

Transfer to the grade of Member

No. 1233

Recd. Feb. 27th, 1909.

5/18/09

R. E. HELLMUND,

Electrical Engineer, W. E. & M. Company,
Pittsburgh, Pa.

References

MAR 5 1909	George M. Rowe,	(Member)	MAR 13 1909
MAR 5 1909	H. P. Davis,	"	MAR 11 1909
MAR 5 1909	H. D. James,	"	MAR 16 1909
MAR 5 1909	P. M. Lincoln,	"	MAR 10 1909
MAR 5 1909	C. A. Adams,	"	MAR 16 1909
MAR 5 1909	A. S. McAllister,	"	MAR 9 1909
MAR 5 1909	Julius Heubach (non-member)		

B G Lammie

MAR 10 1909

Recommended for transfer
April 9/09

Member

MAR 10 1909

Transfer No. 1233

Form 28-1000-10-07



American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

RALPH W. POPE,
SECRETARY.

TELEPHONE 4600 BRYANT,
CABLE ADDRESS, CYANDRIC.

Mr P. M. Lincoln,

NEW YORK, March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, W. B. & M. Mfg. Co. Pittsburgh, Pa.
who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Secretary.

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

Since October, 1907.

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Applicant joined the Engineering Staff of the Westinghouse Electric & Mfg. Co. in October, 1907. Since that time he has devoted practically his entire time to various questions of design of induction motors. He has been responsible, under the direction of his Division Engineer, for the design of a new line of induction motors and is still engaged in the same general work. In my opinion, he is eligible for full membership as a professional electrical engineer.

Signed

In order to avoid unnecessary delay in considering this case, please return this form before March 15th 1909.

Member

MAR - 9 1909

Transfer No. 1233

Form 28-1000-10-07



American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

RALPH W. POPE,
SECRETARY.

TELEPHONE 4600 BRYANT,
CABLE ADDRESS, CYANDRIC.

Mr. A. S. McAllister,

NEW YORK,

March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, W. E. & M. Mfg. Co. Pittsburgh, Pa. who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary.

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

Three years.

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

I have kept closely in touch with Mr. Hellmund's contributions to Engineering literature during the past ~~year~~ three years, and have recognized in him a writer having many original ideas and thoroughly familiar with alternating-current machines, especially induction motors. His originality has been shown in contributions to the A.I.E.E., the Electrical Review and the Electrical World. He was in charge of the alternating-current motor design for the Western Electric Co. at ~~the~~ Hawthorne, before taking up similar work with the Westinghouse Electric & Mfg. Co.

Signed *A. S. McAllister*

In order to avoid unnecessary delay in considering this case, please return this form before

March 15th 1909

Member

MAR 16 1909

Transfer No. 1233

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American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

RALPH W. POPE,
SECRETARY.

TELEPHONE 4600 BRYANT,
CABLE ADDRESS, CYANDRIC.

Mr. H. D. James,

NEW YORK, March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, W. H. & M. Mfg. Co. Pittsburg, Pa.
who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Secretary.

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

Since Oct. 1907 personally + before then by reputation

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Mr. Hellmund was in charge of the A. C. motor design at the Western Elec. Co. for two years prior to Oct. 1907 + since then he has been engaged in designing a new line of motors for the Westinghouse Elec. & Mfg. Co. We consider him one of our best designing engineers + my personal opinion is that his work + experience qualifies him as a first class engineer

Signed *Henry D. James.*

In order to avoid unnecessary delay in considering this case, please return this form before **March 15th 1909**

Member

MAR 13 1909

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American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

RALPH W. POPE,
SECRETARY.

TELEPHONE 4600 BRYANT.
CABLE ADDRESS, CYANDRIC.

Mr. George H. Rowe,

NEW YORK,

March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, W. E. & M. Mfg. Co., Pittsburg, Pa.
who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Secretary.

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

four years.

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Mr. Hellmund developed a complete line of induction motors for the Western Electric Co being in charge of that work about two years.

He is the author of numerous papers on designs of induction motors, leakage etc.

He has charge at present of Mill motor construction & design at the W. E. & M. Mfg Co

His broad education and his allowance in his own country and in this make him in my opinion of membership grade.

Signed

In order to avoid unnecessary delay in considering this case, please return this form before **March 15th 1909.**

Member

MAR 16 1909

Transfer No. 1233

Form 28-1000-10-07



American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

RALPH W. POPE,
SECRETARY.

TELEPHONE 4600 BRYANT,
CABLE ADDRESS, CYANDRIC.

Mr. C. A. Adams,

NEW YORK,

March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, W. H. & M. Mfg. Co., Pittsburgh, Pa.

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Secretary.

