

ASBESTOS TEXTILE INSTITUTE MINUTES

1964

MS 005206

MT-004612

**PRODUCED
JM - 83**

MINUTES - AIR HYGIENE & MANUFACTURING COMMITTEE - February 6, 1964
Barbizon-Plaza Hotel, New York City

ASBESTOS TEXTILE INSTITUTE

Method for Determining Asbestos Dust Concentration

Approved by Asbestos Textile Institute, October 4, 1963

9/22 p 6
The committee recommends the approved method be made available to anyone upon request. Mr. Sunbury has distributed copies to associate members. In addition, it was recommended an announcement be placed in the Asbestos magazine and any other suitable publications that the method is available upon request.

The Board of Governors has agreed to the recommendation; Mr. Sunbury will place the announcement in the publications. The cost per unit will be \$1.00; slightly less in quantity.

Since this method is of interest to all Asbestos users it is recommended it be included in the next publication of the Asbestos Textile Handbook. The Board of Governors has taken this under advisement and will hold it in abeyance until the Handbook is reviewed for the next publication.

Public Health Service Survey

The Committee reviewed the supplement to the planned survey titled "Implementing Plan of Occupational Health Study of Asbestos Products Industry". Since there have been changes to the original format, the committee is of the opinion Dr. Cralley should be invited to attend the June (1964) ATI Committee meeting to answer questions that have been raised. With the new developments the committee has no formal comments to make at this time.

A committee member reported Dr. Cralley and his group have taken environmental studies at his plant. These studies were very efficiently performed to the satisfaction of all concerned. There have been no medical studies taken at this plant as yet and no plan has been made for such studies at this time.

State of New Jersey - Department of Health

E. Lynn Schall, Chief, Occupational Health Program

Mr. Schall announced by letter to Mr. Sunbury, December 31, 1963, a conference on Asbestosis is planned at the New York Academy of Sciences and will be held October 19 through October 22, 1964. The main theme will be the effect of asbestos dust on the health of individuals exposed. Participants will come from Great Britain, Italy, Germany, Australia, South Africa and the United States.

There is no specific information available on the conference at this time, thus the committee tentatively recommends the ATI be represented by Mr. Sunbury as an observer. If future information indicates we should change our recommendation we will do so at that time.

We would also be pleased to receive any comments on this conference from the membership.

more.....

MS 005207

MT-004613

Dust Monitoring Equipment

There is equipment available to continually monitor dust conditions of a given manufacturing area. The committee has agreed to have this unit demonstrated at the June ATI meeting. An invitation is extended to all interested members to attend the demonstration. Particulars on this demonstration will be issued prior to the June meeting.

General Topics

Items of interest, such as plant housekeeping, dust collecting units, equipment improvements, labor relations, safety, and dust control were discussed.

MS 005208

MT-004614

MINUTES - BOARD OF GOVERNORS' MEETING - February 6, 1964
Barbizon-Plaza Hotel, New York City

ASBESTOS TEXTILE INSTITUTE

In Attendance:

S. J. Peele, Jr. - United States Rubber Company
J. W. Weber - American Asbestos Textile Corporation
J. A. Bettes, Jr. - Raybestos-Manhattan, Inc.
J. T. Griffis - H. K. Porter Company, Inc.
W. S. Hough - Johns-Manville Corporation
T. C. McCluskey - Tallman-McCluskey Fabrics Company
G. D. Reycraft - Cadwalader, Wickersham & Taft
H. E. Sunbury - Asbestos Textile Institute

Page 1, paragraph 6:

President Peele brought up the new plan proposed by Dr. Lewis J. Cralley, of the U.S. Public Health Service, entitled "Implementing Plan for Occupational Health Study of Asbestos Products Industry." After discussion the Board concluded that they were not opposed to the plan, and that members would recommend cooperation by their respective companies.

Page 2, paragraph 7:

President Peele brought up a letter from Dr. Lynn Schall, Division of Occupational Health, State Department of Health, Trenton, N.J., regarding the planned symposium on Asbestosis to be held October 19-22, 1964, at the New York Academy of Sciences. Leading authorities on Asbestosis from this, as well as foreign countries, have been invited to attend. The question of whether ATI should be represented at this symposium was deferred pending receipt of more information in reference sponsorship of the program and its objectives.

Page 2, paragraph 11:

1/72 ASB-P.6
The Secretary informed the Board that the Technical Committee would recommend at the General Meeting that their issuance of the "Approved Dust Counting Technique" be approved for general distribution, and publicity for same be sought thru Asbestos Magazine and other trade papers. On motion made by Mr. Hough, and seconded by Mr. Bettes, it was unanimously agreed that this should be done. Further that a price of \$1.00 per copy should be charged, with bulk prices to be determined later. The Secretary is to obtain printing costs for quantity reproduction of this in booklet form, and submit same to the Board for approval, also to issue publicity release to trade media.

Page 3 XXXXXXXX

MS 005209

MT-004615

Air Hygiene & Manufacturing Committee -2-

February 6, 1964

A committee member reported Dr. Cralley and his group have taken environmental studies at his plant. These studies were very efficiently performed to the satisfaction of all concerned. There have been no medical studies taken at this plant as yet and no plan has been made for such studies at this time.

State of New Jersey - Department of Health
E. Lynn Schall
Chief - Occupational Health Program

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General Topics

Items of interest, such as; plant housekeeping, dust collecting units, equipment improvements, labor relations, safety and dust control were discussed.

L. C. Williams, Chairman
Air Hygiene & Mfg. Committee

MT-004616

MS 005210

552

Air Hygiene & Manufacturing Committee
February 6, 1964
Barbizon-Plaza Hotel, New York, N. Y.
9:30 A.M. to 5:00 P.M. Studio M

Attending:

L. C. Williams - Chairman
W. C. Atkinson
D. T. Austin
J. L. Rainey
R. B. Smith
Hans Walter

Raybestos-Manhattan, Inc.
Johns-Manville Corporation
United States Rubber Company
American Asbestos Textile Corp.
Raybestos-Manhattan, Inc.
American Asbestos Textile Corp.

Absent:

C. L. Sheckler

Johns-Manville Corporation

Method for Determining Asbestos Dust Concentration
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Annual Report of The Asbestos Research Council of England.

Mr. Sunbury had written for additional information on this report and, as of this date, has not received an answer. He has agreed to followup in an attempt to acquire a complete report as committee members have several questions on certain sections of the report.

Public Health Service Survey.

The Committee reviewed the supplement to the planned survey titled "Implementing Plan of Occupational Health Study of Asbestos Products Industry". Since there have been changes to the original format, the committee is of the opinion Dr. Cralley should be invited to attend the June ATI Committee meeting to answer questions that have been raised. With the new developments the committee has no formal comments to make at this time.

MINUTES

Board of governors Meeting
Asbestos Textile Institute
Barbizon-Plaza Hotel, New York
February 6, 1964

IN ATTENDANCE:

S.J. Peele, Jr. - United States Rubber Company
J.W. Weber - American Asbestos Textile Corporation
J.A. Bettles, Jr. - Raybestos-Manhattan, Inc.
J.T. Griffis - H.K. Porter Company, Inc.
W.S. Hough - Johns-Manville Corporation
T.C. McCluskey - Tallman-McCluskey Fabrics Company
G.D. Reyecraft - Cadwalader, Wickersham & Taft
H.E. Sunbury - Asbestos Textile Institute

1. The meeting was called to order by President Peele and it was noted that all duly elected members were in attendance.
2. The minutes of the last meeting of this board, held October 3rd were presented for reading, but, since all members had received copies and were familiar with same, it was moved by Mr. Hough and seconded by Mr. Bettles, that the minutes be approved as submitted. Agreement to this motion was unanimous.
3. The Treasurer's Report as of January 9, 1964, was submitted and read by the Secretary. It was moved by Mr. Bettles, and seconded by Mr. Weber, that the report be accepted as read and made a part of these minutes. Agreement was unanimous.
4. Mr. Griffis moved that five thousand dollars be transferred from the General Fund to the Savings account Fund. This motion was seconded by Mr. Bettles, and agreement was unanimous. The Secretary is to arrange the transfer promptly.
5. Mr. Hough reported that he had again contacted Mr. Meyer of Nicolet Industries, relative to the possibility that they might be interested in becoming members of A.T.I., but they were not ready to make a decision at this time.
6. President Peele brought up the new plan proposed by Dr. Lewis J. Cralley, of the U.S. Public Health Service, entitled: "Implementing Plan of Occupational Health Study of Asbestos Products Industry". After discussion the Board concluded that they were not opposed to the plan, and that members would recommend cooperation by their respective companies.

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7. President Peele brought up a letter from Dr. Lynn Schall Division of Occupational Health, State Department of Health, Trenton, N.J., regarding the planned symposium on Asbestosis to be held October 19-22, 1964 at the New York Academy of Sciences. Leading authorities on Asbestosis from this, as well as foreign countries, have been invited to attend. The question of whether A.T.I. should be represented at this symposium was deferred pending receipt of more information in reference sponsorship of the program and its objectives.
8. The idea of an Annual Safety Award by A.T.I., to the member whose plant attained the most favorable accident experience, had been suggested by the Secretary, and President Peele asked for comments. Reaction was generally favorable, and it was decided that detailed information should be sent to each member for further discussion with their plants.
10. President Peele stated that he had received a letter from the Cape Asbestos Company Limited, under date of Nov. 22, 1963 in which they advised their decision to continue membership in the A.T.I., and this action was most gratifying in view of their prior decision to withdraw from membership.
11. The Secretary informed the Board that the Technical Committee would recommend at the General Meeting that their issuance of the "Approved Dust Counting Technique" be approved for general distribution, and publicity for same be sought thru Asbestos Magazine and other trade papers. On motion made by Mr. Hough, and seconded by Mr. Bettes, it was unanimously agreed that this should be done. Further that a price of \$1.00 per copy should be charged, with bulk prices to be determined later. The Secretary is to obtain printing costs for quantity reproduction of this in booklet form, and submit same to the Board for approval, also to issue publicity release to trade media.
12. The Secretary read a letter from Mrs. Elizabeth Widmayer dated November 6, 1963, in which she expressed her appreciation of the tribute paid to her late husband by the Board of Governors at their meeting on October 3rd.

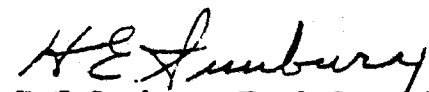
MS 005213

PRODUCED
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MT-004619

13. Mr. Hough mentioned the retirement of Mr. J. L. Tucker of his company, which was effective Feb. 1st, and expressed the thought that Mr. Tucker's long and faithful service to the A.T.I. as Chairman of the Technical Committee, and in many other ways, deserved recognition. On motion made by Mr. Hough, and seconded by Mr. Griffis, it was unanimously agreed that a scroll or plaque should be presented to Mr. Tucker at the June meeting.
14. The Secretary read a letter that he had received from the Bureau of the Census, Washington, D.C., regarding the 1963 Census of Manufactures, in which all manufacturers were urged to fill out the forms, -completely-accurately- and promptly. Mr. McCluskey stated that his company had already received these forms, filled them out, and returned them. Other members either had not received them, or were uncertain of their receipt.
15. The Secretary reported that he had attended the meeting of ASTM Sub-Committee A-4, on October 16, 1963, of which Mr. P. O. Nicodemus is Chairman. At this meeting he got the impression that the tentative consideration of establishing a higher burnout temperature for asbestos textiles (1750 vs 1470-1490) if finally adopted as an ASTM standard, could upset long established procedures in our industry, and should be avoided if possible. Members with representation on Sc A-4 proposed to inquire further into this matter.
16. It was decided to hold the October meeting on the 8th and 9th, at the Barbizon-Plaza Hotel, New York.
17. Approval was given the Secretary to be away on vacation during the month of March approximately, with the understanding that he make arrangements for the handling of Institute mail, etc., during his absence.
18. The date of the next meeting is June 4-5, 1964, and it will be held at the Barbizon-Plaza Hotel, New York, N.Y.
19. On motion duly made and seconded, the meeting was adjourned.

