
New York, N.Y.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

National Secretary.

(See qualifications for the grade of Member, printed on the back of this form.)

For how long a period have you personally known the applicant?

Nine Years

Are you of the opinion that (a) his character is such that if elected he will prove a creditable MEMBER of the Institute, and that (b) he meets the other constitutional requirements for the grade of MEMBER?

(a) Yes (b) Yes

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

Mr. Quarles has been associated with Bell Telephone Laboratories since November, 1919, and I have been in pretty close touch with his work throughout that period. During the four years immediately preceding January, 1924, he was engaged in transmission research with a most creditable record. For the next four and one half

Date _____ Signed _____

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years, he was in responsible charge of the Apparatus Inspection Engineering Department of the Laboratories, during which time he personally made substantial contributions to the fundamental bases of our present quality engineering work. In October, 1928 he was appointed Plant Systems Engineer of the Laboratories.

Date 9th February, 29 Signed [Signature] Member

EXTRACTS FROM CONSTITUTION

SEC. 5. A Member shall be not less than twenty-seven years of age, and shall be either :

a. An electrical engineer by profession. As such, under general direction, he shall have designed and taken responsibility for important electrical engineering work; he shall have been in the active practice of his profession for at least five years.

When the applicant holds in a principal national society of an allied branch of engineering, membership of a grade for which the qualifications indicate a standing equal to that required for the grade of Member herein, such membership shall be considered equivalent to two and one-half years of the requisite five years in active practice of the electrical profession.

b. A teacher of electrical engineering or of electrical science. As a teacher of electrical subjects he shall have had at least five years' experience in a school of recognized standing. Any years of experience the applicant may have had as an electrical engineer shall be considered the equivalent of the same number of years of experience as a "teacher of electrical engineering or of electrical science."

c. A person regularly employed in electrical or closely allied work for at least five years, who, by inventions or by proficiency in electrical science, the electrical arts, or electrical literature, or as an executive of an electrical enterprise of large scope, has attained a standing equivalent to that required for Members under paragraphs "a" and "b." In the case of such an executive the applicant must be qualified to take responsible charge of the broader features of electrical engineering involved in the work under his direction.

Qualifications for the grade of Member

SEC. 6. An Associate shall be not less than twenty-one years of age, and shall be either :

a. An electrical engineer by profession.

b. A teacher of electrical subjects.

c. A person who is qualified to fill a subordinate position in engineering work, or who is identified, in a responsible capacity, with an electrical enterprise.

Qualifications for the grade of Associate





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



February 5, 1929

Mr. John Mills
Bell Telephone Labs.,
463 West St.,
New York, N.Y.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear Sir:

An application for transfer to the grade of MEMBER in this Institute, under Clause (s) A of Sec. 5 of the Constitution (see back of this form), has been filed by

Mr. Donald A. Quarles, Plant Systems Engineer
Bell Telephone Labs.,
New York, N.Y.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

J. L. Hutchinson

National Secretary.

(See qualifications for the grade of Member, printed on the back of this form.)

For how long a period have you personally known the applicant?

Since 1920

Are you of the opinion that (a) his character is such that if elected he will prove a creditable MEMBER of the Institute, and that (b) he meets the other constitutional requirements for the grade of MEMBER?

(a) *yes* (b) *yes*

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

Early experience as a transmission engineer on special research problems, later experience in charge of divisions of the Inspection Engineering Dept of Bell Telephone

Date *Feb. 8, 1929* Signed *John Mills* Member

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

February 5, 1929



Mr. John H. Bell
477 Tillou Rd.,
So. Orange, N.J.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear Sir:

An application for transfer to the grade of MEMBER in this Institute, under Clause (s) of Sec. 5 of the Constitution (see back of this form), has been filed by Mr. Donald A. Quarles, Plant Systems Engineer Bell Telephone Labs., New York, N.Y.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

J. L. Hutchinson

National Secretary.

(See qualifications for the grade of Member, printed on the back of this form.)

For how long a period have you personally known the applicant?

About eight years

Are you of the opinion that (a) his character is such that if elected he will prove a creditable MEMBER of the Institute, and that (b) he meets the other constitutional requirements for the grade of MEMBER?

(a) *yes* (b) *yes*

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

Mr. Quarles has been engaged until recently in dealing with the most advanced problems in the art of electrical communication, including files (electrical) design + similar line transmission work. He is now the head of a staff of engineers dealing with problems affecting outside construction work.

Date *7th February 1929* Signed *John Hume Bell*

Statement may be continued on the back of this form.

Member

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

February 5, 1929

2/20/29

Mr. Chester S. Gordon
470 Morris Ave.,
Boonton, N.J.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear Sir:

An application for transfer to the grade of MEMBER in this Institute, under Clause (s) A of Sec. 5 of the Constitution (see back of this form), has been filed by

Mr. Donald A. Quarles, Plant Systems Engineer
Bell Telephone Labs.,
New York, N.Y.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

J. L. Hutchinson

National Secretary.

(See qualifications for the grade of Member, printed on the back of this form.)

For how long a period have you personally known the applicant?

About 5 yrs.

Are you of the opinion that (a) his character is such that if elected he will prove a creditable MEMBER of the Institute, and that (b) he meets the other constitutional requirements for the grade of MEMBER?

(a) *Yes* (b) *Yes*

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

Application of refinements in methods to the inspection of telephone apparatus.

Important contributions to transmission theory in the telephone field

Date *Hand Feb. 22, 1929* Signed *C S Gordon*

Member

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