

June 28, 1962

Pittsburgh Corning Corp.
Gustin-Bacon Mfg. Company
Johns-Manville Sales Corp.
Baldwin-Ehret-Hill Inc.
Eagle-Ficher Company
Owens-Corning Fiberglas Corp.
Johns-Manville Sales Corp.
NIMA

It was agreed that the present policy of holding 3 or 4 meetings per year was sufficient. It was decided that it would be desirable that the marine agencies and land agencies hold separate meetings; both meetings held on the same morning with a luncheon and joint meeting in the afternoon.

The following items will be included on future agendas:

1. Combined Federal Specifications
2. Economic Thickness
3. Definitions and Glossary of Terms
4. Recommended Practices
5. Bibliography
6. Government Agencies to Provide NIMA with List of Their Specifications

The various Committee members located in Washington, D. C., are to determine from the Government agencies whether there is a need for an NIMA Standard and/or Commercial Standard pertaining to thermal insulation.

It was the consensus that NIMA should support ASTM specifications for materials and methods of tests, and that NIMA should write Recommended Practises on subjects such as "How to Calculate Heat Losses", "Thickness to Prevent Condensation", and "Economic Thickness", etc.

EVALUATION OF PAST MEETINGS

It was agreed that the NIMA meetings were valuable and constructive.

OTHER BUSINESS

(a) Mr. W. E. Miller is to forward to the NIMA office a copy of the Washington, D. C. fire test.

(b) A complete mailing list will be sent to the NIMA office by Mr. W. E. Miller.

Write to Corps of Engineers suggesting that Guide Specifications be made available thru the Government Printing Office.

ADJOURNMENT

(There being no further business, the meeting was adjourned.

Respectfully submitted

J. M. Barnhart

TECHNICAL T & R COMMITTEE REPORT (cont'd.)

September 23 thru 25

ASTM Meeting, Asheville, N. C.

The Minutes of the various Committee meetings have been circulated and will form a part of this report.

NIMA GOVERNMENT T & R COMMITTEE MEETING
WASHINGTON, D. C. JUNE 26, 1962

A meeting of NIMA members of this Committee met for the purpose of evaluating past meetings and to set up programs for future meetings. The next meeting is scheduled for sometime during the early Fall.

ASHRAE TECHNICAL COMMITTEE 2.4 - NEW YORK, N. Y., JULY 3, 1962

The members of this Committee charged with the responsibility of rewriting the section in the ASHRAE GUIDE pertaining to pipe insulation met for the purpose of discussing the contemplated changes. Copies of the rewrite were sent to the Committee members for perusal.

NYSDPW - ALBANY, N. Y., AUGUST 16, 1962

Several members of the T & R Committee, Glass Section, met with specification writers of the New York State Department of Public Works and discussed the status of fibrous glass insulations in State specs. The State agreed that 3-1/2 pcf minimum fibrous glass would be put back into the specs providing the test project at Willard State Hospital is operating satisfactorily September 1, 1962.

ASSOCIATED INSULATION CONTRACTORS OF THE WESTERN STATES
MEETING - VALCOUVER, B. C., AUGUST 24, 1962

The writer attended this meeting for the purpose of explaining the Economic Thickness Manual to the group. Several other meetings to other regional contractors groups is scheduled in the near future.

NIMA T & R COMMITTEE MEETING - NEW YORK, N. Y., SEPTEMBER 19, 1962

Subjects discussed at this meeting included the following:

1. Basis of Calculating Heat Losses
2. Common Basis of Presenting Economic Thickness
3. "t" Values - ASHRAE GUIDE
4. Economic Thickness Study (Cold Study)
5. Recommended Practice for Determining O.D.'s of Rigid Thermal Tube Insulation

NIMA T & R COMMITTEE MEETING - NEW YORK, N. Y.
SEPTEMBER 19, 1962 (cont'd.)

6. BRAB Request re: Trade Names and Physical Characteristics of Thermal Insulation
7. Philosophy re: QPL in Specifications
8. Packaging Requirements in Government Specifications

ASTM MEETING - ASHEVILLE, N. C., SEPTEMBER 23, 24, 25, 26, 1962

NIMA submitted some 13 specifications to the various ASTM Subcommittees for consideration. For the next ASTM meeting, NIMA will be working on 9 specifications in addition to serving on 2 Task Forces; Task Force on "workmanship" clause and Task Force on revision of "Test for Thickness and Density of Blanket- or Batt-Type Thermal Insulating Materials".

PREFABRICATED DUCT SYSTEMS

Underwriter's Laboratories are reviewing NIMA's comments pertaining to UL subject number 181, Air Ducts, and will supply us with a detailed reply in the near future.

The National Board of Fire Underwriters is considering changes in NBFU Standard 90A and 90B to permit more extensive use of prefabricated ducts in commercial and residential construction. These changes are to be finalized by November 1, 1962, by NBFU.

THERMAL CONDUCTIVITY CALIBRATION

The conductivity calibration testing program is proceeding as scheduled. A Committee meeting will be scheduled as soon as the latest series of tests are completed.