Respectfully submitted,


H. E. Sunbury, Exed. Secretary

MS 005214

PRODUCED
JM - 83

MT-004620

MINUTES: Asbestos Textile Institute
Technical Committee Report
Barbizon-Plaza Hotel
New York, New York
February 6, 1964

ATTENDING:

H. E. Sunbury, Asbestos Textile Institute
M. Farber, United States Rubber Co.
A. P. Gouveia, H.K. Porter Co., Inc.
M. W. Oliver, Raybestos-Manhattan, Inc.
D. F. Quealy, American Asbestos Textile Corp.
G. J. Sligh, United States Rubber Co.
J. P. Wronski, Raybestos-Manhattan, Inc.
W. Maaskant, American Asbestos Textile Corp.

SUBJECTS DISCUSSED:

A. Electrical Properties

The fiber testing and technical committee had a joint session for a discussion on electrical properties. This discussion was led by Mr. N.E. Edgerton, of Johns-Manville Corp.

We would like to thank both Johns-Manville Corp. and Mr. Edgerton for making this discussion possible.

B. Military Specification MIL-T-4117A

Above referenced specification was discussed and analyzed. It is felt that this specification, at present, is too elaborate.

The following changes are recommended and it is suggested that Mr. Sunbury forward these changes to Bureau of Ships, Washington, D.C.

The changes are:

1. Paragraph 2.1. Add under specifications listed, Spec. PPP-B-640.

2. Paragraph 3.2.1.3 Delete

MS 005215

3. TABLE I

a.	Type VII	Delete	(Type XVI, similar).
b.	Type VIII	Delete	(Type XV, similar).
c.	Type IX	Delete	(Type XVIII, similar).
d.	Type X	Delete	(Type XII, similar).
e.	Type XVII	Delete	(Type V and VI, similar).
f.	Type XXI	Delete	(Type XXII, similar).

MT-004621

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MINUTES: Asbestos Textile Institute
Technical Committee Report

TABLE I - (Continued)

On the following types, we recommend the following changes in construction.

<u>TYPE</u>	<u>Ply of Asbestos Yarns</u>	<u>Wt.Ft./Lb.</u>
g. XVIII	Ground Warp Ends - 2 ply instead of 3 Binder Warp Ends - 2 ply instead of 3 Filling - 2 ply instead of 3	27 ± 10%
h. XIX	Ground Warp Ends - 2 ply instead of 3 Binder Warp Ends - 2 ply instead of 3 Filling - 2 ply instead of 3	13.2 ± 10%
i. XX	Ground Warp Ends - 2 ply instead of 3 Binder Warp Ends - 2 ply instead of 3 Filling - 2 ply instead of 3	10.0 ± 10%
j. XXII	Ground Warp Ends - 2 ply instead of 3 Binder Warp Ends - 2 ply instead of 3 Filling - 2 ply instead of 3	6.7 ± 10%

4. Page 4, Figure 1, Delete.
5. Paragraph 4.5.1.1.3, Delete.
6. Page 6 Table III Test Methods

- a. Table number should be changed into number IV.
- b. Delete chemically combined water.

7. Paragraph 5. Preparation for Delivery

We recommend to standardize this paragraph and, therefore, it is suggested that the requirements, as listed in Specification MIL-I-3053D, Paragraph 5 thru 5.3 will be used.

W. Maaskant
W. Maaskant

MT-004622

PRODUCED
JM - 83

MS 005216

Air Hygiene & Manufacturing Committee
February 6, 1964
Barbizon-Plaza Hotel, New York, N. Y.
9:30 A.M. to 5:00 P.M. Studio M

Attending:

L. C. Williams - Chairman	Raybestos-Manhattan, Inc.
W. C. Atkinson	Johns-Manville Corporation
D. T. Austin	United States Rubber Company
J. L. Rainey	American Asbestos Textile Corp.
R. B. Smith	Raybestos-Manhattan, Inc.
Hans Walter	American Asbestos Textile Corp.

Absent:

C. L. Sheckler	Johns-Manville Corporation
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MT-004623

MS 005217

551

Air Hygiene & Manufacturing Committee -2-

February 6, 1964

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E. Lynn Schall
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General Topics

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L. C. Williams, Chairman
Air Hygiene & Mfg. Committee

MS 005218

MT-004624

PRODUCED
JM - 83

552

Minutes: ASBESTOS TEXTILE INSTITUTE

FIBER TESTING COMMITTEE February 6, 1964

Meeting held at the Barbizon-Plaza Hotel, New York City

In Attendance:

I. Barnett, Chairman,-- Johns Manville Corporation
 J.D. McCluer, H.K. Porter Company, Inc.
 E.A. Farrell, Lake Asbestos of Quebec, Ltd.
 J.W. Hawkins, Raybestos-Manhattan, Inc.
 J.D. Christian, Cassiar Asbestos Corporation
 T.T. Tigert, Cassiar Asbestos Corporation
 J. Wronski, Raybestos-Manhattan, Inc.
 N.W. Edgerton, Johns-Manville Products Corporation
 R. Marson. Ontario Research Foundation

Symposium on Electrical Properties of Asbestos Fiber

The Fiber Testing Committee sponsored a symposium on electrical properties of asbestos fiber. Mr. N. W. Edgerton of the Johns-Manville Products Corp. was principal speaker and conducted the session. Members from the Technical and the Air Hygiene & Mfg. Committees participated.

In summary, the symposium accomplished the objective of reviewing the various electrical properties required in an asbestos textile, method of testing for each property, relative electrical values of different types of asbestos, and most important, a discussion on the physical and chemical characteristics of asbestos that influence the electrical properties.

With a better understanding of the causes of poor electrical properties it is felt that the textile manufacturer could more intelligently pursue the development of improved asbestos products for the electrical industry.

Test Procedures

1. Magnetic Rating Test

A preliminary study by several members indicated sufficient potential of the Magnetic Force Method as proposed by Raybestos-Manhattan to justify a formal study by this committee.

As expected in tests of this nature there are many critical areas that must be thoroughly investigated relative to reliability

A sub-committee was formed consisting of J.W. Hawkins, Chairman, E.A. Farrell, and J.D. McCluer to first submit recommendations on procedure for preparing standard samples to be used in the test studies, and then attempt to define the critical areas in the proposed test method.

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MS 005219

Minutes: Fiber Testing Committee

Page - 2

2. Suter-Webb Comb Test

A revised procedure developed by Cassiar Corp. and Turner Bros. Asbestos Co., was reviewed by Mr. Tigert of Cassiar. Copies of the procedure were distributed and will be further reviewed by all members for action relative to adoption by the next meeting.

3. Frictional Properties

Johns-Manville reported considerable difficulty in arriving at a satisfactory technique of anchoring the test pad of fiber to the rotational discs in the experimental friction tester. When the bond between the pad of fibers and the discs is less than the inter-frictional fiber resistance the values obtained are not significant. Work will continue on this project.

4. Bauer-McNett Wet Classifier

QAMA reported in their November 19, 1963 meeting that work is continuing on the new classifier. Splashing was found to be due to mechanical imperfections in the machine and work is underway to eliminate these. All of the other recommendations made by the QAMA sub-committee to Bauer Brothers have been concurred with. The sub-committee will review the distributed results on the use of the automatic wiper to avoid manual cleaning.

Report on New ASTM High Modulus and Inorganic Fiber Committee

The subject committee was formally organized in January 1964 with P.D. Gorsuch of the General Electric Space Technology Center as Chairman. Asbestos fiber is covered in one of the sub-committee. As in previous meetings, the scope was limited by a majority vote to test procedures and definitions, and does not include specifications for the present. Our A.T.I. Fiber Testing Committee plans to keep abreast with the progress of this ASTM committee.

Plans for Revising the Manual of Test Procedures

Publishing of either a revised manual or an appendix is tentatively scheduled for the first of 1965. The cut-off date for approving the contents has been set for the October 1964 meeting of this committee.

In the meantime, all approved but unpublished tests and all revisions will be reviewed by A.T.I., ACPA, and QAMA. Our British and French Associates will be notified of these plans and will be requested to actively participate in the review.

Respectfully Submitted,

Irvin Barnett, Chairman

MS 005220

MT-004626

PRODUCED
JM - 83

MINUTES

SALES PROMOTION COMMITTEE

FEBRUARY 6 - 7, 1964

In Attendance:

J. T. Griffiths	- H. K. Porter Company, Inc.
G. J. Harris	- H. K. Porter Company, Inc.
S. J. Peele, Jr.	- United States Rubber Company.
W. S. Hough	- Johns-Manville Corporation.
E. A. Shuman	- Johns-Manville Corporation.
J. A. Bettles, Jr.	- Raybestos-Manhattan, Inc.
J. W. Weber	- American Asbestos Textile Corp.
J. W. Christenbury	- American Asbestos Textile Corp.
T. C. McCluskey	- Tallman-McCluskey Fabrics Company.

1. It was decided that the Sales Promotion Committee would not attend the joint meeting on the discussion on electrical properties of Asbestos Fibre because each member's Company already had representation.
2. Mr. Hough offered to contact members of the Canadian Mining Group and formally offer the large exhibit which is now on display at the Ohio State University at Columbus, Ohio.
3. The present stock of Asbestos Textile Institute Handbooks and the Fibre Testing Manual was reported and it was decided that no action was necessary at this time.
4. Initial reports from Committee members indicate that more work is necessary before progress can be announced on the project to develop a replacement for a cotton fabric now in use in sizable quantities. The market price and requirements of this fabric are known. We plan to enlist the help of the Technical Committee on this project.
5. Discussion was held on the imports of foreign Asbestos Yarns.
6. Discussion was held on claims made by a firm on the advantages of aluminized fiberglass fabric over an aluminized asbestos material.

Specifications now being prepared by the Navy will replace Glass and Asbestos Glass fabrics with an all asbestos aluminized cloth for use in Fire Entry, Rescue and Proximity Suits.
7. Mr. Peele was requested to continue to issue the Asbestos Textile Market Report to the Asbestos magazine.
8. Mr. Peele gave a review on an article by Mr. Leo Churne on his outlook and predictions for business for '64. Mr. Churne feels the first three Quarters of 1964 will be good with the fourth Quarter doubtful.

