FRICTION MATERIALS STANDARDS INSTITUTE, INC., E210, ROUTE #4, PARAMUS, NEW JERSEY

BULLETIN

NO. 428

February 18, 1972

PLAINTIFF'S EXHIBIT

AB-229

To: ALL MEMBERS
SUBJECT: Demonstration - Membrane Filter Method for Airborne Asbestos Measurement
By: W. Reitze, Johns-Manville Corporation.

By earlier bulletins, the membership had been advised that Mr. W. Reitze of Johns-Manville Corporation would give a demonstration on the standard method for measuring airborne asbestos fibers. Mr. Reitze made this presentation on Thursday. February 10, 1972 at the Institute Office in Paramus, New Jersey.

Those Attending:

J. Greenen, President of F.M.S.I.)	
)	Maremont Corporation
R. Hemmelgarn)	Grizzly Brake Division
K. Barnhardt)	
J. Henning	World Bestos Company, Division of The Firestone Tire & Rubber Company
J. Graham	Carlisle Corporation Molded Materials Division
M. Jacko	Bendix Corporation Friction Materials Division
W. Richards	Thiokol Chemical Corporation
W. Reitze	Johns-Manville Corporation
E. W. Drislane	Friction Materials Standards Institute, Inc.

MEASURING AIRBORNE ASBESTOS FIBERS

Mr. Reitze discussed the earlier Impinger Method (no longer accepted) where the air sample is passed through a glass tube bubbler and the fiber is trapped with a subsequent count of fibers.

The currently accepted method calls for measurement of airborne asbestos fiber by the membrane filter method. Briefly, the pick-up is worn by a worker in the area to be measured with a small battery operated vacuum pump taking in air over a specified period - of different times, say 60 minutes, 90 minutes, or four hours. The asbestos fiber is trapped by the membrane filter and then carefully sealed and sent to the laboratory. The sample is examined using an optical microscope where a count of fibers is made.

The details of the test are described in:

"Measurement of Airborne Asbestos Fiber by the Membrane Filter Method" published by the Asbestos Textile Institute.

Asbestos Textile Institute
P. O. Box #239
Pompton Lakes, New Jersey #07442
(Price $1.00 per copy)

The Institute has ordered copies and will send one to each Delegate. If additional copies are desired, it is suggested that the member order the copies directly from the Asbestos Textile Institute.