AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

Record of Application for

TRANSFER TO THE GRADE OF MEMBER

No. 4696

Name
Fred Orville McMillan, Associate Professor of Electrical Engineering

Address
Oregon State Agricultural College,
Corvallis, Oregon.

References

<table>
<thead>
<tr>
<th>Name</th>
<th>Grade</th>
<th>Communicated With</th>
<th>Second Request</th>
<th>Replies Received</th>
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<td>John B. Fiskien</td>
<td>Fellow</td>
<td>June 4, 1926</td>
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<td>George E. Quinan</td>
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<td>O. B. Coldwell</td>
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<td>H. H. Schoolfield</td>
<td>Member</td>
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<td>R. H. Dearborn</td>
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<td>C. W. Fick</td>
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<td>W. A. Hillebrand</td>
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<td>E. J. Des Camp</td>
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Action by Board of Examiners
Recommended

Date
JUL 26 1926

Action by Board of Directors

Date
OCT 15 1926
EXTRACTS FROM CONSTITUTION

ARTICLE II.

Qualifications for the grade of Member.

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 works; he shall have been in the active practice of his profession for at least five years.
   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 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.

EXTRACTS FROM BY-LAWS

Sec. 2. All applications for admission to the Institute or for transfer to an higher grade shall be made in a form approved by the Board of Directors, and shall embody a full record of the general technical education of the applicant and of his professional career. Applicants shall refer to the required number of members of the grades specified in Article III, of the Constitution. Each of these references shall be requested by the National Secretary to fill out a prescribed confidential form, for consideration by the Board of Examiners.

Sec. 3. No application for admission or transfer shall be acted upon by the Board of Examiners until the number of replies prescribed in the Constitution is received. In the event of failure to receive replies, or the receipt of unfavorable replies, the National Secretary may call upon the applicant to furnish additional names.

American Institute of Electrical Engineers
33 West 39th Street. New York, N.Y.

APPLICATION FOR TRANSFER TO THE GRADE OF MEMBER.

QUALIFICATIONS FOR TRANSFER.

The qualifications for transfer to the grade of Member are set forth in Article II, Section 5, of the Constitution, which is printed on the last page of this form. Applicants are urged to read these extracts carefully in order that they may have a perfect knowledge of the constitutional requirements.

Applicant’s name

Red Orville McMillan

Present title or occupation

Associate Professor of Electrical Engineering

Business address

Oregon State Agricultural College, Corvallis, Oregon

TRANSFER FEE AND DUES.

Transfer fee from the grade of Associate to that of Member, Five (5) dollars.

The annual dues for the grade of Member are Fifteen (15) dollars.

REFERENCES.

Sec. 10 (Constitution). Applicants shall give references as follows:

For the grade of Member, to four Fellows or Members:

Should an applicant for admission or transfer to the grade of Member certify that he is not personally known to four Fellows or Members of the Board of Examiners may accept, for the deficiency, other references, preferably professional engineers of standing. (This clause has been interpreted to apply only to applicants whose location or conditions of work are such that it is unreasonable to expect them to make reference to members of the Institute.)

References should be selected who have personal knowledge of the applicant’s engineering experience.

As references occasionally fail to reply promptly to inquiries, it is suggested that applicants furnish more than the required number of names.

REFERENCES.

Washington.

[Handwritten names and dates]
The following information is required by the Board of Examiners. Failure to give details will delay action on the application.

The applicant should state under which clause or clauses, a, b, c, of Section 5, Article II, of the Constitution, application is made, and give a full record of professional career, with particular reference to the period of responsible charge or the experience upon which the application is based.

**APPLICANT'S RECORD**
*(Typewritten copy preferred)*

<table>
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<tr>
<th>Date</th>
<th>Applicant's Record (continued)</th>
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| **1/1 1920** | **Assistant Professor of Electrical Engineering**  
**Oregon State College, Corvallis, Oregon.** |
| **7/1 1923** | **Promoted to Associate Professor of Electrical Engineering. This is the position that I now hold. Total period employed in teaching electrical engineering to date 6 years 5 months.** |

1. **Name**: Fred Orville McMillan
2. **Present occupation**: Associate Professor of Electrical Engineering
3. **Business address**: Oregon State College, Corvallis, Oregon.
4. **Date and place of birth**: May 12, 1890, Albia, Iowa.
5. **Constitutional clause**
   - a. and b.
6. **General and technical education**
   - B.S. in Electrical Engineering, Oregon State Agricultural College, June 1912.
   - M.S. in Electrical Engineering, Union College, Schenectady, N.Y., June 1919.
7. **Record of professional experience**

**Dates here**

- **7/9 1912**: Entered the Testing Department of The General Electric Company, Schenectady, N.Y.
- **8/25 1913**: Assistant to the Supervisor of the General Electric Experimental Railway, Schenectady, N.Y.

Signed: Fred Orville McMillan

**Dated**: May 29, 1926, Corvallis, Oregon.

**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.