



MINUTES
of the
TECHNICAL & RESEARCH COMMITTEE MEETING
NATIONAL INSULATION MANUFACTURERS ASSOCIATION
Granville, Ohio June 30, 1966

The meeting was called to order at 9:00 A. M. with the following in attendance:

R. Austin	Gustin-Bacon Mfg. Company
C. Ernst	Johns-Manville Sales Corp.
W. Gubar	Gustin-Bacon Mfg. Company
J. Hughes	Owens-Corning Fiberglas Corp.
A. Kevlin	Owens-Corning Fiberglas Corp.
E. Smith	Johns-Manville Sales Corp.
R. Wilson	Owens-Corning Fiberglas Corp.
J. M. Barnhart	NIMA

The purpose of the meeting was to discuss a test method(s) that could replace the heated tube test required for acceptance of materials for the U. S. Coast Guard and Maritime Administration. This could possibly lead toward the acceptance of mineral fiber pipe insulation, duct board and duct liner by these agencies.

It was agreed that testing of each companies materials has to be done with the following criteria:

- (a) A gross sample representing a composite product has to be used.
- (b) Outside recognized authority has to be used.
- (c) Commercially available products have to be tested.
- (d) Practical test(s) capable of separating the behavioral characteristics in a fire (i. e. surface burning vs total heat) have to be used.

It was agreed that each company would collect data on their individual products with respect to the following methods:

- (a) Heated Tube
- (b) Bomb Calorimeter
- (c) Tunnel Tests
- (d) FM Furnace

The products involved would be the following:

1. Duct

- (a) Duct Liner - Coated and uncoated
- (b) Rectangular Duct System Board - Faced
- (c) Round Duct - Faced
- (d) Duct Wrap - Flexible & Semi-Rigid Board (for use on sheet metal - FSK jacket)

2. Pipe Insulation - FRJ Jacket
Canvas Jacket

3. Basic Board with

- (a) Std canvas plus coatings
- (b) Glass Cloth plus coatings

(EF Coatings 31-26
81-15
31-30)

4. Hullboard - Faced with Glass Cloth

This test data to be assembled and evaluated prior to November 1, 1966.

Since no data is available from the FM Furnace Test (Calorimeter) it was agreed that the following tests would be made at FM. The costs to be shared by the four companies involved. C. E. Ernst is responsible for getting the tests done. One product is to be tested from each company.

- (a) 3-1/2 pcf Pipe Insulation with standard canvas jacket plus coatings.
- (b) 3-1/2 pcf Pipe Insulation with FRJ jacket.
- (c) 3-1/2 pcf Pipe Insulation with glass cloth jacket plus coatings.

(d) Hullboard with glass cloth facings.

ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted

J. M. Barnhart