ROCK & SLAG SECTION REPORT

In Chairman P. L. Losse's absence Mr. 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.

GLASS SECTION REPORT

Chairman C. E. Ernst reported as follows:

At the September 18 meeting of the Technical & Research Committee, the Glass Section and the Rock & Slag Section reviewed comments received on the Proposed Federal Specifications for Elevated and Low Temperatures. Further revisions were made and the specifications will be circulated to the committee for approval and/or comments.

GLASS SECTION REPORT (cont'd.)

The draft of the Proposed Federal Specification for Duct Liners was reviewed. The draft is to be rewritten to include requirements contained in the duct liner specification written by the Prefabricated Duct Committee.

Commercial Standards CS-105 and CS-117 were reviewed and found out of date and no longer serving a useful purpose. The manufacturers will be polled on the subject of rescinding these Standards.

Since the March 8 meeting the draft of MIL-I-742A was approved and forwarded to the Bureau of Ships for consideration. The Bureau has submitted their revised specification for NIMA review. This revision includes most, but not all of the Committee's suggested changes. The members are to send comments to Mr. Barnhart for forwarding to the Bureau.

This specification brought the subject of fiber diameter in specifications, which has previously received considerable attention in connection with MIL-I-742A as well as MIL-I-22023 and 22344. Consideration was given to asking the agencies to delete the requirement. The manufacturers are to be polled on the subject.

In the meantime there is a need for standards for measuring fiber diameter. The Bureau of Standards is to be asked if it is feasible for them to establish such standards based on the Micronaire method.

The test project at Willard State Hospital has been in service 6 months and is to be inspected on October 11 by Mr. Cloke, Chief Mech. Engr. NYDPW. Members of the Glass Section of the T & R Committee will be present. Mr. Cloke has indicated that satisfactory performance for the 6 months period will justify reinstatement of glass fiber insulations in the State specifications.

We have been advised that the Economic Thickness (Cold) Study is in its final stages of completion and should be ready about November 15. Some test cases indicate that condensation thicknesses will exceed economic thicknesses for the majority of applications.

The committee on the method of presenting economic thickness has found that conditions fitting the process industries cannot be selected from the present elevated temperature manual. This stems from the first meeting with Union Carbide and University of W. Virginia personnel when the NIMA representatives made the point that the built in cost factors relating to maintenance, and particularly return and investment, would not be universally acceptable. NIMA asked for sample calculations covering such items not detailed in the manual as written. These were promised but never supplied as such. We finally managed to get sufficient information from Prof. Cather to change the B or insulation cost factors as required. The committee will make further recommendations.

MOLDED SECTION REPORT

In Chairman H. P. Hoopes' absence, Mr. 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.

TRAFFIC COMMITTEE REPORT

In Chairman A. Wallner's absence, Mr. J. M. Barnhart read the report of the Traffic Committee which is attached hereto and made part of these Minutes.

MARKETING & RESEARCH COMMITTEE REPORT

In Chairman J. E. Robarge's absence, Mr. 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.

PUBLICITY COMMITTEE REPORT

Mr. Sumner Rider, Publicity Counsel, reported on the activities of the Committee for the past year.

NOMINATING COMMITTEE REPORT

Mr. J. Vyverberg reported that the Nominating Committee, consisting of Messrs. J. Vyverberg, Chairman, R. E. Buckley, and Ike Keith proposed the following slate of Officers and Directors be placed in nomination for the year 1962-1963:

OFFICERS:

President
Vice President

F. W. Muller
L. T. Choate

BOARD OF DIRECTORS:

F. W. Muller, Chairman
B. E. Bryans
R. E. Buckley
M. W. Burleson
G. J. Christner
L. T. Choate
T. S. Clousing
P. D. Kaley
Ike Keith
N. L. Morell
W. G. Neal
J. Vyverberg
M. M. Wilson

Gustin-Bacon Mfg. Company
Fibreboard Paper Products Corp.
Pittsburgh Corning Corp.
Johns-Manville Sales Corp.
The Eagle-Picher Company
Mundet Cork Corp.
M. H. Detrick Company
Pittsburgh Plate Glass Co.
Forty-Eight Insulations, Inc.
N. L. Morell
The Ruberoid Company
Owens-Corning Fiberglas Corp.
Baldwin-Ehret-Hill, Inc.

NOMINATING COMMITTEE REPORT (cont'd.)

A motion was made, seconded and unanimously passed

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

Mr. F. W. Muller presented the Committee Chairman with a token of
appreciation on behalf of the Association.

Mr. L. T. Choate presented Mr. F. W. Muller with a gift in appreciation
of his efforts on behalf of the Association.

REMARKS OF LEGAL COUNSEL

REPORT (cont'd.)

ed and unanimously passed

ficers and Directors as proposed
Committee be elected.

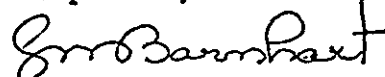
l the Committee Chairman with a token of
Association.

l Mr. F. W. Muller with a gift in appreciation
Association.

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adjourned.

Respectfully submitted


J. M. Barnhart