

MINUTES
of the
SPRING MEETING
NATIONAL INSULATION MANUFACTURERS ASSOCIATION
Chicago, Ill. April 12, 1966

The meeting was called to order at 9:15 A. M. by President M. M. Wilson with the following in attendance:

Baldwin-Ehret-Hill, Inc. Trenton, N. J.	M. M. Wilson K. M. Ritchie
Fibreboard Paper Products Corp. San Francisco, Calif.	F. A. Nordstrom H. P. Hoopes J. M. Collins
Forty-Eight Insulations, Inc. Aurora, Ill.	T. S. Clousing
Gustin-Bacon Mfg. Company Kansas City, Mo.	A. L. Gustin III K. M. Sodergren
Johns-Manville Sales Corp. New York, N. Y.	M. W. Burleson
Owens-Corning Fiberglas Corp. Toledo, Ohio	J. F. Vyverberg
Pittsburgh Plate Glass Co. Pittsburgh, Pa.	P. D. Kaley R. L. Loeffler H. O. Mulky
The Ruberoid Company New York, N. Y.	R. W. Henry
Cadwalader, Wickersham & Taft	G. D. Reycraft
National Insulation Mfrs. Assn.	J. M. Barnhart

APPROVAL OF MINUTES

A motion was made, seconded and passed

That the Minutes of the Meeting of October 14, 1965,
as bulletined by the Association, be approved.

TRAFFIC COMMITTEE REPORT

K. L. Sodergren reported as follows:

Two joint Traffic Committee meetings have been held during the present year. On January 11, 1966 the Traffic Committees met at the Chase-Park Plaza Hotel in St. Louis, Missouri. On March 28, 1966 the Traffic Committees met at the Belmont Plaza Hotel in New York. The following NIMA members were present at this meeting:

C. M. Gergel	Baldwin-Ehret-Hill, Inc.
E. W. Zimmerman	Ruberoid Company
D. J. Sheehan	Ruberoid Company
C. R. Looney	Pittsburgh Plate Glass Co.
J. J. Horrigan	Owens-Corning Fiberglas Corp.
J. M. Barnhart	NIMA
A. L. Wallner	Johns-Manville Sales Corp.
K. L. Sodergren	Gustin-Bacon Mfg. Company

The principal subject of discussion at both meetings was National Classification Board Docket 122 Subject 75, later replaced by Docket 123 Subject 164. This proposes the cancellation of all LTL ratings in the insulating materials group presently listed in National Motor Freight Classification A-8, and would establish LTL density ratings on all insulating materials based on the following ratings:

Less than 3 pounds per cubic foot	Class 300
3 pounds but less than 6 pounds per cubic foot	" 200
6 pounds but less than 9 pounds per cubic foot	" 125
9 pounds but less than 12 pounds per cubic foot	" 100
12 pounds but less than 15 pounds per cubic foot	" 85
15 pounds or over per cubic foot	" 70

The effect on the industry would be drastic if these ratings are adopted and would completely disrupt marketing practices and distribution of these products via motor common carrier service. The policing of proper density ratings, both by shipper and carrier, would be almost impossible due to the voluminous number of products manufactured in the industry.

The Committee has accumulated substantial product data to be used in opposing these changes and additional data has been requested from each member to be submitted to Jack Barnhart containing the following information:

1. Bill of lading description and item number in N. M. F. C. #A-8,
2. Generic name - as known in the trade,
3. Total number of sizes. -
4. Total number of articles - complete product line.
5. Percent to total sales by sizes (estimate).
6. Weight density range (minimum, maximum and average).
7. Percent of total truck shipments shipped T/L and LTL.
8. Average number of shipments per day.
9. Average number of different weight densities per shipment.

After Jack Barnhart has received all of the above information he will endeavor to compile a complete compilation by bill of lading description and product name as known in the trade for further review by the Committees prior to a hearing before the National Classification Board on July 26, 1966. Although this represents substantial work by Committee members, it is imperative to conduct this survey in an effort to defeat the Board proposals.

All Committee members have also been requested to write to motor carrier representatives on the National Classification Committee expressing opposition to the proposals and urging these carriers to recommend disapproval of both subjects by the Board.