PRODUCED
JM - 83

MS 005221

Respectfully submitted,

J. W. Christenbury
J. W. Christenbury, Chairman

MT-004627

ASBESTOS TEXTILE INSTITUTE
Report of Funds
May 8, 1964

Balance on Hand at Last Report(1/9/1964)

General Fund	\$10196.19	
Savings Account Fund	7386.07	
Petty Cash Fund	<u>10.77</u>	
		\$17593.03

Receipts

Handbook & Test Manual Sales	92.75	
Assessments for 1964	<u>8749.00</u>	
Total to General Fund		8841.75
To Savings Account Fund (by transfer from G.F.)		5000.00
To Petty Cash Fund (by transfer from G.F.)		<u>192.18</u>

Total On Hand and Received

14033.93
\$ 31626.96

Disbursements

Legal Expense (6 months ending 2/29)	756.35
Mimeograph Machine (used)	60.00
Subscriptions	4.50
Office Supplies	37.25
Telephone (4 months)	71.29
Transfer to Savings Account	5000.00
February Meeting Expense	566.23
Office Rent (4 months)	166.64
Secretary's Salary (4 months)	400.00
Printing	14.43
Florist	21.00
Stenographic	50.00
Transfer to Petty Cash Fund	192.18
Petty Cash Vouchers (#55-82 incl.)	<u>102.95</u>
Total Disbursements	

\$ 7442.82

Balance on Hand as of May 8, 1964

\$ 24184.14

Funds

General Fund (Bank Statmt 5/8/64)	\$11698.07
Savings Account Fund	12386.07
Petty Cash Fund	<u>100.00</u>

Total Funds

\$ 24184.14

Assets as of May 8, 1964

Cash in Bank (Checking Acct.)	\$11698.07
Cash in Bank (Savings Acct.)	12386.07
Petty Cash on hand	100.00
Postage on hand	.88
Accounts Receivable (1964 dues)	500.00
Furniture & Equipment (Nominal Value)	<u>1.00</u>

Total Assets

\$ 24686.02

Liabilities

none

Net Worth

\$ 24686.02

H.E. Sunbury
Respectfully submitted, H.E. Sunbury, Assistant Treasurer

PRODUCED
JM - 83

MINUTES of the GENERAL MEETING
of the Asbestos Textile Institute
held at the Barbizon-Plaza Hotel,
New York City, February 7, 1964.

IN ATTENDANCE:

S.J. Peele, Jr., President
UNITED STATES RUBBER COMPANY

AMERICAN ASBESTOS TEXTILE CORP.

J.W. Weber
D.F. Quealy
W. Maaskant
J.W. Christenbury
J.L. Rainey
H.H. Walter

ASBESTOS CORPORATION LTD.

A.C. Steele
E.L. Alexander

BELL ASBESTOS MINES LTD.

Wm. J.W. Smith

CASSIAR ASBESTOS CORP. LTD.

J.D. Christian
T.T. Tigert
R. Marson

H.K. PORTER COMPANY, INC.

J.T. Griffis
J.D. McCluer
A.P. Gouveia

CADWALADER, WICKERSHAM & TAFT

G.D. Reyecraft
Jay Flocken

ASBESTOS TEXTILE INSTITUTE G.J. Sligh
H.E. Sunbury

JOHNS-MANVILLE CORP.

W.S. Hough
E.A. Schuman
W.C. Atkinson
I. Barnett

JOHNSON'S COMPANY LTD.

A.W. G. Gibb

LAKE ASBESTOS OF QUEBEC LTD

E.A. Farrell

RAYBESTOS-MANHATTAN, INC.

J.A. Bettles, Jr.
J. Wronski
L.C. Williams
M.W. Oliver
R.B. Smith
J.W. Hawkins

TALLMAN-McCLUSKEY FABRICS CO.

T.C. McCluskey

TURNER BROTHERS ASBESTOS CO. LTD.

W.M. Deckman

UNITED STATES RUBBER COMPANY

D.T. Austin, Jr.

GUESTS:

Mr. Hal E. Brockmann ----- Prodesco, Inc.
Mr. V.C. McQuiddy, Jr. ----- United States Rubber Co.
Mr. F.A. Singleterry ----- " " "
Mr. B.D. Hubbard ----- " " "
Dr. Kenneth W. Smith ----- Johns-Manville Corp.
Dr. Lewis J. Cralley ----- U.S. Public Health Service

Handwritten notes:
1. [unclear]
2. [unclear]
3. [unclear]

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EXHIBIT B-79

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Minutes - General Meeting

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1. The meeting was called to order by President Peele with a brief address of welcome to all in attendance. He mentioned that this was our first meeting in the twentieth year of the Institute since its founding in 1944. Following these remarks each person was asked to stand and identify himself, and his company affiliation.
2. The minutes of the last meeting were introduced for reading, however, since all members had received copies of same prior to the meeting, it was moved by Mr. Bettes, seconded by Mr. Barnett, and unanimously agreed that the reading be omitted, and that the minutes be accepted as circulated.
3. The Treasurer's Report was presented by H.E. Sunbury, Asst. Treasurer, in the absence of Treasurer J.A. Brown, Jr., (due to his wife's illness). Following a review of the contents of this report it was moved by Mr. Atkinson, seconded by Mr. Bettes and unanimously agreed, that the Treasurer's Report be accepted as read. President Peele stated that the Board of Governors, at their meeting on February 6th, had instructed the Treasurer to transfer \$5000.00 from the General Fund to the Savings Account Fund, effective at once.

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5. The next segment of this meeting was devoted to committee reports, and at this time the chairmen of the several working committees reviewed the matters considered and actions taken by their committees since our last meeting, and in session on February 6th. Their formal reports are attached.
 - a) The Air Hygiene and Manufacturing Committee report was presented by Chairman L.C. Williams
 - b) The Sales Promotion Committee report was presented by Chairman J.W. Christenbury
 - c) The Fiber Committee report was presented by Mr. J.D. Christian, of Cassiar Asbestos Corporation Ltd. His remarks were most interesting, however, as is the established practice of this committee, no formal report is made.

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- d) The Technical Committee report was presented by Chairman W. Maaskant.
 - c) The Fiber Testing Committee report was presented by Chairman I. Barnett
6. President Peele then introduced Dr. Lewis J. Cralley, Scientist Director, Assistant Chief, Department of Health, Education, and Welfare, Public Health Service, 1014 Broadway, Cincinnati 2, Ohio. Dr. Cralley spoke in behalf of his plan entitled "Implementing Plan of Occupational Health Study of Asbestos Products Industry".
- Dr. Cralley expressed appreciation for the cooperation he has received to date from plant managements, and stated that employees examined have reacted well to the procedure. He hopes to accumulate a lifetime history of each employee as a longrange result of the plan. An extensive question and answer period followed his talk.
7. President Peele then introduced Dr. Kenneth W. Smith, Medical Director of Johns-Manville Corporation, and asked Dr. Smith to comment on the proposed "Conference on Asbestosis" recently announced by Dr. Lynn Schall, Chief, Occupational Health Program, State of New Jersey Department of Health, Trenton, N.J. to be held on October 19-22, 1964, at the New York Academy of Sciences. Conference participants are expected to attend from Great Britain, Italy, Germany, Australia, South Africa, and the United States. The main theme will be "The effect of asbestos dust on the health of individuals exposed".
- Dr. Smith stated that he believed the originator and main driving force behind the idea of this "Conference on Asbestosis" was a Dr. Zelikoff of Paterson, N.J., and that he would like more information on the program than has been available to date. On behalf of Johns-Manville Corporation he is tentatively planning to submit three scientific papers to the October conference. Dr. Smith suggested that the Asbestos Textile Institute could have a representative at the conference if they cared to, or members could have their plant doctors attend.
- Mr. Peele suggested that members should send to Dr. Smith the name of their plant doctor, if they wanted him to attend.

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Minutes - General Meeting

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8. President Peele introduced our Guest Speaker, Mr. Hal E. Brockmann, Vice President, Prodesco, Inc., Perkasie, F

The subject of Mr. Brockmann's talk was " Development-Today's Business ". He informed the members that his company was founded in 1943 for the purpose of affording the textile industry a means of readily available help in developing new textile constructions, as so many individual firms have difficulty in finding time, or lack suitable equipment, for development of new items. While the work that Prodesco does for its clients is highly confidential, he did mention they were doing, or had done, work for NASA on development of Survival Equipment; with the Navy on Improved Clothing for Flight Crews, and with air-craft parts manufacturers. At the conclusion of his talk Mr. Brockmann distributed an attractive brochure which explains in considerable detail the facilities offered by his company for Textile Research.

9. President Peele announced that the date of the next meeting of the Asbestos Textile Institute would be June 4-5, 1964, at the Barbizon-Plaza Hotel, New York City.
10. The meeting then recessed for luncheon, after which, there being no further business, it was duly adjourned.

Respectfully submitted,

H. E. Sunbury
Exec. Secretary

Note:

Subsequent to the meeting we have confirmation of arrangements to hold our third meeting in 1964, at the Barbizon-Plaza Hotel, New York City, on October 8-9, 1964. In view of the World's Fair, it was advisable to make this reservation early in the year.

H. E. S.

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Minutes: ASBESTOS TEXTILE INSTITUTE

FIBER TESTING COMMITTEE

June 4, 1964

Meeting held at the Barbizon-Plaza Hotel, New York City

In Attendance:

I. Barnett, Chairman	Johns-Manville Products Corporation
D. Childers	H. K. Porter Company, Inc.
J. W. Hawkins	Raybestos-Manhattan, Inc.
J. H. Zaha	Tallman-McCluskey Fabrics Company
T. T. Tigert	Cassiar Asbestos Corporation
A. C. Steele	Asbestos Corporation, Ltd.
E. L. Alexander	Asbestos Corporation, Ltd.
B. Lincoln	Turner and Newall Ltd.
R. Dodds-Hebron	Bell Asbestos Mines Ltd.
G. F. Jenkins	Asbestos Corporation, Ltd.

Review of Tests Under Development or Revision

1. Magnetic Rating by Magnetic Force Method - Raybestos-Manhattan

Sub-committee headed by Mr. Hawkins reported that progress has been made on a procedure for preparing standard samples that are required in the test studies. All participating members were invited to request prepared samples of magnetite from J. Wronski, Raybestos-Manhattan, stating the volume of sample needed. Samples in twelve concentrations will be prepared.

During the discussion of this test, Mr. Lincoln reported that Turner and Newall have developed a more sensitive Mapes test (ASTM procedure) with four ranges and sensitivity to 0.1 per cent magnetic rating. Bell have a test unit under study and Cassiar are considering acquiring equipment from Turner and Newall for study. Mr. Lincoln agreed to send us data on the equipment upon his return to England.

2. Suter-Webb Comb Test - Cassiar

A revised procedure presented by Mr. Tigert at the February meeting of this committee has been reviewed, and, apparently is acceptable as written. However, a formal vote was not taken because some members are waiting for shipment of fiber grippers and hand comb as supplied by Turners Asbestos Fibers Ltd., Manchester, England.

A formal vote is expected by the October 1964 meeting.

3. Frictional Properties - Johns-Manville

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Friction tester for fiber still being studied relative to developing a technique for anchoring the test sample in the equipment.

It is doubtful whether this test will be completed in time for the printing of the revised Manual of Test Procedures.

Minutes: Fiber Testing Committee

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4. Bauer-McNett Wet Classifier - QAMA

The revised method as accepted by the QAMA Technical and Research Committee on March 24, 1964 was formally approved by this A.T.I. Fiber Testing Committee on June 4, 1964.

