



MINUTES
of the
ANNUAL MEETING

National Insulation Manufacturers Association
Chicago, Ill. October 7, 1968

The Meeting was called to order by T. S. Clousing, with the following in attendance:

Baldwin-Direct-Hill, Inc.
Trenton, N.J.

G. Barth

Certain-Teed/St. Gobain
Bala-Cynwyd, Pa.

R. L. Strickland

Forty-Eight Insulations, Inc.
Aurora, Ill.

T. S. Clousing

GAF Corporation

W. C. O'Brien
G. J. Guindon

Johns-Manville Sales Corp.
New York, N.Y.

R. E. Naylor

Owens-Corning Fiberglas Corp.
Toledo, Ohio

J. Vyverberg
J. H. Boynton

PPG Industries
Pittsburgh, Pa.

P. D. Kaley
L. B. Grant, M.D.
W. T. Irwin

Holmes Insulation Limited
Downsview, Ontario, Canada

E. H. Thring

Cadwalader, Wickersham & Taft

G. D. Reycraft

NI4A

J. M. Barnhart

GUESTS

Philip Carey Corp.
Cincinnati, Ohio

J. A. Suddeth

Pittsburgh Corning Corp.
Pittsburgh, Pa.

J. H. Price, Jr.

APPROVAL OF MINUTES

A motion was made, seconded and passed

That the Minutes of the Meeting of April 16, 1968
as bulletined by the Association, be approved.

STATISTICAL COMMITTEE REPORT

In the Chairman's absence, J. M. Barnhart reported as follows:

The Marketing Research Committee recommends for consideration by the Board of Directors the following changes in statistical reporting:

- 1) Private brand sales should be reported by the member making the ultimate shipment rather than by the manufacturer. This would improve the statistics by providing a more accurate geographic breakdown and a more consistent sales value for such shipments. Members' private brand sales to non-members would of course continue to be reported by the manufacturer. It is requested that Mr. Barnhart poll the membership by letter, so that this revision could be effective January 1, 1969.
- 2) A report of shipments of physical units of Fibrous Pipe Insulation would be useful, to discount the increasing use of more expensive jackets. For simplicity, we propose an annual report of lineal feet of Fibrous Pipe Insulation, starting with the year 1968, to be collected by Price Waterhouse. Mr. Barnhart is requested to determine by letter ballot from the interested members if they agree to such a report.

Discussion on Item #2 revealed it would
not be practical to undertake this project.

The committee also proposes:

- 1) To provide to all members a new list of members' product trade names in each category of the statistical reports. Mr. Barnhart will request this up-dated information from each member.
- 2) To publish a periodic statement of the rules for reporting shipments through Price Waterhouse. These guidelines would include the exclusion of export sales, sales to original equipment manufacturers, and structural insulations.

PUBLICITY COMMITTEE REPORT

In the Chairman's absence, J. M. Barnhart reported that Wathen/Walsh had published two issues of the "NIMA Newsletter" and was in the process of publishing the final issue for the year. The subject of the final issue was an interview with J. Pollock, Executive Secretary of IDCNA.

A motion was made, seconded and passed

That the final issue shall not be released until the IDCNA Board of Directors or the IDCNA President approves its contents.

TECHNICAL & RESEARCH COMMITTEE REPORT

J. M. Barnhart reported as follows:

Since the April 16, 1968 NIMA Spring Meeting, the technical activities have included the following:

April 29, 1968	T & R Committee Meeting, N.Y., N.Y.
May 7, 1968	GSA, Washington, D.C.
June 24, 25, 1968	ASHRAE Meeting, Lake Placid, N.Y.
June 24, 25, 1968	T & R Committee Meeting, San Francisco, Calif.
August 28, 1968	T & R Committee Meeting, N.Y., N.Y.
September 19, 1968	Electric Boat, Groton, Conn.

T & R COMMITTEE MEETING, NEW YORK, N.Y., APRIL 29, 1968

The Committee met for the purpose of discussing proposed evaluation of IDCNA data. It was agreed to send IDCNA average values for use in the Manual.

GSA, WASHINGTON, D.C., MAY 7, 1968

This agency was visited for the purpose of attempting to obtain revision to GSA Specifications pertaining to the use of flexible duct systems products.