The Committee discussed the subject of mineral wool cement and efforts by a company in Texas to change the classification of this product. At the present time there are four subjects before the railroad Uniform Classification Committee in Chicago, however latest advice from the Committee indicates they are still on the active postponed list. These are Subjects 4, 5 and 15 of Docket 234 and Subject 15 of Docket 237.

Statements made by several members indicate opposition to the establishment of additional classifications and the ruling by the Western Weighing and Inspection Bureau pertaining to cement produced by Ryder Industries of Dallas, Texas. A further hearing will be scheduled by the Uniform Freight Classification Committee in an effort to resolve the proper classifications on these items.

Due to the current critical shortage of railroad freight cars recent I. C. C. Service Orders have revised the demurrage rules and detention time on box cars. Latest I. C. C. Service Order 979 Revised excludes Saturdays, Sundays and holidays in computing free time, however these days are included in

determining car detention (\$10.00 for the first four days and \$15.00 for each day thereafter) if such days follow after the first 48 hours of free time allowed.

Other I. C. C. Service Orders have reduced the free time allowed at U. S. ports on export-import traffic and have restricted the use of box cars owned by the Great Northern and Northern Pacific railroads to movements on or via points served by these railroads.

The uniform Freight Classification Committee has established a carload rating of Class 85, minimum 10,000 lbs., subject to Rule 34 on round fiberglass duct effective May 1, 1966. Previously no carload rating existed on this product and all shipments were subject to a Class 300 AQ rating regardless of weight in the car.

Proposals to have uniform descriptions published in all territories on insulating materials in railroad exceptions tariffs have not yet been filed, however this action will be taken later this year with the various rate jurisdictions representing the railroads.

The Committee recognizes efforts by both railroads and motor carriers to increase rates and ratings on insulating materials due to a concerted campaign by the carriers to increase revenues on light density products. We will make every effort to prevent increases from being approved and maintain close vigilance on all proposals by both carrier groups during the ensuing year.

A motion was made, seconded and passed to accept the Committee report.

MARKETING RESEARCH COMMITTEE REPORT

R. L. Loeffler reported as follows:

The Marketing Research Committee report for the "Spring" meeting last year presented a historical review of significant committee activities and achievements during recent years. While substantial efforts had been exerted on special assignments in prior years, the principal contributions of this Committee have been in the improvement of NIMA member shipments data. As a result of this review, Committee activities since then have been limited to the NIMA statistical program.

Government Survey - There has been no contact with the Census Bureau concerning the proposed annual census of insulation materials since the NIMA annual meeting in October, 1965. At that meeting the Directors decided that the government proposal would serve no useful purpose to NIMA.

Products Reported - A listing of products reported in each category on the NIMA report form, by company and trade name, was issued on February 16, 1966. The categories affected by withdrawal of Eagle-Picher and Pittsburgh Corning can be determined by comparing the February listing to the one submitted on October 15, 1965. Shipments reported for these two former members were terminated with December, 1965 data.

Elastomeric Pipe Insulation - The Committee suggested that present NIMA members probably account for a substantial segment of this product's application in the industrial insulation market through associated contract operations. The Directors were polled to determine their interest in reporting shipments of elastomeric pipe insulation --- the decision was to not report at this time.

Reporting Time Lag - January, 1966, reports were late because of heavy year-end workload schedules of some members. February reports followed January's by a week, and it now appears that our consolidated statistical report will be received regularly within four weeks after month's end. This represents a considerable improvement over the former two month's end.

Freight - Our statistical program instructs members to report net dollar value at the plant. The NIMA statistics therefore exclude freight, all discounts and allowances, and credit on returned and damaged goods.

Industry terms are full freight allowed (FFA). Because of the difficulty experienced by some members in submitting net value of shipments at the plant (requires backing out estimated freight charges), the Committee suggests that the Directors consider changing to a net plus freight basis.

Duct Liner - At the October, 1965, annual meeting, the Committee recommended that duct liner be reported in a separate category effective with January, 1966, shipments. The suggestion was turned down at that time, but after further deliberation was approved by special ballot conducted this year.