Report on ASTM High Modulus and Inorganic Fiber Committee

At their January 22, 1964 meeting a small change was made in the title, i.e., reversing the order of words to read:

"Committee D-30 on Inorganic and High Modulus Fibers"

The scope of committee D-30 was described as:

"The investigation of structures and properties; and the development of methods of tests, definitions of terms, and classifications pertaining to inorganic and high modulus fibers. The fibers to be covered will generally have a modulus of elasticity above 3,000,000 psi. These activities will be coordinated with those of other relevant committees of ASTM and other organizations."

Sub-committee III, Asbestos and Naturally Occurring Fibers has J. R. M. Hutcheson as chairman.

The next meeting of D-30 will be held during the week of June 21, 1964 in Chicago.

Plans for Revising the Manual of Test Procedures

It was generally agreed that we should revise the manual instead of publishing an appendix.

A target date for final approval of all contents was set for the October 1964 meeting of this committee with a cut-off date of around the end of the year to clear up the loose ends prior to publishing.

The following plan was tentatively approved, subject to approval by QAMA, ACPA, and Board of Governors of A.T.I.:

1. Arrange format so each test can be printed as a separate document.
2. Have printer assemble a predetermined number of tests into complete, fixed-bound manuals.
3. Print extra copies of tests upon preorder for members who may want to issue separate tests or only several tests in loose-bound fashion for certain customers. These could be punched and arranged by the individual members.
4. Establish a numbering system for the tests similar to ASTM.
5. Reduce the size of the printed page from 11 x 8½ to about 9 x 6.
6. Attempt to improve the index relative to convenience.

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Minutes: Fiber Testing Committee

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The following either have been or are being requested to assist in the editorial functions of the revised manual:

T. T. Tigert - ATI
J. R. M. Hutcheson - QAMA
W. A. Heausler - ACPA

General Services Administration National Stockpile Specification
for Magnetic Rating of Asbestos Fiber

Our committee was requested to recommend a change in the magnetic rating requirement of raw chrysotile fiber to reflect a finished textile product with a maximum rating of 0.75 per cent. Because there is a reduction in the magnetic rating from raw fiber to Underwriters' grade yarn due to opening, carding, and dilution with organic fiber, the present value of 0.75 per cent for raw fiber is unrealistic and should be increased.

Members are being polled for the increased value and an answer is planned for submittal to GSA within two weeks or so.

Respectfully submitted,

Irvin Barnett, Chairman

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Air Hygiene & Manufacturing Committee
June 4, 1964
Barbizon-Plaza Hotel, New York, N.Y.
9:30 A.M. to 5:00 P.M. Studio M

Attending:

L. C. Williams - Chairman	Raybestos-Manhattan, Inc.
W. C. Atkinson	Johns-Manville Corp.
D. T. Austin	United States Rubber
J. L. Rainey	American Asbestos Textile
Hans Walter	American Asbestos Textile
C. L. Sheckler	Johns-Manville Corp.
A. C. Link	United States Rubber
A. P. Gouveia	H. K. Porter Co., Inc.
T. C. McCluskey, Jr.	Tallman-McCluskey Fabrics Co.

Absent:

R. B. Smith	Raybestos-Manhattan, Inc.
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Public Health Service Survey
Progress Report by Dr. Lewis J. Cralley
Members from other ATI Committees attending.

Dr. Cralley gave a most interesting report on his recent trip to France at which time he attended the Congress on Asbestosis. The Congress was sponsored by all Asbestos Producers in France and there was representation from eight or nine countries.

During the general session there were three papers given on the medical check of employees. Of most interest was the report stating previous to 1930 there were 7 to 10 times the occurrence of lung cancer in Asbestos workers vs the General Public and from 1930, after dust control systems were installed in plants, the occurrence was less than the General Public. In both case studies approximately 113 persons were checked.

The Congress indicated the Rayco dust monitoring unit is a very good one. The reason it is a good unit is it can be set to read dust counts in specified fibre lengths; .5 microns, .8 microns or 1 micron. The cost of this unit is approximately \$12,000.

Continuing, Dr. Cralley presented a progress report on the Environmental Studies made by his group in U.S. plants. As of this date, they have been to six plants and have taken 1500 to 2000 samples. Depending on plant size the group will complete one or two plants every three months.

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Air Hygiene & Mfg. Committee

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June 4, 1964

Dr. Cralley displayed a series of charts showing dust concentrations from thirty years ago vs the current studies. The charts are very encouraging as in every operation - Preparing through Weaving - a significant reduction in dust concentration has been found.

Dr. Cralley stated he will give us a progress report from time to time and when he feels sufficient data is available a complete report will be issued on the Survey.

Dust Monitoring Equipment

Mr. Horst Blume and Dr. Volinsky demonstrated the Sinclair-Phoenix Dust and Smoke Photometer. Their address is:

Phoenix Precision Instrument Co.
3803-05 N. Fifth Street
Philadelphia 40, Pa. USA

Area Code 215 BA-8-7417
Cable: PPICO

The demonstration was very interesting and the Air Hygiene Committee feels the unit has a place in the program of dust controls. The unit through the recorder will give a continuing permanent record of dust concentration in an area rather than a reading just during the time of sampling as our present method does. Before any firm recommendations can be made on this unit correlation between the standard test results and the Sinclair-Phoenix unit would have to be checked. Pamphlets describing the unit were distributed and we expect to have some comments on it by the next ATI meeting.

The price of the unit is approximately \$2500 plus \$700 for the recorder.

The Committee expressed their thanks to Mr. Blume and Dr. Volinsky for the fine demonstration and also to Hans Walter for suggesting we invite Mr. Blume and Dr. Volinsky to the ATI meeting.

Asbestosis Research Council (England)

Reports received from S. Holmes:

"Experimental Asbestosis in Rats" by P. F. Holt, S. Mills and D. K. Young.

"A New Slow Running Personal Dust Sampler" by R. Hunt and M. Ellison.

"An Electron Microscope Study of the Effect of Asbestos Dust in the Lung" by J. M. G. Davis.

June 4, 1964

"The Ultrastructural Changes That Occur During The Transformation of Lung Macrophages to Giant Cells and Fibroblasts in Experimental Asbestosis" by J. M. G. Davis.

Each of the above papers were reviewed and found to be of interest and very informative. Every Committee member has a copy of each paper and will keep them on file for future reference.

The Committee agrees that the ATI should encourage all persons studying the effect of Asbestosis on Health to forward the papers to the ATI for our reference. This followup will keep the ATI abreast of all programs on this subject.

Medical Report on Asbestosis

Reprint from Diseases of the Chest
Official Journal of the
American College of Chest Physicians
from Mr. H. C. Givan, Jr.
Jessop Steel Company
Washington, Pa.

A review of this paper was made and we feel this information in the paper is basic.

Special note was made to two paragraphs under Industrial Hygiene Aspect.

- 1) "In spite of the fact that the total dust exposure may be higher in the asbestos mining industry, the health hazard is more serious in the asbestos textile industry. The explanation for this is that in mining 80 percent to 95 percent of the dust may be serpentine rock dust, which is biologically relatively inert."
- 2) "Techniques of dust counting vary considerably and need to be standardized. The most practical method is the membrane filter device. The most accurate but least practical methods are the thermal and electrostatic precipitation. The Konimeter and Impinger methods are unreliable. Currently the value of the Tyndallometer and photoelectric methods are being explored."

Both of these statements are questionable and we believe will be changed in the future when the Public Health Program report is issued.

Environmental Dust Counting Technique

Mr. Sunbury gave us for review a sample of the print setup and size booklet which will be printed. The Committee agreed that the

Air Hygiene & Mfg. Committee

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June 4, 1964

sample would be acceptable and instructed Mr. Sunbury to have the booklet printed. If all goes according to schedule, the booklet should be available in two or three weeks.

Mr. Sunbury asked this Committee to suggest publication for advertising this booklet. We suggest Textile World, Textile Industries and American Public Health Journal.

Thank you, Mr. Sunbury, for following up on the details of publishing this booklet.

State of New Jersey - Department of Health
E. Lynn Schall

The conference - "Biological Effects of Asbestosis" -
 October 19-21, 1964

The conference has grown in size and has been moved to the New York Academy of Sciences. The ATI will not take an active part in this conference. However, each of us is very interested in the conference and most likely all member companies will want to have someone attend.

As soon as additional information is received Mr. Sunbury will keep us informed on developments.

American Industrial Hygiene Association

The Committee reviewed a paper given by Dr. J. J. Selckoff at this meeting. The title of the paper is "Asbestos Exposure and Neoplasia". The study was made by a research team on all the men who have become members of the New York City-Newark, New Jersey locals of the International Union of Heat and Frost Insulators and Asbestos Workers AFL-CIO since December 31, 1942. They are building trades workers.

Details of the report were reviewed and each member has a copy for reference.

General Topics

Items of interest such as noise abatement, safety, new equipment, plant housekeeping, Airodynamic control of air at Twisting, and equal pay for male and female workers were discussed.

L. C. Williams, Chairman
 Air Hygiene & Mfg. Committee

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Minutes
BOARD OF GOVERNOR'S MEETING
Asbestos Textile Institute
Barbizon-Plaza Hotel, New York, N.Y.
June 4, 1964

In Attendance:

S.J. Peele, Jr. - United States Rubber Company
J.W. Weber - American Asbestos Textile Corporation
J.A. Bettles, Jr. - Raybestos-Manhattan, Inc.
J.T. Griffis - H.K. Porter Company, Inc.
E.A. Schuman - Johns-Manville Corporation
C. T. D. McCluskey - Tallman-McCluskey Fabrics Company
G.D. Reycraft - Cadwalader, Wickersham & Taft (Legal Counsel)
H.E. Sunbury - Asbestos Textile Institute (Secretary)

1. The meeting was called to order by President Peele, who noted that Mr. E.A. Schuman, and Mr. Ted D. McCluskey had been properly accredited by their respective companies, in the absence of Messers W.S. Hough and T.C. McCluskey.
2. The minutes of the last meeting of this Board, held on Feb. 6th, were presented for reading, but since all members had received copies and were familiar with same, it was moved by Mr. Bettles and seconded by Mr. Griffis, that the minutes be approved as submitted. Agreement to this motion was unanimous.
3. The Treasurer's Report as of May 8, 1964, was submitted and read by the Secretary. It was moved by Mr. Griffis, seconded by Mr. Bettles, that the report be accepted. Agreement was unanimous. Mr. Griffis suggested that \$5000.00 be transferred from the Gen. Fund, to the savings account fund, and there was unanimous agreement that this should be done at once. Mr. Reycraft questioned the method of reporting the previous transfer of \$5000.00 to the Savings Fund, as shown on the report of May 8, and the Secretary agreed to take this matter up with the Treasurer in order to arrive at the correct procedure in the handling of this current transfer.
4. Mr. Schuman suggested that a Special Program be considered for our Twentieth Anniversary Annual Meeting which will be held on October 9th. (The Institute was organized at a meeting held on November 16, 1944). There was general agreement that this should be done, and President Peele appointed Mr. Bettles as Chairman of the "Twentieth Anniversary Committee".
5. President Peele brought up the matter of the "Symposium on Asbestosis" to be held on October 19-21, 1964, at the Waldorf-Astoria Hotel, New York. He pointed out that the position of A.T.I. in respect to representation at this symposium should be settled. After discussion it was agreed that A.T.I. would have no official representation, but that member companies should try to have their company doctor, or their hygienist, attend. Further, that we should ask Dr. L.J. Cralley, of the U.S.P.H.S., if he would be agreeable to present certain data that he has accumulated to date from his industry survey of members plants.

