

MINUTES
of the
TECHNICAL & RESEARCH COMMITTEE MEETING
NATIONAL INSULATION MANUFACTURERS ASSOCIATION
Lake Placid, N. Y. September 19, 1963

Class Section

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

V. L. Miller, Chairman	Pittsburgh Corning Corp.
W. Acker	Johns-Manville Sales Corp.
D. Davis	The Ruberoid Company
H. P. Hoopes	Fibreboard Paper Products Co.
F. Karklin	Mundet Cork Corp.
A. Kevlin	Owens-Corning Fiberglas Corp.
R. S. Miller	The Ruberoid Company
J. M. Barnhart	NIMA

STANDARD METHODS OF TESTS

The list dated 6/1/63 was discussed and several minor changes were noted.

INDEPENDENT LAB TESTING

Mr. R. M. Lander's letter of May 24, 1963, to Mr. V. L. Miller relating to pipe testing was discussed. A copy of this letter will be sent to all Committee members for perusal.

PROPOSED REVISION TO HH-1-523

The draft of this specification dated 7/1/63 was discussed.

Various government agencies seem to be in favor of writing product specifications wherein classes of pipe insulation are based on various jackets or systems of jackets. It was the consensus of the Molded Section that they were definitely opposed to this philosophy of classifying pipe insulation.

A motion was made and unanimously passed that a group of individuals meet with A. Graul of the Bureau of Yards and Docks and attempt to change his mind pertaining to this philosophy.

With respect to the sampling, packaging, assurance quality provisions and inspection levels in all specifications, it was deemed necessary that the industry select proper levels of inspection, etc., that it feels is equitable to all concerned. Letters from M. Streepy and H. P. Hoopes to the Bureau of Ships on this subject will be circulated to the Committee.

This subject will be placed on the Agenda of the next Committee Meeting and a definite conclusion will be reached on this subject at that time.

A letter ballot will be sent to the Committee pertaining to the following specification changes.

MIL-I-2731D

Change par. 4.3 to read as follows: "Sampling for quality conformance inspection. - For purposes of sampling an inspection lot shall consist of all pipe insulation of the same grade, class and type. A block made from the same lot may be used to comply with this specification."

Change Table III - Physical Requirements as follows:

(a) Change density average, lbs/cu ft maximum

Grade I, Class b	14.0
Grade II, Class d	14.0
Grade III, Class e, Type I	14.0
Grade III, Class e, Type II	22.0

(b) Change modulus of rupture (average) lbs/sq in. minimum, and delete footnote.

Grade I, Class b	40
Grade II, Class c	40
Grade II, Class d	40
Grade III, Class e, Type I	40
Grade III, Class e, Type II	60
Grade III, Class f	40

MIL-I-2819

Change Table I - Physical Requirements as follows:

(a) Change density (average), pounds per cubic foot, maximum

Class 1	14.0
Class 2	14.0
Class 3	22.0
Class 4	26.0

- (b) Change modulus of rupture, pounds per square inch, (average) minimum, and delete footnote.

Class 1	40
Class 2	40
Class 3	60
Class 4	65

- (c) Change compressive strength at 5% deformation (average) minimum psi

For class 1, 2, 3 and 4 75.0

HH-I-523

Change Table I - Physical Requirements as follows:

- (a) Change density (average) lbs/cu ft maximum 14.0
- (b) Change modulus of rupture (average) lbs/sq in. minimum, and delete footnote. 40.0
- (c) Change compressive strength (average) (at 5% deformation) lbs/sq in., minimum 75.00

STANDARD FACINGS

This subject was discussed and the following conclusions reached:

1. Whatever the consumer specifies, the manufacturer will supply.
2. In specifications, when practical, the Committee recommends facings.
3. A standard list of facings would serve no useful purpose.

OTHER BUSINESS

It was suggested that the NIMA Government T & R Committee members located in Washington, D. C., should act for the industry when discussing specifications prepared by the Committee.

ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted

J. M. Barnhart