Some members have reported their March shipments as of this meeting date, therefore we suggest that members submit separate reports covering duct liner shipments for 1965, in total---followed by liner shipments by month, by state, for 1966.

The special duct liner report is designed as a recap, therefore members should also continue reporting duct liner in the regular report.

(A motion was made, seconded and passed that the Committee report be accepted.

TECHNICAL COMMITTEE REPORT

J. M. Barnhart reported as follows:

Since the October 14, 1965, NIMA Annual Meeting the activities of the Technical and Research Committee have included the following:

October 25 and 26, 1965	BRAB, Washington, D. C.
October 27, 1965	GSA, Washington, D. C.
October 28, 1965	Aluminum Assn., New York, N. Y.
November 4, 1965	Duct Systems Committee, New York, NY
November 5, 1965	NFPA, Boston, Mass.
November 8, 1965	T & R Committee - Rock and Slag, and Glass Section, New York, N. Y.
November 14 - 17, 1965	NFPA, Los Angeles, Calif.
November 19, 1965	NFPA, New York, N. Y.
November 22, 1965	FHA Office, New York, N. Y.
December 10, 1965	NFPA Committee on Air Conditioning Meeting, New York, N. Y.
December 21, 1965	Duct Systems Committee Meeting New York, N. Y.
January 10, 1966	American Standards Association Washington, D. C.
January 11, 1966	Glass Section, New York, N. Y.
January 17, 18, 1966	NFPA Meeting, New York, N. Y.
January 23, 24, 25, 26, 27, 1966	ASHRAE Meeting, Houston, Texas
February 8, 1966	FHA, Washington, D. C.
February 15, 1966	Duct Systems Committee Meeting New York, N. Y.

TECHNICAL COMMITTEE REPORT (cont'd.)

T & R COMMITTEE, ROCK & SLAG AND GLASS SECTION
NEW YORK, N. Y., NOVEMBER 8, 1965

The Committees met for the purpose of establishing a format for the combining of HH-I-558 and HH-I-559.

NFPA COMMITTEE ON AIR CONDITIONING MEETING
NEW YORK, N. Y., NOVEMBER 11, 1965

The Subcommittee met for the purpose of reviewing the contents of NFPA Standard 90A.

NFPA MEETING, LOS ANGELES, CALIF., NOVEMBER 14 - 17, 1965

This meeting was attended for the purpose of rebutting any actions that might be taken by AISI in connection with non-metallic ducts.

NFPA COMMITTEE ON AIR CONDITIONING, NEW YORK, N. Y.
NOVEMBER 19, 1965

A Subcommittee met for the purpose of discussing duct liners and duct coverings that are used in connection with sheet metal ducts.

FHA OFFICE, New York, N. Y., NOVEMBER 22, 1965

This agency was visited for the purpose of ascertaining their policy with respect to insulation specifications. It had been reported that FHA remove the "or approved equal" from specs, thus limiting competitive bidding.

DUCT SYSTEMS COMMITTEE MEETING, NEW YORK, N. Y.
DECEMBER 21, 1965

The Committee met for the purpose of finalizing plans, including the budget, for 1966.

AMERICAN STANDARDS ASSOCIATION, WASHINGTON, D. C.
JANUARY 10, 1966

The author was appointed to a Committee to revise the National Plumbing Code, Plumbing, Piping and Equipment Insulation. The Committee met for the purpose of discussing this subject.

SPECIAL GLASS SECTION MEETING, NEW YORK, N. Y.
JANUARY 11, 1966

This Committee met for the purpose of discussing flame spread tests of fibrous glass pipe insulation.

TECHNICAL COMMITTEE REPORT (cont'd)

February 21, 1966	Rock & Slag Section and Glass Section T & R Committee Meeting New York, N. Y.
February 25, 1966	Buerkel & Co., Boston, Mass.
March 15, 1966	Cossentini Assoc., Chicago, Ill.
March 16 & 17, 1966	BRAB, Washington, D. C.
March 21, 1966	ASA Committee 112.28 Washington, D. C.
March 31 & April 1, 1966	NIMA T & R Committee Meeting New York, N. Y.
April 3, 4, 5 & 6, 1966	ASTM Committee C-16 Meeting Norfolk, Va.