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6. The Secretary reported on the project for printing up a pamphlet entitled " Method for Determining Asbestos Dust Concentration" as recommended by the Air Hygiene & Mfg. Comm. at the February meeting. This pamphlet is now in the hands of the printer, and it is expected to be finished in the later part of June. The cost of one thousand copies will be about \$370.00. Pamphlet has been priced by the Board of Governors to sell at \$1.00 each. The first publicity for this new pamphlet will appear in June issue of the Asbestos Magazine.

7. As agreed in our previous meeting, a plaque has been prepared for presentation to Mr. J.L. Tucker, who had served A.T.I. as chairman of the Technical Committee prior to his retirement from active business, and the Board was given a preview of the plaque. Comments were most favorable on its general appearance and the wording of the commendation.

8. President Peele introduced a letter from Johnson's Company, Ltd. dated May 5, 1964, in which they tendered their resignation as an Associate Member of A.T.I., due to the fact that they had been taken over by the Asbestos Corporation, Ltd. It was moved by Mr. Griffis, seconded by Mr. Weber, that the resignation be accepted with regret, and that, in view of the fact that dues for all of 1964 had been paid, that Johnson's Company had no further obligation in respect to membership dues. Agreement was unanimous.

9. President Peele quoted from Mr. Hough's letter of March 10th in which he suggested that Constitution of the Institute be amended to make provision for regular Legal Representation at both the Board of Governors and the General Meetings. Mr. Reyecraft suggested this could be done under Article IV-Paragraph 4. It was agreed that Mr. Reyecraft would draft the proposed change, and that it would be circulated to Board Members prior to the October Meeting, and voted on at that meeting.

10. Receipt of literature from Dr. S. Holmes, Secretary, Asbestosis Research Council, Turner Bros. Asbestos Co., Rochdale, England, in April of this year, was reported by the Secretary. This literature consisting of a dozen copies each of four different papers on the general subject of Asbestosis, has been turned over to the Air Hygiene & Mfg. Committee.

11. President Peele reported that Mr. Hough had been advised by Nicolet Asbestos Mines, Ltd., that they wished to table the matter of applying for membership in A.T.I. at this time.

12. Mr. Peele called attention to the appointment of Mr. Bernard Lincoln, Turner & Newall Ltd., as a member of the A.T.I. Fiber Testing Committee. It is felt that mutual benefit will be derived from Mr. Lincoln's attendance at meetings of the Fiber Testing Committee, and interim correspondence on committee matters.

13. A letter from Bell Asbestos Mines, Ltd., dated May 4th, was noted; in which they informed us that Mr. R. Dodds-Hebron has been appointed a Director of their company. He is in charge of all milling operations, since the death of their Herbert Smith.

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14. The Secretary read a letter from Mr. L.C. Williams, Chairman of the Air Hygiene & Mfg. Comm., dated May 18, 1964, in which he set forth his views of the objectives of his committee, the value of their new pamphlet as mentioned in Paragraph 6 above, and his feeling that they should cooperate with the work that Dr. L.J. Cralley is doing.. Comments on this letter were favorable.

15. Letter of May 6th from Mr. J.T. Griffis to the Secretary raised the question of whether the A.T.I. should assist, or cooperate with, the Jessop Steel Company in furthering the distribution of a paper on "Asbestosis", same being a reprint from the Official Journal of the American College of Chest Physicians. It was decided that we would confine its distribution to our Air Hygiene & Mfg. Committee.

16. Receipt of a card of thanks from Mr. J.T. Griffis and family for flowers sent by A.T.I. at the time of Mrs. Griffis funeral was noted.

17. The Secretary read a letter from Mr. Clarence A. Fredell of the General Services Administration, dated June 1st, in reference Specification P-3-R3 which governs the purchase of raw asbestos for the stock pile. The point at issue is the specified Magnetic Rating of 0.75 percent, and whether this should be raised to allow for the drop in magnetite which occurs in textile processing. It was decided to accept the recommendation of the Fiber Testing Committee in replying to this letter.

18. President Peele appointed a Nominating Committee to bring in a slate of officers for election at our Annual Mtg. in October: namely; Messers W.S. Hough (Chairman), J.L. Rainey, L.C. Williams.

19. Mr. Schuman suggested that we consider the possibility of extending invitations to representatives of asbestos textile manufacturers in foreign countries who plan to attend the symposium on Asbestosis Oct. 19-21st, to attend our Annual Meeting on October 9th if they can so arrange their schedules. This would not be limited to our present Associate Members in England, and France. Further thought is to be given this suggestion.

20. The next meeting is October 8-9, 1964, at this same hotel.

21. The date and place of the first meeting in 1965 is to be recommended by committee composed of Messers Peele and Griffis. The possibility of a southern location, sometime in February, met with generally favorable reaction.

22. Motion to adjourn was made by Mr. Weber, seconded by Mr. Griffis and this motion was carried unanimously.

Respectfully submitted

H.E. Sunbury, Exec. Sec'y

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MINUTES

BOARD of GOVERNORS MEETING
Asbestos Textile Institute
Barbizon-Plaza Hotel, New York, N.Y.
June 4, 1964

IN Attendance:

S.J. Peele, Jr. - United States Rubber Company
J.W. Weber - American Asbestos Textile Corporation
J.A. Bettes, Jr. - Raybestos-Manhattan, Inc.
J.T. Griffis - H.K. Potter Company, Inc.
E.A. Schuman - Johns-Manville Corporation
T.D. McCluskey - Tallman-McCluskey Fabrics Company
G.D. Reycraft - Cadwalader, Wickersham & Taft (Legal Counsel)
H.E. Sunbury - Asbestos Textile Institute (Secretary)

1. The meeting was called to order by President Peele, who noted that Mr. E.A. Schuman, and Mr. Ted D. McCluskey had been properly accredited by letter to represent their respective companies in the absence of Messrs W.S. Hough and T.C. McCluskey.
2. The minutes of the last meeting of this Board, held on Feb. 6, 1964 were presented for reading, but since all members had received copies and were familiar with same, it was moved by Mr. Bettes and seconded by Mr. Griffis, that the minutes be approved as submitted. Agreement to this motion was unanimous.
3. The Treasurer's Report as of May 8, 1964, was submitted and read by the Secretary. It was moved by Mr. Griffis, and seconded by Mr. Bettes, that the report be accepted, and agreement was unanimous. Mr. Griffis moved that \$5000.00 be transferred from the General Fund, to the Savings account Fund, and there was unanimous agreement that this should be done at once, by the Secretary. Mr. Reycraft questioned the method of reporting the previous transfer of \$5000.00 to the Savings Fund, as shown on the report of May 8th, and the Secretary agreed to take this matter up with the Treasurer in order to arrive at the correct procedure in the handling of this current transfer.
4. Mr. Schuman suggested that a Special Program be considered for our Twentieth Anniversary Annual Meeting which will be held on October 9th. (The Institute was organized at a meeting held on November 16, 1944) There was general agreement that this should be done, and President Peele appointed Mr. Bettes as Chairman of the " 20th Anniversary Committee".

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11. President Peele reported that Mr. Hough had been advised by Nicolet Asbestos Mines Ltd., that they wished to "table" the matter of becoming an Associate Member of A.T.I. at this time.
appointment
12. President Peele called attention to the ~~appointment~~ of ~~the~~ Mr. Bernard Lincoln, Director, ~~of~~ Turner & Newall Ltd. Asbestos Fibre Laboratory, Trafford Park, Manchester 17, England; as a member of the A.T.I. Fiber Testing Committee. It is felt that mutual benefit will be derived from Mr. Lincoln's attendance at meetings of our Fiber Testing Committee, and interim correspondence concerning the current work being carried on.
13. A letter from Bell Asbestos Mines, dated May 4th, in which they informed us that Mr. Dodds-Hebron has become a Director of their company, and is in charge of milling operations since the passing of Herbert Smith, was noted. Mr. Dodds-Hebron is attending the current meeting of the Fiber Testing Committee.
14. Letter of May 6th from Mr J.T. Griffis to the Secretary raised the question of whether the A.T.I. should assist, ~~in~~ or cooperate with, Jessop Steel Company in furthering the distribution of a paper on "Asbestosis", same being a reprint from the Official Journal of the American College of Chest Physicians. It was decided that we would ~~not~~ confine its distribution to our Air Hygiene Committee.
14. ^A Receipt of a card of thanks from Mr. J.T. Griffis and family for flowers sent by A.T.I. at the time of Mrs. Griffis funeral was noted.
15. The Secretary read a letter from Mr. Clarence A. Fredell of the Genral Services Administration, dated June 1st, in reference Specification P-3-R3 which governs the purchase of raw chrysotile asbestos fiber for the stock pile. The point at issue is the specified Magnetic Rating of 0.75 percent, and whether this should be raised to allow for the drop in magnetite which occurs in textile processing. It was decided to accept the recommendation of our Fiber Testing Committee in replying to this letter.
16. President Peele appointed the following men to serve as a Nominating Committee to bring in a slate of officers for election at our annual meeting in October:

W.S. Hough - Chairman (Johns-Manville Corp)
J.L. Rainey (American Asbestos Textile Corp.)
L.C. Williams (Raybestos-Manhattan, Inc.)
17. Mr. Schuman suggested that we consider the possibility of extending invitations to representatives of asbestos textile manufacturers in foreign countries who plan to attend the symposium on Asbestosis Oct. 19-21, to attend our Annual Meeting on Oct. 9th if they can so arrange their schedule. This would not be limited to our present associate members in England and France. Further thought is to be given this suggestion.

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Minutes - Board of Governors

Page 4.

18. Date of the next meeting of A.T.I. is October 8-9, 1964, and is to be held at the Barbizon-Plaza Hotel, New York, N.Y.
19. The date and place of the first meeting in 1965 is to be recommended by a committee composed of Messers Peele and Griffis. The possibility of a southern location for sometime in February was suggested, and met with generally favorable reaction.
20. A motion to adjourn was made by Mr. Weber, seconded by Mr. Griffis, and the motion was carried unanimously.

Respectfully submitted

H.E. Sunbury - Exec. Secretary

MS 005240

MT-004646

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MINUTES: Asbestos Textile Institute
 Technical Committee Report
 Barbizon-Plaza Hotel
 New York, New York
 June 4, 1964

ATTENDING:

H.E. Sunbury, Asbestos Textile Institute
 J.D. McCluer, H.K. Porter Co.
 M.W. Oliver, Raybestos-Manhattan, Inc.
 D.F. Quealy, American Asbestos Textile Corp.
 G.J. Sligh, United States Rubber Co.
 J.P. Wronski, Raybestos-Manhattan, Inc.
 W. Maaskant, American Asbestos Textile Corp.