ASHRAE MEETING, LAKE PLACID, N.Y., MAY 24, 25, 1968

This meeting was attended for the purpose of attending Committee Meetings of TC 4.1 and 2.4 relating to duct design and thermal insulations.

T & R COMMITTEE MEETINGS, SAN FRANCISCO, CALIFORNIA, JUNE 24, 25, 1968

The Mineral Fiber Section, and Molded Section of the T & R Committee met and discussed the following subjects:

1. Round Robin Thermal Conductivity Testing
2. ASTM Specifications for Stress Corrosion Effect of Thermal Insulations on Stainless Steel
3. Fire Testing of Thermal Insulations
4. MIL-I-24244
5. Rewrite of MH-I-558.

T & R COMMITTEE MEETING, NEW YORK, NEW YORK, AUGUST 28, 1968

The Committee met for the purpose of formulating an industry approach to be presented to the Naval Ships Command relative to MIL-I-24244.

ELECTRIC BOAT, GROTON, CONNECTICUT, SEPTEMBER 19, 1968

A group from the T & R Committee met with Mr. I. Glass of Electric Boat to discuss revisions to MIL-I-24244.

MOLDED SECTION REPORT

In the Chairman's absence, J. M. Barnhart reported on the activities of the Committee in accordance with the Minutes of their Meeting, which is attached hereto and made part of these Minutes.

MINERAL FIBER SECTION REPORT

W. T. Irwin reported as follows:

The T & R Committee met on June 24 and 25, 1968. Actions taken by the Mineral Fiber Section since the Spring Meeting are:

1. Guide Specification CE-201.01, Metal Buildings. This was reviewed and revisions suggested in letter of August 9, 1968 to the Office of the Chief of Engineers.

2. Mil. Spec. MIL-I-742 C.
Recommendation in letter dated August 9, 1968 that fiber diameter requirements be deleted as unnecessary in a specification based on performance.
3. Mil. Spec. MIL-I-22344 B.
Recommendation to delete fiber diameter requirements and increase density permitted up to 8 lbs/cu. ft. was made to Dept. of Navy in letter of January 17, 1968.
4. ASTM combined specifications C 378 and C 392.
Recommendation made to delete section on Alkalinity. No member offers a Class 4 product under this specification.
5. U.L. Fire Hazard Classification
U.L. receptive to idea of classification. NIMA T & R considering proposal for 3 classes based on flame spread and smoke developed ratings.

<u>Class</u>	<u>Flame Spread</u>	<u>Smoke Developed</u>
1	25 max.	50 max.
2	50 max.	200 max.
3	100 max.	Greater than 200

Subject on Agenda for November meeting.

6. Fed. Spec. HH-I-545, Duct Lines
Recommended that Government T & R request GSA amend HH-I-545 in line with NIMA Standard for Duct Liner. This specification on agenda for November meeting of T & R. (Should be on Duct Systems?)
7. Fed. Spec. HH-I-558.
Suggested revisions to this specification are on agenda for November meeting.

DUCT SYSTEMS COMMITTEE REPORT

J. M. Barnhart reported on the activities of the Committee in accordance with the Minutes of their Meetings which are attached and made part of these Minutes.

EDUCATION COMMITTEE REPORT

In the Chairman's absence, J. M. Barnhart reported on the activities of the Committee and included the following:

1. Meetings with the IDCA Regional Contractor Associations

2. Insulation Hygiene Council Meetings

3. Meeting with Lynn Schall, New Jersey Department of Health

It was recommended to the Board of Directors that the Education Committee meet with the Health Departments of various states. The Board of Directors approved this recommendation.

OCCUPATIONAL HEALTH & SAFETY COMMITTEE REPORT

Dr. L. B. Grant reported as follows:

The Committee met twice since the last Board meeting in April, 1968.

The first meeting was on July 23, 1968, and the minutes of this meeting are attached. The highlights of this meeting included

A joint meeting with the Duct Committee at which it was decided to request a study proposal from Kettering Laboratory which was to be a follow-on of the fiber glass duct erosion studies that laboratory had recently completed under laboratory conditions. The study proposal would be concerned with installed fiber glass duct liners and systems to again determine to what degree, if any, they produced fiber glass in air of respirable size through fiber glass erosion.

A progress report on the United States Public Health Service mineral fiber industry study.

