

MINUTES  
of the

PLAINTIFF'S  
EXHIBIT

MHD-161

COMMERCIAL & MECHANICAL SYSTEMS COMMITTEE MEETING  
NATIONAL INSULATION MANUFACTURERS ASSOCIATION

King of Prussia, Pa.

Sept. 30, Oct. 1, 1971

The meeting was called to order with the following in attendance:

|                       |      |
|-----------------------|------|
| B.F. Leaman, Chairman | C/SG |
| B. Blackwell          | C/SG |
| D. Glosser            | O-C  |
| W.T. Irwin            | PPG  |
| L.H. Mills            | C/SG |
| T. Oneson             | O-C  |
| W.W. Pitkin           | C/SG |
| W.B. Silk             | J-M  |
| R. Ware               | PPG  |
| J.M. Barnhart         | NIMA |

The purpose of the meeting was to define and establish priorities of the Committee in order to carry out the objectives of developing and upgrading of performance standards and promoting the widespread use of the industry's products.

The new Committee structure of NIMA was reviewed.

B. Tower was added to the Committee membership.

L. Mills expressed the opinion that the Government FAR Committee should be retained as a Staff Committee with representatives on each of the Product Development Committees.

It was agreed that the Committee's scope would include the commercial, mechanical, and marine markets; and products with a temperature limit of 500 F, including:

1. pipe
2. duct wrap (shipped in rolls)
3. boards (pieces)
4. blankets

Primarily, these are products that relate to the insulation contractor and are installed by the Asbestos Workers.

The Board of Directors is asked to decide which Committee has jurisdiction of duct wrap. (Air Handling or Commercial Mechanical).

The Board of Directors are asked to consider membership for foamed products in the NIMA structure.

### SPECIFICATIONS

It was reported that the following specifications were being reviewed by the various agencies involved, and that the objective is to devise one government guide specification that all the agencies can follow:

1. H H - I - 558 (GSA)
2. Corps of Engineers
3. Navy Guide Specification

### SHORT TERM & LONG TERM PROJECTS

#### Immediate Projects:

##### (a) upgrading of thicknesses

1. based on NIMA's recommended economic thickness of insulation.
2. based on conservation of energy concept.
3. based on projected costs of labor, insulation, energy, etc.

D. Glosser expects to present to the Board of Directors recommendations based on the above, at their meeting on November 7, 1971.

Promotion of the above will be in the form of a brochure. The cost to be shared by the Committee members.

##### (b) Performance criteria of jackets and facings for mechanical and commercial insulation.

It was reported that ASTM Committee C - 16:00 is developing a specification for vapor barriers based on performance criteria for tensile strength, mildew resistance, rot resistance, corrosion resistance, fire resistance, tear resistance, abrasion, puncture, and water vapor transmission.

A Committee was appointed consisting of J. Mills, Chairman, T. Crason, W.T. Irwin, and J.D. DeDomenico to develop performance criteria for facings for pipe and board products. An initial draft is to be submitted for Committee review prior to Dec. 1, 1971.

## DEES

It was reported that there are code bodies that are considering adopting the use of ASTM E - 136 Heated Tube Test for classifying thermal insulation materials.

The Committee agreed that they should promote the concept of fire hazard classification of 25/50 as measured by ASTM E - 84 Test.

## LAISON

The Committee is concerned regarding the actions of various groups pertaining to their stand taken against fibrous glass duct and the ramifications it has on the total fibrous glass industry.

It is requested that the NIMA Health and Safety Committee keep close liaison with NICA to acquaint them with the medical-scientific, and industrial hygiene facts regarding fibrous glass.

## NEXT MEETING DATE

The next Committee meeting is scheduled as follows:

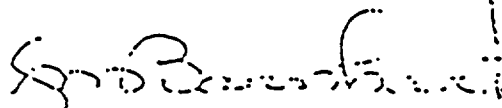
Date: 9:00 A.M., Wednesday, January 26, 1972

Location: J-M Conference Room  
22 East 40 Street  
New York, N.Y.

## ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted,

  
J.M. Barnhart