SUBJECTS DISCUSSED:

A. Magnetic Rating

A request from the GSA was discussed regarding the magnetic rating on raw stock pile fibre. The 0.75 M.R., as listed in the specification for C & G fibres was discussed. It was suggested to consider the 0.75 M.R. to be meant after carding. Therefore, the present specification should be changed and the M.R. increased. Inasmuch as this is more in line with the fibre testing committee, our recommendations were forwarded to this committee. We understand the fibre testing committee will establish a survey to analyze the proper M.R. on raw fibres which will give a finished M.R. of 0.75.

B. Review Specifications FSC Class 5330

1. A request was received from U.S. Army Materials Research Agency, Watertown, Massachusetts, for a review of approximately 17 specifications. A motion was adopted, that any recommendations the A.T.I. might have, will be forwarded to the Mechanical Packing Association, inasmuch as this agency is very much involved with Class 5330.

MS 005241

2. 17 specifications were screened, and it was found that A.T.I. members may be involved on the following specs.

HH-G-76B
 HH-P-31B
 HH-P-36B
 HH-P-34B

HH-P-41A
 HH-P-51A
 HH-G-116

MT-004647

3. M.P.A. is requested to advise us about the validity of the above. As soon as this is received, either at the next A.T.I. meeting or by the individual technical committee members, these specifications will be analyzed.

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MINUTES: Asbestos Textile Institute
Technical Committee Report

4. Our recommendations will be forwarded to M.P.A. and in turn, M.P.A. is requested to add their recommendations and return them to A.T.I. for our review.
5. Final recommendations will be forwarded by M.P.A. to Watertown.
6. M.P.A. is advised per letter dated 6-22-64, of our proposed setup and Watertown is advised accordingly by copy of that letter.

C. Specification HH-P-41C

Subject specification is also one of the 7 specifications to be analyzed for Watertown. Inasmuch as this spec. was on our agenda to be reviewed anyway, we went ahead and analyzed this specification. The following tentative recommendations were made.

- (a) 1.2.1 change reference from (see 3.3 and 6.2) into (3.1, 3.3 and 6.2).
- (b) 3.2 "spun into strands" should read "twisted into strands".
- (c) 6.2b should read: Size and weight of coil, reel or spool required (see 33).
- (d) Table I Weight Recommendations. Each company member will forward to committee chairman recommendations of the feet per pound on rope and wick. As soon as received, committee chairman will make a tabulation sheet and forward same to each member. Based on this, recommendations for proper weights will be made.

W. Maaskant

MS 005242

MT-004648

**PRODUCED
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MINUTES - BOARD OF GOVERNORS' MEETING - June 4, 1964
Barbizon-Plaza Hotel, New York City

ASBESTOS TEXTILE INSTITUTE

In Attendance:

S. J. Peele, Jr. - United States Rubber Company
J. W. Weber - American Asbestos Textile Corporation
J. A. Bettes, Jr. - Raybestos-Manhattan, Inc.
J. T. Griffis - H. K. Porter Company, Inc.
E. A. Schuman - Johns-Manville Corporation
T. D. McCluskey - Tallman-McCluskey Fabrics Company
G. D. Reycraft - Cadwalader, Wickersham & Taft (Legal Counsel)
H. E. Sunbury - Asbestos Textile Institute (Secretary)

Page 1, paragraph 5:

President Peele brought up the matter of the "Symposium on Asbestosis" to be held on October 19-21, 1964, at the Waldorf-Astoria Hotel, New York. He pointed out that the position of ATI in respect to representation at this symposium should be settled. After discussion it was agreed that ATI would have no official representation, but that member companies should try to have their company doctor, or their hygienist, attend. Further, that we should ask Dr. L. J. Cralley, of the U.S.P.H.S., if he would be agreeable to present certain data that he has accumulated to date from his industry survey of members' plants.

Page 2, paragraph 6:

The Secretary reported on the project for printing up a pamphlet entitled "Method for Determining Asbestos Dust Concentration" as recommended by the Air Hygiene & Mfg. Comm. at the February meeting. This pamphlet is now in the hands of the printer, and it is expected to be finished in the latter part of June. The cost of one thousand copies will be about \$370.00. Pamphlet has been priced by the Board of Governors to sell at \$1.00 each. The first publicity for this new pamphlet will appear in June issue of the Asbestos Magazine.

Page 2, paragraph 10:

Receipt of literature from Dr. S. Holmes, Secretary, Asbestosis Research Council, Turner Bros. Asbestos Co., Rochdale, England, in April of this year, was reported by the Secretary. This literature consisting of a dozen copies each of four different papers on the general subject of Asbestosis, has been turned over to the Air Hygiene & Mfg. Committee.

more.....

MS 005243

MT-004649

Page 3, paragraph 14:

The Secretary read a letter from L. C. Williams, Chairman of the (ATI) Air Hygiene & Mfg. Committee, dated May 18, 1964, in which he set forth his views of the objectives of his committee, the value of their new pamphlet as mentioned in paragraph 6 above, and his feeling that they should cooperate with the work that Dr. L. J. Cralley is doing. Comments on this letter were favorable.

MS 005244

MT-004650

MINUTES

SALES PROMOTION COMMITTEE

June 4, 1964

IN ATTENDANCE:

J.A. Bettes, Jr.	Raybestos-Manhattan, Inc.
J.A. Brown	Raybestos-Manhattan, Inc.
J.T. Griffis	H.K. Porter Co.
S.J. Peele, Jr.	United States Rubber Co.
E.A. Shuman	Johns-Manville Corp.
J.W. Weber	American Asbestos Textile Corp.
J.W. Christenbury	American Asbestos Textile Corp.

1. The Sales Promotion Committee spent the morning in a joint meeting with the Air Hygiene & Manufacturing Committee to hear a report by Dr. Lewis J. Cralley.
2. During the past year, the A.T.I. Exhibit has been displayed at the University of California, in Berkley, and Ohio State University. On May 19, it was transferred to the Redpath Museum at McGill University in Montreal, Canada. The Exhibit will be available for the University of Montreal this fall.
3. It was decided that the committee should study, in detail, the A.T.I. Handbook and make any recommendations on additions or revisions in order to update the information contained therein.
4. Samples of foreign made asbestos cloth were inspected. Their construction and asbestos content were compared with domestic production.
5. Production figures for the 1st quarter of 1964 are encouraging, and it is the hope of the committee that continued activity in heavy and other related industry will add further improvement.

Respectfully submitted,

J. W. Christenbury, Chairman
Sales Promotion Committee

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MT-004651

Air Hygiene & Manufacturing Committee
June 4, 1964
Barbizon-Plaza Hotel, New York, N.Y.
9:30 A.M. to 5:00 P.M. Studio M

Attending:

L. C. Williams - Chairman	Raybestos-Manhattan, Inc.
W. C. Atkinson	Johns-Manville Corp.
D. T. Austin	United States Rubber
J. L. Rainey	American Asbestos Textile
Hans Walter	American Asbestos Textile
C. L. Sheckler	Johns-Manville Corp.
A. C. Link	United States Rubber
A. P. Gouveia	H. K. Porter Co., Inc.
T. C. McCluskey, Jr.	Tallman-McCluskey Fabrics Co.

Absent:

R. B. Smith	Raybestos-Manhattan, Inc.
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Public Health Service Survey
Progress Report by Dr. Lewis J. Cralley
Members from other ATI Committees attending.

Dr. Cralley gave a most interesting report on his recent trip to France at which time he attended the Congress on Asbestosis. The Congress was sponsored by all Asbestos Producers in France and there was representation from eight or nine countries.

During the general session there were three papers given on the medical check of employees. Of most interest was the report stating previous to 1930 there were 7 to 10 times the occurrence of lung cancer in Asbestos workers vs the General Public and from 1930, after dust control systems were installed in plants, the occurrence was less than the General Public. In both case studies approximately 113 persons were checked.

The Congress indicated the Rayco dust monitoring unit is a very good one. The reason it is a good unit is it can be set to read dust counts in specified fibre lengths; .5 microns, .8 microns or 1 micron. The cost of this unit is approximately \$12,000.

Continuing, Dr. Cralley presented a progress report on the Environmental Studies made by his group in U.S. plants. As of this date, they have been to six plants and have taken 1500 to 2000 samples. Depending on plant size the group will complete one or two plants every three months.

MT-004652

EXHIBIT B-81

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Air Hygiene & Mfg. Committee

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June 4, 1964

Dr. Cralley displayed a series of charts showing dust concentrations from thirty years ago vs the current studies. The charts are very encouraging as in every operation - Preparing through Weaving - a significant reduction in dust concentration has been found.

Dr. Cralley stated he will give us a progress report from time to time and when he feels sufficient data is available a complete report will be issued on the Survey.

Dust Monitoring Equipment

Mr. Horst Blume and Dr. Volinsky demonstrated the Sinclair-Phoenix Dust and Smoke Photometer. Their address is:

Phoenix Precision Instrument Co.
3803-05 N. Fifth Street
Philadelphia 40, Pa. USA

Area Code 215 BA-8-7417
Cable: PPLCO

The demonstration was very interesting and the Air Hygiene Committee feels the unit has a place in the program of dust controls. The unit through the recorder will give a continuing permanent record of dust concentration in an area rather than a reading just during the time of sampling as our present method does. Before any firm recommendations can be made on this unit correlation between the standard test results and the Sinclair-Phoenix unit would have to be checked. Pamphlets describing the unit were distributed and we expect to have some comments on it by the next ATI meeting.

The price of the unit is approximately \$2500 plus \$700 for the recorder.

The Committee expressed their thanks to Mr. Blume and Dr. Volinsky for the fine demonstration and also to Hans Walter for suggesting we invite Mr. Blume and Dr. Volinsky to the ATI meeting.

Asbestosis Research Council (England)

Reports received from S. Holmes:

"Experimental Asbestosis in Rats" by P. F. Holt, S. Mills and D. K. Young.

"A New Slow Running Personal Dust Sampler" by R. Hunt and M. Ellison.

"An Electron Microscope Study of the Effect of Asbestos Dust in the Lung" by J. M. G. Davis.

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Air Hygiene & Mfg. Committee

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June 4, 1964

"The Ultrastructural Changes That Occur During The Transformation of Lung Macrophages to Giant Cells and Fibroblasts in Experimental Asbestosis" by J. M. G. Davis.

Each of the above papers were reviewed and found to be of interest and very informative. Every Committee member has a copy of each paper and will keep them on file for future reference.

The Committee agrees that the ATI should encourage all persons studying the effect of Asbestosis on Health to forward the papers to the ATI for our reference. This followup will keep the ATI abreast of all programs on this subject.

Medical Report on Asbestosis

Reprint from Diseases of the Chest
Official Journal of the
American College of Chest Physicians
from Mr. H. C. Givan, Jr.
Jesseop Steel Company
Washington, Pa.

A review of this paper was made and we feel this information in the paper is basic.

Special note was made to two paragraphs under Industrial Hygiene Aspect.

- 1) "In spite of the fact that the total dust exposure may be higher in the asbestos mining industry, the health hazard is more serious in the asbestos textile industry. The explanation for this is that in mining 80 percent to 95 percent of the dust may be serpentine rock dust, which is biologically relatively inert."
- 2) "Techniques of dust counting vary considerably and need to be standardized. The most practical method is the membrane filter device. The most accurate but least practical methods are the thermal and electrostatic precipitation. The Konimeter and Impinger methods are unreliable. Currently the value of the Tyndallometer and photoelectric methods are being explored."

