

MINUTES

of the

TECHNICAL & RESEARCH COMMITTEE MEETING

San Francisco, California June 24, 1968

MINERAL FIBER SECTION

The meeting came to order at 9:15 a.m. with the following in attendance:

Mr. C.E. Ernst	(JM)	Mr. B. White	(OCF)
Mr. W. Gubar	(GB)	Mr. T. Campbell	(OCF)
Mr. S. Heard	(OCF)	Mr. W.T. Irwin	(PPG)
Mr. J. Dorsey	(JM)		

AGENDA

1. (a) Revised Guide Specification CE-201.01, Metal Buildings has been submitted to NIMA for comment.

   (b) W.T. Irwin will circulate copies to committee members with the request for comments to be returned by July 10th, 1968.

2. ASTM Specification - Combined C 378 and C 392.

   (a) Copies of this ASTM specification will be circulated to T & R Committee Members by W.T. Irwin.

   (b) Committee unanimously agreed to recommend the deletion of Section 5.1.1 Alkalinity because it is insufficiently definitive. There are two properties of mineral fiber insulation in which alkalinity may have bearing: durability and corrosion resistance. It is believed that resistance to corrosion on steel, aluminum, and copper is of greater importance. If this be the case, a program is required to establish an ASTM test for corrosion and/or establish reliable correlation that alkalinity of 0.60% is a proper measure of corrosion resistance.

   (c) C. Ernst is to check the present status of this specification in ASTM C-16 S-1 and recommend that Alkalinity be deleted.

   (d) W. Irwin to poll members regarding Type 1, Class 4.

3. Exchange of Member Literature

(a) Each member has been requested to send 15 copies of current literature to J.M. Barnhart for collating and distribution to T & R Members by August 1st, 1968.

(b) It is also recommended that this literature exchange be initiated by J.M. Barnhart on an annual basis.

4. Duct Liner Specification

(a) Committee advised that NIMA Duct Comittee has prepared this specification along the lines of Fed. Spec. HH-I-545, UL 181, and the CSI format.

(b) Committee recommends that this specification be reviewed (by the Duct Committee) on an annual basis or as required.

5. Federal Specification HH-I-545

(a) Committee unanimous in opinion that HH-I-545 should stand on its own and not be combined with HH-I-558. Liners are designed for a specific end use and have properties and requirements which should not influence or be influenced by inclusion in the general thermal insulation specification. The different end use, and installation by different trades, and difference in location in guide specifications are considered valid reasons for maintaining the separate specification status for duct liners.

(b) Committee requests J.M. Barnhart to circulate the rewrite of this specification to this Committee reflecting the decisions and discusssions of the joint meeting of NIMA Gov't T & R and GSA in March 1968.

6. Federal Specification HH-I-558

(a) W.T. Irwin to circulate copies of Interim Amendment-1 dated 3rd October 1967 to the Committee. This amendment includes a cross-reference table keying forms and classes of HH-I-558 to forms, classes, and types in the superseded Federal Specifications.

(b) W.T. Irwin to poll member companies regarding need for revisions:

1. Should Form A, Class 4 be retained?

2. Any changes beyond those described in minutes of 14 September 1967 meeting?

The Gov't T & R Committee to be advised of recommended changes. In addition, the Gov't T & R Committee is to be advised of the T & R negative opinion on combining HH-I-545 into HH-I-558.

7. UL Fire Hazard Classification

(a) Committee in accord that best interests of consumers, code writers, manufacturers, and UL would be better served with a revised UL label system based on group classifications. One such class would group products having a flame spread not over 25 and smoke developed not over 50.

(b) At least one member has adopted a voluntary program of promoting this concept.

(c) W. Gubar and W.T. Irwin to prepare and circulate a program to be presented to UL following T & R review. Initial draft is to be completed by July 23rd, 1968.

8. UL Pipe and Equipment Category - Systems

J. Dorsey presented views on potential industry problems connected with establishing pipe insulation systems at UL.

The systems approaches on duct liner, duct wrap have been de-emphasized because of economic, legal, and enforcement difficulties. These same difficulties may also be present if pipe insulation systems are encouraged at UL.

Members are to discuss this situation with their principals and decide on: No action, act as NIMA on pipe systems, act as individuals on pipe systems.

9. Military Specification MIL-I-22344

(a) T. Campbell requested NIMA T & R to seek deletion of fiber diameter requirement and to increase the nominal density upper limit to 8 lbs./ft.^{3}.

(b) W. Irwin to initiate letter ballot by July 5th, 1968.

10. Other Business

Increased activity in all phases of NIMA operations has resulted in increased demands on the time and attention of the Secretary. The T & R Committee believes the Board of Directors will agree that improved effectiveness of internal and external communications will be achieved if full time secretarial services are provided in the NIMA office to relieve some of the increased burden on the Executive Secretary.

11.

The Committee thanks Mr. T. Campbell and Mr. J. Dorsey for all their past services to NIMA and the T & R Committee, and wishes them well in their new responsibilities which unfortunately requires them to relinquish membership on the T & R Committee.

12.

The Committee thanks Mr. K. Ritchie for years of service to NIMA and the T & R Committee and wishes him well upon his retirement.

Respectfully submitted,

W.T. Irwin, Chairman,
Mineral Fiber Section,
NIMA T & R COMMITTEE