PLAINTIFF'S EXHIBIT ATI-85
PENGAD-Bayonne, N.J.

Minutes
Air Hygiene and Manufacturing Committee
February 9, 1967
Cherry Hill Inn - Cherry Hill, N.J.

Attending

Members:	W.C. Atkinson, Chairman	Johns-Manville Products Corp.
	C.L. Sheckler	" " " "
	L.C. Williams	Raybestos-Manhattan Inc.
	H. Walter	American Asbestos Textile Corp.
	T.D. McCluskey	Tallman McCluskey Fabrics Co.
	L..Garrison	Garlock Inc.
Absent:	J.A. Gallagher	H.K. Porter, Inc.
	K.W. Nelson	American Smelting & Refining Co.
	R.B. Smith	Raybestos-Manhattan Inc.
	A.C. Link	U.S. Rubber Company
Visitors:	Dr. Lewis J. Cralley	
	J. Scherer	
	W. Streib	

Environmental Health Survey

Dr. Lewis J. Cralley of the Department of Health, Education and Welfare reported that the in-plant phase of their study of the asbestos textile industry would be completed by fall of 1967.

He also reported on a meeting attended by a number of independent researchers interested in the study of the health effects of asbestos on workers in the industry.

The purpose of the meeting was to reach some agreement on the areas to be explored in order to be able to correlate the findings of the various individuals.

It was decided that it was necessary to determine the answers to questions falling into two categories, (1) those "involving public policy and control efforts, and (2) those needed to broaden the long-term base of information on the physical and chemical factors of fibrous materials as related to their interaction with minerals and man so that efforts to maintain safe working and living environments can be constantly re-evaluated and improved."

They agreed that answers are needed to the following questions in safeguarding the worker's health, yet permitting the benefit of asbestos in today's industrial technology:

1. What is the nature and pattern of disease in workers exposed to the different forms of asbestos fibers and how do they relate to the magnitude and duration of exposure?

2. How are the diseases and other manifestations observed in workers exposed to asbestiform fibers characterized clinically and pathologically, and do they differ when exposure involves one form of asbestos or another?

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3. What are the factors involved in the pathogenics of the diseases associated with the inhalation of asbestos minerals and what are the primary etiologic factors involved?

4. What chemical and physical characteristics of asbestos fibers relate to their respirability, mobility, clearance and immobilization in the body and how do the types of asbestos differ in these respects?

5. How can asbestos fibers in vivo and vitro be differentiated as to type and how can they be distinguished from non-asbestos fibers?

6. What levels of exposure to the etiologic agents associated with asbestos-related diseases can be regarded as safe?

7. How can exposures be prevented?

8. What environmental and medical surveillance procedures are recommended where asbestos fibers are encountered or handled?

GENERAL DISCUSSIONS

Rubber Aprons for Cards

There was a discussion on experiences in the use of leather aprons and rubber aprons.

All companies represented have used leather aprons and found it necessary to scratch them periodically to remove the glaze in order to retain their efficiency.

One company is using leather aprons at the take-off and rubber aprons at the delivery with satisfactory success. They have found it difficult to pick up the roving with rubber aprons. However, they find that the rubber aprons on the delivery side require very infrequent cleaning and do a good job of condensing the roving.

Oiless Bearings for Cards

The possibilities of using oiless bearings on the cards to reduce or eliminate downtime was discussed. Two companies have done some research on the matter and will exchange information.

Operating Standards

There was a lengthy discussion on operating standards and their application, job training and employee relations problems.

In general, job standards and allocations are comparable. It was agreed that, with the present labor market, some flexibility has to be allowed.

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Pamphlet - "Method of Determining Asbestos Dust Concentration"

Since the meeting in October 1966, orders for 20 copies of the pamphlet have been received:

The original stock (July 1964) was	-	1,030 copies
Total shipments to date		268
Balance on Hand		762 copies

Indications are that by July 1, 1967, approximately 300 copies will have been distributed.

Respectfully submitted,

W.C. Atkinson, Chairman

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