BRAB WASHINGTON, D. C., OCTOBER 25 & 26, 1965

A meeting was attended of the BRAB Committee for developing performance characteristics for chilled, warm and dual temperature underground distribution systems.

GSA, WASHINGTON, D. C., OCTOBER 27, 1965

This agency was visited with several members of the Rock & Slag Section and Glass Section of the T & R Committee for the purpose of finalizing the format of HH-I-558 and HH-I-559.

ALUMINUM ASSOCIATION, NEW YORK, N. Y., OCTOBER 28, 1965

The Association was contacted to enlist their support in connection with the fibrous glass duct program.

DUCT SYSTEMS COMMITTEE MEETING, NEW YORK, N. Y. NOVEMBER 4, 1965

The Committee met for the purpose of establishing a budget and formulating a program for 1966.

NFPA, BOSTON, MASS., NOVEMBER 5, 1965

This Association was visited in connection with the NFPA Committee on Air Conditioning.

TECHNICAL COMMITTEE REPORT (cont'd.)

T & R COMMITTEE, ROCK & SLAG AND GLASS SECTION
NEW YORK, N. Y., NOVEMBER 8, 1965

The Committees met for the purpose of establishing a format for the combining of HH-I-558 and HH-I-559.

NFPA COMMITTEE ON AIR CONDITIONING MEETING
NEW YORK, N. Y., NOVEMBER 11, 1965

The Subcommittee met for the purpose of reviewing the contents of NFPA Standard 90A.

NFPA MEETING, LOS ANGELES, CALIF., NOVEMBER 14 - 17, 1965

This meeting was attended for the purpose of rebutting any actions that might be taken by AISI in connection with non-metallic ducts.

NFPA COMMITTEE ON AIR CONDITIONING, NEW YORK, N. Y.
NOVEMBER 19, 1965

A Subcommittee met for the purpose of discussing duct liners and duct coverings that are used in connection with sheet metal ducts.

FHA OFFICE, New York, N. Y., NOVEMBER 22, 1965

This agency was visited for the purpose of ascertaining their policy with respect to insulation specifications. It had been reported that FHA remove the "or approved equal" from specs, thus limiting competitive bidding.

DUCT SYSTEMS COMMITTEE MEETING, NEW YORK, N. Y.
DECEMBER 21, 1965

The Committee met for the purpose of finalizing plans, including the budget, for 1966.

AMERICAN STANDARDS ASSOCIATION, WASHINGTON, D. C.
JANUARY 10, 1966

The author was appointed to a Committee to revise the National Plumbing Code, Plumbing, Piping and Equipment Insulation. The Committee met for the purpose of discussing this subject.

SPECIAL GLASS SECTION MEETING, NEW YORK, N. Y.
JANUARY 11, 1966

This Committee met for the purpose of discussing flame spread tests of fibrous glass pipe insulation.

TECHNICAL COMMITTEE REPORT (cont'd.)

NFPA AIR CONDITIONING COMMITTEE MEETING
NEW YORK, N. Y., JANUARY 17, 18, 1966

This Committee met for the purpose of discussing changes to NFPA Standard 90A.

ASHRAE MEETING, HOUSTON, TEXAS
JANUARY 23, 24, 25, 26, 27, 1966

During the meeting Committee 2.4 met for the purpose of finalizing data, write ups, etc., for the 1967 ASHRAE GUIDE.

FHA, WASHINGTON, D. C., FEBRUARY 8, 1966

This agency was visited for the purpose of ascertaining the status of the BRAB Report pertaining to fire tests and to determine why FHA Report 954 was issued when it does not constitute an FHA Standard.

DUCT SYSTEMS COMMITTEE MEETING
NEW YORK, N. Y. FEBRUARY 15, 1966

The Committee met for the purpose of finalizing the duct systems technical program.

ROCK & SLAG SECTION AND GLASS SECTION T & R COMMITTEE
MEETING, NEW YORK, N. Y., FEBRUARY 21, 1966

The Committees met for the purpose of finalizing the combined Federal Specifications HH-I-558 and HH-I-559.

BUERKEL & CO., BOSTON, MASS. FEBRUARY 25, 1966

This consulting engineering firm was visited for the purpose of obtaining typical air conditioning layout drawings of buildings in and around Boston, Mass., in connection with the Duct Systems Committee Technical Program.

