

MINUTES
of the
GOVERNMENT TECHNICAL & RESEARCH COMMITTEE MEETING
NATIONAL INSULATION MANUFACTURERS ASSOCIATION
Washington, D. C. March 16, 1965

The meeting was called to order at 9:30 A. M. with the following in attendance:

E. L. Broggini	Office Chief of Engineers
J. Wallace	Office Chief of Engineers
F. J. Powell	National Bureau of Standards
S. D. Cole	National Bureau of Standards
N. L. Eure	Federal Housing Authority
R. C. Hale	U. S. Coast Guard - MMT
Lt. N. W. Lemley	U. S. Coast Guard - MMT
T. Pugliese	Bureau of Ships
A. L. Munkres	Bureau of Ships
R. Seith	Bureau of Ships -
J. Ford	U. S. Coast Guard - ENE
J. S. King	Veterans Administration
W. F. Goddard	Veterans Administration
J. Volpe	Bureau of Yards & Docks
R. E. Lyons	General Services Administration
L. H. Mills	General Services Administration
F. A. Govan	Building Research Advisory Board
A. Rusk	U. S. Coast Guard
R. Baker	Pope-Evans-Robbins
R. Austin	Gustin-Bacon Mfg. Company
W. Irwin	Pittsburgh Plate Glass Company
R. E. Harmon	Pittsburgh Plate Glass Company
M. Hay, Jr.	Pittsburgh Plate Glass Company
K. M. Ritchie	Baldwin-Ehret-Hill, Inc.
S. K. Heard	Owens-Corning Fiberglas Corp.
A. E. Kincaid	Owens-Corning Fiberglas Corp.
J. W. Cordrey	Fibreboard Paper Products Co.
W. P. Sinclair	Pittsburgh Corning Corp.
B. Tower	Johns-Manville Sales Corp.
W. W. Acher	Johns-Manville Sales Corp.
C. E. Ernst	Johns-Manville Sales Corp.
W. Miller	Pittsburgh Corning Corp.
J. M. Barnhart	NIMA

FEDERAL SPECIFICATIONS

- (a) HH-I-558(a) & HH-I-559(a) - Mineral Fiber Thermal Insulation for Elevated Temperatures & Low Temperatures - It was stated - that NIMA opposed the specifications in their present form, inasmuch as they were unwieldy and would cause confusion to the user. It was stated that NIMA did not oppose the use of ASTM Specifications, but endorsed their use. It was pointed out that the specifications needed revision before they were promulgated since several of the referenced ASTM Specifications were either being revised, combined or dropped. Further, the procuring agencies lose control of the specifications and thus the products secured by not stating the physical requirements within the specifications proper.

NIMA will write a letter to this effect to Mr. W. S. McLeod of GSA.

- (b) HH-I-00523b - Insulation Block and Pipe Covering Thermal (Calcium Silicate for Temperatures up to 1200F)

The following comments were offered by NIMA to GSA on this specification:

Par 1, 2 - Add a Class D - Dual Temperature Jacket - Change Class E to Class F.

Par 2, 2 - Delete ASTM C 166. Add ASTM C 302, C 203, C 335, C 356 and C 446.

Par 3, 3, 1 - Delete 3" wide block.

Table I - (a) Change "k" values to 0.42, 0.47 and 0.52, at 200F, 300F and 400F mean temperature, respectively.

(b) Change compressive strength (dry) to 60 lbs/sq in.

(c) Change compressive strength (wet) to 25 lbs/sq in.

(d) Change soaking heat test to 6 hours duration.

Table II - Change to decimals.

Par 3, 4, 3, 4 - Change thickness of foil to nominal 1 mil thick and the water vapor transmission to 0.02 perms.

Add Par 3, 4, 3, 5 - Dual Temperature Jacket (For Below Ambient Applications) - The jacket shall be a 3 ply laminant of kraft paper, foil and kraft paper. The water vapor transmission of the jacket material shall not exceed 0.02 perms when tested according to 4, 3, 2, 1.

Par. 4, 3, 2, 1 - Add "Procedure A".

Other suggestions were:

1. Add a minimum weight of canvas to Par 3, 4, 3, 2.

2. Par 3.4.3.3 - Delete "for example", and add other alloys.
3. Par 3.4.3.4.3 - Add a smoke developed rating of 50.

It was pointed out that GSA was in the process of preparing a specification pertaining to low temperature jackets. Date of promulgation is unknown at this time.

SPECIFICATION FOR BUREAU OF YARDS & DOCKS AS PREPARED
BY POPE-EVANS-ROBBINS

This specification had not been reviewed by NIMA inasmuch as copies were not received prior to the meeting. Suggested changes were discussed. The specification will be redrafted and recirculated for comments by Pope-Evans-Robbins. NIMA is to receive 25 copies for distribution to its members.

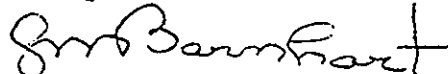
GSA SPECIFICATION - THERMAL INSULATION - MECHANICAL

This specification had previously been reviewed by NIMA and comments given to GSA. Several editorial changes were suggested at this meeting by those present.

ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted


J. M. Barnhart