Both of these statements are questionable and we believe will be changed in the future when the Public Health Program report is issued.

Environmental Dust Counting Technique

MT-004654

Mr. Sunbury gave us for review a sample of the print setup and size booklet which will be printed. The Committee agreed that the

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Air Hygiene & Mfg. Committee

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June 4, 1964

sample would be acceptable and instructed Mr. Sunbury to have the booklet printed. If all goes according to schedule, the booklet should be available in two or three weeks.

Mr. Sunbury asked this Committee to suggest publication for advertising this booklet. We suggest Textile World, Textile Industries and American Public Health Journal.

Thank you, Mr. Sunbury, for following up on the details of publishing this booklet.

State of New Jersey - Department of Health
E. Lynn Schall

The conference - "Biological Effects of Asbestosis" -
October 19-21, 1964

The conference has grown in size and has been moved to the New York Academy of Sciences. The ATI will not take an active part in this conference. However, each of us is very interested in the conference and most likely all member companies will want to have someone attend.

As soon as additional information is received Mr. Sunbury will keep us informed on developments.

American Industrial Hygiene Association

The Committee reviewed a paper given by Dr. J. J. Selckoff at this meeting. The title of the paper is "Asbestos Exposure and Neoplasia". The study was made by a research team on all the men who have become members of the New York City-Newark, New Jersey locals of the International Union of Heat and Frost Insulators and Asbestos Workers AFL-CIO since December 31, 1942. They are building trades workers.

Details of the report were reviewed and each member has a copy for reference.

General Topics

Items of interest such as noise abatement, safety, new equipment, plant housekeeping, Aerodynamic control of air at Twisting, and equal pay for male and female workers were discussed.

L. C. Williams, Chairman
Air Hygiene & Mfg. Committee

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Minutes
of the General Meeting
Asbestos Textile Institute
Barbizon-Plaza Hotel, New York
June 5, 1964

In Attendance:

AMERICAN ASBESTOS TEXTILE CORP.
J.W.Weber
J.L.Rainey
J.W.Christenbury
W.Maaskant
D.F.Quealy
H.H.Walter

ASBESTOS CORPORATION
G.F.Jenkins
A.C.Steele
E.L.Alexander

Bell ASBESTOS MINES LTD.
F.P.Smith
G.W.Smith
R.Dodds-Hebron

CASSIAR ASBESTOS CORP.LTD.
T.T.Tigert

H.K.PORTER COMPANY, INC.
J.T.Griffis
J.D.McCluer
D.E.Childers
A.P.Gouveia

CADWALADER, WICKERSHAM & TAFT
G.D. Reycraft

JOHNS-MANVILLE CORP.
E.A.Schuman
W.C.Atkinson
I.Barnett
J.E.Connor
N.W.Hendry (Canadian J-M Corp.)

RAYBESTOS-MANHATTAN, INC.
J.A.Bettes, Jr.
J.A.Brown, Jr.
L.C.Williams
J.P.Wronski
M.W.Oliver
J.W.Hawkins

TALLMAN-McCLUSKEY FABRICS CRP.
Ted D. McCluskey
J.H.Z.Jergenzahr

TURNER & NEWALL LTD.
Bernard Lincoln

UNITED STATES RUBBER CO.
S.J.Peele, Jr.
A.C.Link
D.T.Austin, Jr.
G.J.Sligh

ASBESTOS TEXTILE INSTITUTE
H.E.Sunbury

GUESTS:

Mr. Wm.M. Segall ---- National Cotton Council of America
(Guest Speaker)
Mr.B.D.Hubbard ---- United States Rubber Company
Mr.J.L.Tucker ---- Retired (Guest of Honor)
Mr. Shepard ---- United States Rubber Company
Mr. Miller ----- H.K.Porter Company, Inc.

MS 005250

1. The meeting was called to order by President Peele with a brief address of welcome. Each person was asked to stand and identify himself, and his company affiliation.

2. The minutes of the last meeting were introduced for read- however, since all members had received copies of same prior to the date of this meeting, it was moved by Mr.Bettes and second- ed by Mr. Barnett, thst the reading be omitted, and that the min- utes be accepted as circulated. Agreement was unanimous.

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MT-004656

3. The Treasurer's Report was presented by Treasurer J.A. Brown, Jr., who stated that the Board of Governors had instructed that the sum of \$5000.00 be transferred from the General Fund to the Savings Acct. Fund. It was moved by Mr. J.T. Griffis, and seconded by Mr. L.C. Williams, that the report be accepted as read, and made a part of these minutes. Agreement was unanimous.

MS 005251

In conclusion, the charge of the District Court in the Asbestos Cement Pipe case was read to the meeting, in which the court made it quite clear that standards based on technical considerations rather than the elimination of competition would be upheld.

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5. The next part of the meeting was devoted to committee reports, and the chairmen of the several working committees reviewed the matters considered and actions taken by their committees since our last meeting, and also in session on June 4th. Their formal reports are attached.

a) The Air Hygiene & Mfg. Committee Report was presented by Chairman L.C. Williams

b) The Sales Promotion Committee Report was presented by Chairman J.W. Christenbury

c) The Fiber Committee Report was made by Mr. N.W. Hendry of the Canadian Johns-Manville Corp., Ltd. No formal report is made by this committee, but Mr. Hendry's remarks were most interesting. He mentioned that business was brisk in most grades of fiber, -that Asbestos Corporation and Johnson's Co. had merged, -that the Munro Mine is to be closed. That California has become a producer of certain grades of fiber, and competition from Russian fiber is still a factor in the market. Foreign trade has held up very well. Regarding new uses for asbestos fibers, the experimental work for use in certain types of paint appears promising, to date. At conclusion of Mr. Hendry's remarks, Mr. J.T. Griffis paid tribute to the cooperation of the mining companies in reducing the dust content of spinning grades of asbestos fiber.

d) The Technical Committee Report was presented by its Chairman, Mr. Wm. Maaskant.

e) The Fiber Testing Committee Report was presented by the Chairman, Mr. I. Barnett.

6. President Peele said that the following men had recently received important and well deserved promotions within their respective companies, and extended congratulations and best wishes to:

G.W. Jenkins -----Asbestos Corporation, Ltd.
M.P. Carson ----- " " "
J.W. Weber ---- American Asbestos Textile Corporation
J.L. Rainey ----- " " "
R. Dodds-Hebron ---- Bell Asbestos Mines, Limited

7. Mr. Peele announced that a special program had been decided on by the Board of Governors for our 20th Annual Meeting in October, and that he had appointed Mr. Jack Bettes as Chairman of the 20th Anniversary Committee to formulate plans and all necessary arrangements for this special occasion. The date is October 8-9, 1964. Place-Barbizon-Plaza Hotel, New York City. It is hoped that we will have a record attendance at this, our 20th Anniversary Meeting.. We plan to extend invitations to foreign visitors, as well as officials of member companies.

8. Mr. Peele referred to the planned symposium on "Asbestosis" now officially termed "Conference- Biological Effects of Asbestos" to be held at the Waldorf-Astoria hotel on Oct. 19-21st, of this year. The conference is sponsored by the New York Academy of Sciences, and Mr. Peele stated that A.T.I. would not be

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8.(continued)

officially represented at the conference, but he asked member companies to seriously consider sending qualified personnel to it. Mr. Griffis requested that the Secretary of A.T.I. obtain and send to all members, full details of the coming conference, also, that our members should advise the Secretary who will attend from their respective companies.

9. The resignation of Johnson's Company, Ltd., as an Associate Member of the Institute due their merger with the Asbestos Corporation, Ltd., was mentioned by Mr. Peele. He expressed regret at the loss of this fine company, who for so many years has been a staunch supporter of the Institute and expressed the hope that we would continue to maintain contact with the personnel from Johnson's Company, who regularly did attend our meetings.

10. President Peele paid tribute to Mr. J.L. Tucker, our Honor Guest. Mr. Tucker, prior to his retirement from Johns-Manville Corp. last February had been a very active member of A.T.I. As Chairman of the Technical Committee, and in many other ways, Mr. Tucker has served the Institute well and faithfully for many years. At conclusion of his remarks, President Peele presented Mr. Tucker with a handsome plaque as a token of the Institute's appreciation. Mr. Tucker responded with appropriate words of thanks, and extended his best wishes to the Institute and to its members.

11. President Peele asked Mr. Bernard Lincoln, of Turner & Newall Ltd., to address the members, pointing out that this was the first meeting for Mr. Lincoln, and that he was a member of our Fiber Testing Committee, and that we hoped he could attend our future meetings regularly. Mr. Lincoln thanked Mr. Peele for the opportunity of addressing the meeting, and said they in England had been very conscious and appreciative of the work that our Fiber Testing Committee has been doing. He hoped and believed they could contribute something of value in the continuing efforts of that committee.

President Peele then introduced our Guest Speaker, Mr. Wm.M. Segall, Research Specialist, National Cotton Council of America. The Subject of his talk was " Cotton Fights Back" This was a most interesting talk on the efforts being made by the cotton industry to combat the competition from synthetics, and developments in new finishes to expand the markets for cotton fabrics.

13. Date of next meeting, our 20th Anniversary Annual Meeting, is October 8-9. 1964, to be held at the Barbizon-Plaza Hotel, New York City.

14. Recessed for luncheon, and meeting adjourned immediately after luncheon.

Respectfully submitted,

H.E. Sunbury, Exec. Secretary

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MT-004659

MINUTES - GENERAL MEETING - June 5, 1964
Barbizon-Plaza Hotel, New York City

ASBESTOS TEXTILE INSTITUTE

Page 3, paragraph 8:

Mr. Peele referred to the planned symposium on Asbestosis now officially termed "Conference - Biological Effects of Asbestos" to be held at the Waldorf-Astoria hotel on October 19-21, of this year (1964). The conference is sponsored by the New York Academy of Sciences, and Mr. Peele stated that ATI would not be officially represented at the conference, but he asked member companies to seriously consider sending qualified personnel to it. Mr. Griffis requested that the Secretary of ATI obtain and send to all members, full details of the coming conference, also, that our members should advise the Secretary who will attend from their respective companies.

MS 005254

MT-004660

ASBESTOS TEXTILE INSTITUTE
P.O. Box 239
Pompton Lakes, N.J. 07442

July 24, 1964

Mr. Clarence A. Fredell
Technical Advisor (Engineering)
Economics and Research Staff
General Services Administration
Defense Materials Service
Washington, D.C. 20405

Dear Mr. Fredell: Re: National Stockpile Purchase
Specification P-3-R3

In further reference to your letter of June 1st, 1964, and our letters of June 8th and 30th on this subject, we are happy to advise that our Fiber Testing Committee has now completed their investigation in respect to the Magnetic Rating of Chrysotile Asbestos, as specified in Section 2, (f) of Specification P-3-R3.

This committee reports that there is general agreement among the members of the Institute that the current requirement of 0.75 maximum magnetic rating for raw asbestos fiber is lower than necessary to produce asbestos textiles with 0.75 maximum magnetic rating, in view of the reduction in free magnetic material which normally occurs in textile manufacturing. That this reduction occurs not only in the carding operation, as mentioned in your letter, but in varying degree in other operations of textile manufacture, and for that reason they think the best solution is to raise the current requirement to a more realistic level.

