



Geo. Westinghouse

PRESIDENT 1910

OF

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

THE AMERICAN SOCIETY OF
MECHANICAL ENGINEERS

TRANSACTIONS

VOLUME 32

ATLANTIC CITY MEETING
MEETING IN ENGLAND
NEW YORK MEETING
1910



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1910

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1910

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1910

On a Standard Tonnage Basis for Refrigeration

D. S. JACOBUS
A. P. TRAUTWEIN

G. T. VOORHEES
PHILIP DE C. BALL

E. F. MILLER

On Society History

JOHN E. SWEET

H. H. SUPLEE

CHAS. WALLACE HUNT

On Constitution and By-Laws

CHAS. WALLACE HUNT, *Chairman*
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F. R. HUTTON
D. S. JACOBUS

JESSE M. SMITH

On Conservation of Natural Resources

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CALVIN W. RICE

On Identification of Power House Piping

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W. H. BRYAN

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H. P. NORTON

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On International Standards for Pipe Threads

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On Standards for Involute Gears

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On Power Tests

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WILLIAM KENT
CHARLES E. LUCKE

EDWARD F. MILLER
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ALBERT C. WOOD

On Standardization of Flanges

A. M. MATTICE
WM. SCHWANHAUSSER

J. P. SPARROW
H. G. STOTT

On Student Branches

F. R. HUTTON, HONORARY SECRETARY

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1910

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	1909			
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Leland Stanford, Jr. University, Palo Alto, Cal.	March 9	W. F. Durand	J. B. Bubb	H. H. Blee
Polytechnic Institute, Brooklyn, N. Y.	March 9	W. D. Ennis	A. L. Palmer	R. C. Ennis
State Agri. College, Corvallis, Ore.	March 9	Thos. M. Gardner	C. L. Knopf	S. H. Graf
Purdue University, Lafayette, Ind.	March 9	L. V. Ludy	H. A. Hous'on	J. W. Barr
University of Kansas, Lawrence, Kan.	March 9	P. F. Walker	W. F. Judy	M. C. Conley
New York Univ., New York	November 6	C. E. Houghton	Harry Anderson	Andrew Hamilton
Univ. of Illinois, Urbana, Ill.	November 6	W. F. M. Goss	B. L. Keown	C. S. Huntington
Penna. State College, State College, Pa.	November 9	J. P. Jackson	W. E. Heibel	G. M. Forker
Columbia University, New York	November 9	Chas. E. Lucke	F. R. Davis	H. B. Jenkins
Mass. Inst. of Tech., Boston, Mass.	November 9	Gaetano Lanza	Morrill Mackenzie	Foster Russell
Univ. of Cincinnati, Cincinnati, O.	November 9	J. T. Faig	H. B. Cook	C. J. Malone
Univ. of Wisconsin, Madison, Wis.	November 9	C. C. Thomas	A. MacArthur	A. Wegner
Univ. of Missouri, Columbia, Mo.	December 7	H. Wade Hibbard	H. W. Price	Osmer Edgar
Univ. of Nebraska, Lincoln, Neb.	December 7	C. R. Richards	W. J. Wholenberg	W. H. Burleigh
	1910			
Univ. of Maine, Orono, Me.	February 8	Arthur C. Jewett	H. N. Danforth	A. H. Blaisdell
Univ. of Arkansas, Fayetteville, Ark.	April 12	B. N. Wilson	C. B. Boles	W. Q. Williams
Yale University, New Haven, Conn.	October 11			W. Roy Manny

SUMMARY OF MEMBERSHIP

December 31, 1910

UNITED STATES

Alabama.....	17	Nebraska.....	5
Alaska.....	1	Nevada.....	2
Arizona.....	3	New Hampshire.....	14
Arkansas.....	4	New Jersey.....	207
California.....	84	New Mexico.....	3
Colorado.....	34	New York.....	1113
Connecticut.....	135	North Carolina.....	12
Delaware.....	18	North Dakota.....	1
District of Columbia.....	31	Ohio.....	274
Florida.....	3	Oklahoma.....	1
Georgia.....	17	Oregon.....	14
Hawaii.....	3	Pennsylvania.....	454
Idaho.....	1	Philippine Islands.....	1
Illinois.....	248	Porto Rico.....	4
Indiana.....	74	Rhode Island.....	70
Iowa.....	8	South Carolina.....	3
Kansas.....	12	Tennessee.....	13
Kentucky.....	6	Texas.....	24
Louisiana.....	26	Utah.....	7
Maine.....	17	Vermont.....	13
Maryland.....	34	Virginia.....	29
Massachusetts.....	369	Washington.....	18
Michigan.....	122	West Virginia.....	7
Minnesota.....	19	Wisconsin.....	101
Mississippi.....	2	Wyoming.....	1
Missouri.....	65		
Montana.....	9	Total.....	3753

FOREIGN COUNTRIES

Africa.....	13	India.....	4
Australia.....	8	Italy.....	1
Austria.....	1	Japan.....	7
Belgium.....	5	Mexico.....	14
Canada.....	49	New Zealand.....	1
Central America.....	6	Norway.....	1
China.....	3	Russia.....	4
Cuba.....	4	Scotland.....	3
England.....	46	South America.....	14
Finland.....	1	Sweden.....	5
France.....	9	Switzerland.....	4
Germany.....	14		
Holland.....	1	Total.....	220
Hungary.....	2		

SUMMARY OF MEMBERSHIP

BY RESIDENCE

December 31, 1910

Membership in United States.....	3753
Membership in foreign countries.....	220
Present address unknown.....	5
Total membership.....	3978

BY GRADE

December 31, 1910

Honorary Members.....	15
Members	2660
Associates	390
Juniors.....	913
Total membership.....	3978

UNITED STATES

Alabama.....	4	Nebraska.....	2
California.....	9	New Jersey.....	15
Connecticut.....	7	New York.....	154
Delaware.....	1	Ohio.....	31
District of Columbia.....	7	Oklahoma.....	1
Georgia.....	1	Oregon.....	2
Illinois.....	23	Pennsylvania.....	34
Indiana.....	10	Rhode Island.....	6
Kansas.....	3	Texas.....	1
Maine.....	2	Vermont.....	1
Maryland.....	1	Washington.....	1
Massachusetts.....	28	Wisconsin.....	20
Michigan.....	13		
Minnesota.....	6		
Missouri.....	6	Total.....	389

FOREIGN COUNTRIES

Belgium.....	1	South America.....	1
Canada.....	2	Switzerland.....	1
Germany.....	2		
Mexico.....	1	Total.....	8

GAS POWER SECTION

BY RESIDENCE

Membership in United States.....	389
Membership in foreign countries.....	8
Address unknown.....	2
Total membership.....	399

BY GRADE

Members of the Society.....	253
Affiliates	146
Total.....	399

STUDENT BRANCHES

Armour Institute of Technology.....	21
Columbia University.....	41
Cornell University.....	119
Leland Stanford Jr. University.....	9
Massachusetts Institute of Technology.....	17
Pennsylvania State College.....	64
Polytechnic Institute of Brooklyn.....	22
Purdue University.....	22
Rensselaer Polytechnic Institute.....	18
Stevens Institute of Technology	58
University of Arkansas	2
University of Cincinnati.....	32
University of Illinois	62
University of Kansas	12
University of Maine.....	13
University of Missouri	14
University of Nebraska.....	15
University of Wisconsin	36
Yale University.....	40
Total.....	617

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