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

Three years

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

"Starting Torque of Induction Motors" *El. World*, March 31-1906

"Series vs. Parallel Windings in A.C. Current Motors" *El. World* - Feb. 23, 1907

"Gigzag Leakage of Ind. Motors" *A. I. E. E.* May 24, 1907.

"Leakage Coefficients of Ind. Motors" *El. World* - Nov. 23-1907

"Magnetic Leakage in Ind. Motors" " " - Jan 25-1908

"Graphical Treatment of the Rotating Field" *A. I. E. E.* July 2-1908

"Influence of Slot Ratio on Starting Torque of Ind. Motors" *El. World* - Sept 26-1908

"Magnifying and Potential Coefficients of Polyphase Windings" *El. World* Dec. 19-1908

"Belt Leakage of Induction Motors" *El. Rev. and West. Electrician* - Jan 2-1909

"Graphische Behandlung der Stromung in Induktionsmotoren" *E. T. Z.* Jan 14-1909

Although some of these articles are short, taken together they represent a very considerable amount of valuable work in connection with the analysis of the induction motor. They also indicate a resourcefulness and interest in this field which promise much for the future. In fact Mr. Hellmund is unquestionably one of the most active and productive men at the present time on the subject of induction motors. In my opinion he will do credit to the Institute as a Member.

Signed

In order to avoid unnecessary delay in considering this case, please return this form before

March 15th 1909

MAY 11 1909

Transfer No. 1233

Form 28-1000-10-07



American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

TELEPHONE 4600 BRYANT.
CABLE ADDRESS, CYANDRIC.

RALPH W. POPE,
SECRETARY.

Mr. Zeller

82489

Mr. Julius Heubach,

NEW YORK, March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, of W. J. & M. Co., Pittsburgh, Pa.
who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary.

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

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Es freut mich, Ihnen über die Persönlichkeit des Herrn H e l l m u n d
in jeder Hinsicht die Beste Auskunft geben zu können. Er war als jüngerer
Ingenieur längere Zeit in meinem Bureau und hat sich auf das Beste bewährt.
Ueber seine jetzigen ^{wissenschaftlichen} wirtschaftlichen Qualitäten haben Sie sicher selbst
ein abschliessendes Urteil, da er wiederholt in Ihrem Organ sehr interes-
sante und wertvolle Artikel publiziert hat. Er ist persönlich ein ange-
nehmer Mensch von guten Umgangsformen. Infolge einer geschäftlichen Abwe-
senheit hat sich die Erledigung Ihrer geschätzten Anfrage sehr verzögert,
was ich hiermit höflichst zu entschuldigen bitte.

Mit vorzüglicher Hochachtung !

Signed *Julius Heubach*

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Member

MAR 11 1909

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American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

RALPH W. POPE,

SECRETARY.

TELEPHONE 4600 BRYANT.

CABLE ADDRESS, CYANDRIC.

Mr. H. P. Davis,

NEW YORK, March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, W. H. & M. Mfg. Co. Pittsburg, Pa.

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Ralph W. Pope

Secretary.

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

2 Years.

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Mr. Hellmund is an engineer of recognized ability; having written many important papers on the design of induction motors. He is one of the principal Industrial Motor Engineers of this Company and has done much original and important work in the development of this class of apparatus. He is a man of high character and has unusual ability as an engineer. I consider that he will make a desirable member & heartily recommend his transfer

Signed J. H. P. Davis

In order to avoid unnecessary delay in considering this case, please return this form before March 15th 1909

Member

MAR 10 1909

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American Institute of Electrical Engineers,

33 WEST THIRTY-NINTH STREET

RALPH W. POPE,
SECRETARY.

TELEPHONE 4600 BRYANT,
CABLE ADDRESS, CYANDRIC.

Mr. B. G. Lamme,

NEW YORK, March 5th 1909.

Dear Sir:

An application for transfer from the grade of Associate to that of Member in the Institute has been filed by

R. E. Hellmund, Electrical Engineer, W. H. & M. Mfg. Co., Pittsburg, Pa.

who has referred to you as being familiar with his electrical engineering work.

For the information of the Board of Examiners and the Board of Directors will you kindly reply to the following inquiries:

Very truly yours,

Secretary.

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

For several years

Kindly state instances within your personal knowledge of Electrical Engineering work; or, of important original work of recognized value to electrical science, performed by the applicant, and your opinion of same.

Mr Hellmund did advanced work in electrical Designing for the Weston Elec. Co for several years. Later he took a position as Designer with the Westinghouse Electric, and in this position I have been in close touch with his work, and consider him to be an engineer of high order, and fully up to the mark for full membership in the Institute.

Signed *B. G. Lamme*

In order to avoid unnecessary delay in considering this case, please return this form before **March 15th 1909**