COSENTINI ASSOCIATES, CHICAGO, ILL., MARCH 15, 1966

This consulting engineering firm was visited for the purpose of obtaining typical air conditioning layout drawings of buildings in and around Chicago, Ill., in connection with the Duct Systems Committee Technical Program.

BRAB, WASHINGTON, D. C., MARCH 16 & 17, 1966

The meeting of the BRAB Committee for developing performance characteristics for chilled, warm and dual-temperature underground distribution systems was attended.

TECHNICAL COMMITTEE REPORT (cont'd.)ASA COMMITTEE 112.28 COMMITTEE MEETING
WASHINGTON, D. C., MARCH 21, 1966

The final meeting of this Committee was held in connection with revising the National Plumbing Code.

NIMA T & R COMMITTEE MEETING, NEW YORK, N. Y.
MARCH 31 & APRIL 1, 1966

Subjects included on the Agenda for the meeting were:

1. Thermal Conductivity Round Robin
2. Naval Boiler & Turbine Laboratory Proposal
3. ASTM Specifications
4. Stress Corrosion of Austenitic Stainless Steel

ASTM C-16 COMMITTEE NORFOLK, VA.
APRIL 3, 4, 5, & 6, 1966

The various Subcommittee Meetings were attended.

A motion was made, seconded and passed that the Committee report be accepted.

MINERAL FIBER SECTION REPORT

K. M. Ritchie 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.

A motion was made, seconded and passed that the Committee report be accepted.

MOLDED SECTION REPORT

H. P. Hoopes 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.

Further, he reported as follows on "Thermal Conductivity Round Robin" and asked the Board of Directors to determine whether this subject should be continued:

MOLDED SECTION REPORT (cont'd.)

Thermal Conductivity, one of the most important qualities we, as an Industry, are selling, has no published laboratory testing procedure that can either (1) be used for constructing equipment or (2) be followed to get reproducible results.

Round Robin testing by competent product manufacturer laboratories (using their own equipment and procedures) did not give the same results on the same sample used by each (10% deviation).

An attempt has been made to delineate important omissions of the present ASTM Specifications.

Propose, these papers be studied and rewritten until word for word agreement can be reached by the Technical Committee of NIMA.

Propose, detail review of results of Round Robin to learn differences in laboratory techniques.

Having done these things, a proper specification can be written
 test equipment can be built-
 results can be reproduced - one laboratory
 to another

Cost could be as much as 500 man hours per company over a period of 1, 2 or 3 years.

Manufacturers' literature on similar types of products vary. For example, some glass products vary 20% (@ 75F from .25 to .30).

A motion was made, seconded and passed to accept the Committee report.

* * * * *

The Board of Directors discussed the request of continuing "Thermal Conductivity Round Robin". Inasmuch as it was felt that no conclusion can be drawn at this time this subject is to be put on the Agenda of the next T & R Committee Meeting. Committee members should consult with their principals and come to the meeting prepared to come to a conclusion as to whether to continue this subject.

DUCT SYSTEMS COMMITTEE REPORT

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.

DUCT SYSTEMS COMMITTEE REPORT (cont'd.)

A motion was made, seconded and passed to accept the Committee Report.

NOMINATING COMMITTEE APPOINTMENT

President M. M. Wilson appointed Messrs. M. W. Burleson, Chairman, R. W. Henry and P. D. Kaley as the Nominating Committee to propose a slate of officers and Directors for nomination for election at the Annual Meeting.

INCORPORATION OF NIMA

The Executive Committee has recommended that NIMA be incorporated under the laws of New York State.

A motion was made by M. W. Burleson, seconded by J. F. Vyverberg and unanimously passed by the members present

That NIMA be incorporated under the New York
Stats laws.

The necessary papers were signed.

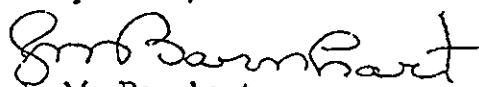
REMARKS OF LEGAL COUNSEL

Mr. Daniel C. ...

ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted


J. M. Barnhart