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Harold Babbitt Smith

DEC 29 1899

H. J. Ryan

MAR 30 1900

W. E. Goldborough

JAN 9 1900

F. I. Huntington

JAN 15 1900

DEC 29 1899

Form 34.

No. 900



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS.

APPLICATION FOR TRANSFER FROM ASSOCIATE TO FULL MEMBERSHIP.

Elected an Associate Member

Nov 24 1891

Original Application endorsed by

Refer by permission to three or more Members of the Institute who are familiar with work of applicant.

Harris J. Ryan

W. E. Goldsborough

F. S. Huntington

Special Rule, recommended by the Board of Examiners, and approved by Council March 25th, 1895, requires that every applicant for transfer must have reached the age of 27 years before his case will be acted upon by the Board.

Statements of fact responsive to the following inquiries are required for the information of the Board of Examiners, and the Council, who will determine the proper classification of a duly elected Associate applying for transfer to the class of Members.

These statements may be required to be verified by the oath of the applicant, and should therefore be made with due care.

1. What is your full name; date, and place of birth?
2. What education, general and technical, have you had; where and how acquired?
3. What is and has been your employment; how long have you been employed in each position referred to?
4. State any facts you may deem likely to aid in determining the question here under inquiry.
5. Refer us to any Member of this society having personal knowledge of your Professional qualifications, if such there be.

acted above
DEC 29 1899

1. Harold Babbitt Smith, Born May 23rd 1869, Barre, Mass.

2. Educated in the public schools of Barre, Mass. and a graduate of

the Barre High School. Entered Cornell University in the Elect.

Eng. course and graduated in June 1891, on honor list and one of the

two men in the course elected to honorary society of Sigma Xi on the

record made as student. Graduate Student in Elect. Eng. at

Cornell until Dec. 1891. Non resident student at Cornell for year

following.

3. Jan. 1892 appointed Adjunct Professor of Elect. Eng. in charge of

Elect. Eng. Dept. at Arkansas State University, Fayetteville, Ark.
Developed courses of study and equipped new laboratories. Resigned
Dec. 1892.
Jan. 1893 accepted position as head designer and Elect. Eng. for the
Elektron Mfg. Co., Springfield, Mass. Engaged in general design and
engineering work for the company including the development of elect.
elevator and pumping equipments, dynamos, motors &c. Two awards
given at Chicago on this work. Resigned Aug. 1893 but have retained
connection with the Co. as consulting engineer to present time.
Sept. 1893 Appointed Professor of Elect. Eng. and Director of Dept. of
Elect. Eng. at Purdue University, Lafayette, Indiana. Developed the
courses of the Dept. and increased the laboratory equipment and
facilities to three or four times their previous capacity. At time
of resignation, June 1896, the Dept. had a student enrollment of about
300 and Professors A. W. Duff and W. E. Goldsborough with other
instructors under my direction. During this period, besides
consulting work for the Elektron Co. I was employed as consulting
engineer by the Lafayette Elect. Works, the Lafayette St. Ry. Co., the
cities of Lafayette and Ft. Wayne, Ind. and on other work of lesser
importance.

July 1896 appointed Professor of Elect. Eng. and Director of Dept.
of Elect. Eng. at the Worcester Polytechnic Institute, Worcester, Mass.
which is my present position. Have developed new and broader lines
of work and more than quadrupled the laboratory equipment and facilities
for the Department. In June 1897 was offered my old position
at Purdue University at highest salary paid by the institution. Also
position as head designer for the Siemens & Halske Co. of Chicago.
May 1899 was offered position as Prof. of Elect. Eng. and Director of
Dept. Elect. Eng. at University of Illinois, Champaign, Ill. Since
1896 have practiced as a consulting engineer so far as college duties
have permitted and among clients may be mentioned,-
The Elektron Mfg. Co. in the design of generators, motors, elevators,
etc. which are competing successfully in the market.
The Clearwater & Raquette Lake Ry. in the selection of transmitting
and operating system on a 21 mile railway now under construction.
The City of Worcester in suits for water power and other damage.
The U. S. Government in cable testing at the Washburn & Moon Works.
Fred M. Locke and others in high potential testing and experimental
work to 300,000 volts. At present am engaged in the

THIS RECORD SHOULD BE SIGNED WITH PEN AND INK BY APPLICANT.

Investigation of a probable water power development and electric transmission of about 1000 H.P.

4. Am a member of the American Society of Mechanical Engineers, a Fellow of the American Association for Advancement of Science, a member of the Society for Promotion of Engineering Education, etc.

5. The Members given as references above, have personal knowledge of my professional qualifications. They are Full Members of the Institute as required by the Board of Examiners.

Harold B. Smith