A progress report on the Industrial Hygiene Foundation mineral fiber study.

A review and approval of a draft of text for the NIMA NEWS relating to activities of the Health and Safety Committee.

A review of a research proposal requested by the Committee from W. Clark Cooper, M.D., School of Public Health, University of California in Berkeley. The purpose of the study would be to quantitate the fiber glass exposures of a group of insulation workers. Dr. Cooper and his group have previously quantitated the asbestos exposure of this same group of insulation workers and published this study. The Committee agreed that the NIMA Board should be appraised of the research proposal and the Committee's opinion that such research is necessary because no information is presently available that quantitates the fiber glass exposure to workers.

other than in the manufacture of fiber glass. The Committee members representing the fiber glass manufacturers will meet with Dr. Cooper and his group to further consider the proposal. Such research would be jointly sponsored by these companies.

The second meeting of the Committee was on October 4, 1968, at the Kettering Laboratory to discuss the follow-on installed fiber glass duct erosion studies referred to above. The minutes of this meeting will be made available at a later date. The Kettering Laboratory was requested to prepare a study proposal for the Committee's consideration.

Progress at the time of this writing on the research studies requested by NIMA and/or NIMA member companies being performed by the Industrial Hygiene Foundation and the United States Public Health Service is progressing satisfactorily. A twelve-month progress report of the fibrous glass inhalation study indicates that fibrous glass dust inhaled into the lungs of rats and hamsters is biologically inert. Thus far, the U.S.P.H.S. has microfilmed over 50,000 records of former employees at two Owens-Corning Fiberglass Plants and has performed environmental studies at these plants.

Committee membership changes include the addition of Mr. Walter Gubar of Certain-Teed/Gustin-Bacon.

NOMINATING COMMITTEE REPORT

In the Chairman's absence, J. M. Barnhart reported that the Nominating Committee proposes the following slate of Officers and Directors be placed in nomination for the year 1968-1969:

President	-	R. L. Strickland
Vice President	-	P. D. Kaley
Treasurer	-	J. F. Vyverberg

A motion was made, seconded and passed

That the Office of Treasurer be appointed
by the President

BOARD OF DIRECTORS

R. L. Strickland, Chairman	-	Certain-Teed/St. Gobain
J. H. Boynton	-	Owens-Corning
T. S. Clousing	-	Forty-Eight Insulations
R. W. Henry	-	GAF
P. D. Kaley	-	PPG Industries
R. E. Naylor	-	Johns-Manville
M. M. Wilson	-	Baldwin-Ehret-Hill

A motion was made, seconded and passed

That the Slate of Officers and Board of Directors as proposed by the Nominating Committee be elected.

J. H. Boynton was appointed Treasurer by President R. L. Strickland.

OTHER BUSINESS

- (a) The subject of full guarantee on contract specifications was discussed.
- (b) The T & R Committee was asked to review Specification "K" values of fibrous glass insulations, and are asked to review the subject of temperature limits of fibrous glass pipe insulation.

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APPROVAL OF THE MINUTES OF THE BOARD OF DIRECTORS MEETING

A motion was made, seconded and passed

That the Minutes of the Board of Directors Meeting of April 16, 1968, as bulletined by the Association, be approved.

TREASURER'S REPORT

J. F. Vyverberg outlined the Association's Balance Sheet, Statement of Income and Expenditures, Comparison of Actual Expenses to Budget, and the Duct Systems Program as of August 31, 1968.

A motion was made, seconded, and passed to accept the Treasurer's Report.

1969 BUDGET

A motion was made, seconded, and passed

That the Budget for 1969 shall be in the amount of \$42,950.00.

OTHER BUSINESS

- (a) R. L. Strickland appointed the following to serve on the Executive Committee for 1968-1969.

R. L. Strickland
J. H. Boynton
R. W. Henry
R. E. Naylor
M. M. Wilson

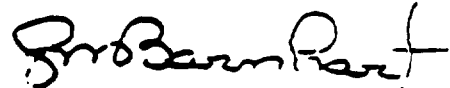
- (b) Spring Meeting - April 28 and 29, 1969
Seaview Country Club
Absecon, New Jersey

- (c) J. H. Price and J. A. Suddeth indicated they would let the NIMA office know within 30 days as to their decision of joining the Association.

ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted,



J. M. Barnhart