Therefore, the Asbestos Textile Institute recommends that Section 2.(f) of National Stockpile Purchase Specification P-3-R3 dated March 7, 1963, be changed in respect to the current requirement for Magnetic Rating from 0.75 maximum to 1.0 maximum.

We believe that the adoption of 1.0 maximum for raw asbestos fiber will be advantageous to the Government in the purchase of chrysotile asbestos fiber suitable for electrical insulating applications.

The opportunity of presenting the views of the Institute on this matter is greatly appreciated, and if there is any way that we can be of further service please let us know.

Yours very truly,

H.E. Sunbury - Exec. Secretary

Note to ATI members:

Copy of this letter should have been attached to the minutes of the October 9, 1964 meeting, as it is a matter of general interest to our members. We regret its omission.

H.E.S.

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MT-004661

ASBESTOS TEXTILE INSTITUTE Report of Funds As of September 9, 1964

Balance on Hand at Last Report (May 8, 1964)

General Fund	\$11698.07
Savings Account Fund	12386.07
Petty Cash Fund	<u>100.00</u>

\$24184.14

Receipts

To Savings Account Fund (Interest)	223.98	(Jan.1st to June 30.)
To General Fund (Book Sales)	<u>141.31</u>	

365.29

Total On Hand and Received

\$24549.43

Disbursements

Legal Expense (To 5/31/64)	375.00
Telephone (4 Mos.)	103.22
Office Supplies	79.27
Freight on Exhibit	95.60
Repairs to Exhibit	56.16
Fiber Test Manuals (Purchased)	16.72
Printing Dust Count Pamphlets(1-M)	371.96
Copyright on Pamphlet	4.00
June Meeting expense	531.77
Secretary's Salary (4 mos)	400.00
Office Rent (4 mos)	166.64
Petty Cash Vouchers(#83-121 incl)	<u>138.43</u>

Total Disbursements

2338.77

Balance On Hand as of September 9, 1964

\$22210.66

Funds

General Fund (Bank Statmt 9/9/64)	\$4549.50	(See footnote)
Savings Account Fund	17610.05	
Petty Cash Fund	<u>51.11</u>	

Total Funds

\$22210.66

Assets as of September 9, 1964

Cash in Bank (Checking Acct)	\$ 4549.50
Cash in Bank (Savings Acct)	17610.05
Petty Cash on Hand	51.11
Postage on Hand	3.00
Accounts Receivable(1964 dues)	500.00
Accounts Receivable(Book Sales)	2.90
Furniture & Equipmt(Nominal Value)	<u>1.00</u>

Total Assets

\$22717.56

Liabilities (none)

Net Worth

\$22717.56

Note: General Fund reduced by transfer of \$5000.00 to the Savings Account Fund on June 9, 1964.

Respectfully submitted, H.E. Sunbury, Assistant Treasurer

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ASBESTOS TEXTILE INSTITUTE

P.O. BOX 239, POMPTON LAKES, N.J. 07442

U. S. A.

Note:

This letter, together with a copy of September 9, 1964
our pamphlet entitled "Method for
• Determining Asbestos Dust Concentration" was
sent to each person listed in the program for the Conference on
"Biological Effects of Asbestos" which was held on Oct. 19-21, 1964
at the Waldorf-Astoria Hotel, New York City, under the auspices of
the New York Academy of Sciences.

Dear Sir:

We are pleased to enclose for your inspection a
complimentary copy of our new pamphlet which is entitled
"Method for Determining Asbestos Dust Concentration".

This pamphlet was prepared by the Institute's
committee on Air Hygiene & Manufacturing, and we believe
it to be an important contribution to promote more
effective control of working conditions wherever asbestos
fiber is handled, or processed.

The method for Dust Counting, as described in the
pamphlet, represents the technique approved for use in their
own plants by members of the committee, and is believed to
be consistent with the usual practice of State Departments
of Health thruout the United States, thus making possible
a greater degree of correlation of results than would
otherwise be possible.

This pamphlet is available from the Institute
at the nominal price of \$1.00 per copy.

Yours very truly,

H. E. Sunbury
H. E. Sunbury
Exec. Secretary

Enc: (1)

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RAYBESTOS-MANHATTAN, INC.

ASBESTOS TEXTILE DIVISION

Manheim, Pa. 17545



October 2, 1964

Mr. S. J. Peele, President
Asbestos Textile Institute
Administrative Center
350 Columbia Road
P. O. Box 357
Winnsboro, South Carolina 29180

Dear Mr. Peele:

We have examined the report of funds and balance sheet of the Asbestos Textile Institute as of September 9, 1964, and the transactions for the year ending on that date.

The bank balances as reported on the balance sheet have been reconciled with the records of the depository, Chase National Bank, New York.

In our opinion, the accompanying statement presents fairly the financial position of the Institute on September 9, 1964 in conformity with generally accepted accounting principles.

Sincerely,

C. W. Briggs, Jr.
C. W. Briggs, Jr.

bw

cc: Mr. H. E. Sunbury
Mr. J. A. Brown, Jr.

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ASBESTOS TEXTILE INSTITUTE

In Attendance:

S. J. Peele, Jr. - United States Rubber Company
J. A. Bettles, Jr. - Raybestos-Manhattan, Inc.
J. A. Brown, Jr. - Raybestos-Manhattan, Inc.
J. T. Griffis - H. K. Porter Company, Inc.
W. S. Hough - Johns-Manville Corporation
J. L. Rainey - American Asbestos Textile Corporation
T. D. McCluskey - Tallman-McCluskey Fabrics Co.
J. P. Flocken - Cadwalader, Wickersham & Taft (Legal Counsel)
H. E. Sunbury - Asbestos Textile Institute (Secretary)

Page 1, paragraph 4:

President Peele brought up the subject of the coming Conference on "Biological Effects of Asbestos" to be held under the auspices of the New York Academy of Sciences, October 19-21, 1964. He asked what further action, if any, should be taken in respect to the position of the Institute towards this conference, as adopted at our last meeting, in view of the publicity which appeared in many newspapers on October 6th, in which asbestos was cited as a possible cause of cancer. This adverse publicity, released by Dr. Selikoff and his associates, is based on very limited background information, as compared to that of the asbestos industry, but is very harmful to the entire industry.

There was a lengthy discussion as to ways and means of combating this unfavorable publicity. The question was raised as to whether those who have issued the publicity could be warned of the gravity of their charges, and its unfavorable effect on the entire asbestos industry, without giving the impression

There was general agreement that the possibly serious economic repercussions of this bad publicity for asbestos should be brought to the attention of Member Companies top management, and they in turn should advise the Institute their wishes as to course of action desired, and extent of financial support that might be given.

Page 2, paragraph 5:

It was agreed that the recently published pamphlet entitled "Method for Determining Asbestos Dust Concentration" should be priced at 50 cents each to members and associate members, regardless of quantity ordered. For non-members, \$1.00 each, with first copy free.

M I N U T E S

SALES PROMOTION COMMITTEE

October 8, 1964

IN ATTENDANCE:

J.A. Brown	Raybestos-Manhattan, Inc.
J.A. Bettes, Jr.	Raybestos-Manhattan, Inc.
J.T. Griffis	H. K. Porter Co.
W.S. Hough	Johns-Manville Corp.
S.J. Peele, Jr.	United States Rubber Co.
E.A. Shuman	Johns-Manville Corp.
J.W. Christenbury	American Asbestos Textile Corp.

1. In September of 1963, our display was shipped to Ohio State University, Columbus, Ohio. Later, it was moved to the University of California at Berkley. In May, it was transferred to the Redpath Museum at McGill University in Montreal. This committee would like to express our sincere thanks to Mr. Paul A. Filteau for his assistance. He has been instrumental in furnishing an informative folder on the Quebec asbestos mining industry to visitors viewing the exhibit.
2. The present inventory of Asbestos Textile Institute handbooks is sufficient to take care of anticipated requirements.
3. Continued effort is being made to keep abreast of imports of foreign asbestos textiles.
4. A recent Associated Press news release alleging a connection between asbestos and cancer was reviewed. The affect of such reports on sales were discussed.
5. Various news items concerning Soviet expansion in fiber production were discussed. The Sales Promotion Committee will be especially interested in any comments Mr. George Jenkins cares to give us on this subject.

Respectfully submitted,

*J.W. Christenbury*J. W. Christenbury, Chairman
Sales Promotion CommitteePRODUCED
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MINUTES: ASBESTOS TEXTILE INSTITUTE
FIBER TESTING COMMITTEE
OCTOBER 8, 1964

Meeting held at the Barbizon-Plaza Hotel, New York City.

In attendance:

I. Barnett, Chairman	Johns-Manville Products Corporation
D. Childers	H. K. Porter Company, Inc.
J. W. Hawkins	Raybestos-Manhattan, Inc.
E. A. Farrell	Lake Asbestos of Quebec
R. Dodds-Hebron	Bell Asbestos Mines, Ltd.
G. F. Jenkins	Asbestos Corporation, Ltd.
T. T. Tigert	Cassiar Asbestos Corporation
J. Wronski	Raybestos-Manhattan, Inc.
B. Lincoln	Turner and Newall, Ltd.
W. P. Archer	Canadian Johns-Manville, Ltd.

Review of Tests Under Development or Revision

1. Magnetic Rating Tests

a. Magnetic Force Method - Raybestos-Manhattan

Sub-committee headed by Mr. Hawkins reported that the standard samples prepared by R/M were at H. K. Porter for the purpose of calibrating their equipment. Mr. Wronski will prepare additional calibration samples for other members to expedite the study. The set consists of ten samples of magnetite in zinc oxide in the range from 0.001 to 8.0 per cent.

b. Standard ASTM Method (Mapes) - QAMA

QAMA have prepared draft of revised test procedure adopted on May 4, 1964. Copies will be distributed to ATI members for vote prior to our February meeting.

c. Modified Mapes - Turner and Newall

Mr. Lincoln demonstrated the T/N magnetic analyser and distributed a draft of the test procedure. Everyone present agreed that the equipment appeared to be a considerable improvement over the standard Mapes equipment in compactness in design, ease of operation, and most important, the sensitivity. The unit has four ranges and will read to 0.1 per cent. Bell have a unit and Cassiar are having one delivered to them from Turner and Newall.

Our ATI sub-committee will study this equipment relative to sensitivity and reproducibility. Mr. Wronski will send Mr. Lincoln some standard magnetite samples and fiber test samples.

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MINUTES: ASBESTOS TEXTILE INSTITUTE
FIBER TESTING COMMITTEE
OCTOBER 8, 1964

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2. Suter-Webb Comb Test - Cassiar

The revised procedure contains an alternate method employing fiber grippers and hand comb as supplied by Turner Asbestos Fibers, Ltd., Manchester, England. A formal approval has been held in abeyance pending delivery of this apparatus to some members. Bell can now supply this upon request.

3. Frictional Properties - Johns-Manville

Since this test will not be completed prior to publishing the revised Manual of Test Procedures, the discussion was given a low priority. Difficulty is still being experienced in developing a technique for anchoring the test samples in the equipment under study. As a result, reproducibility has been poor.

Report on ASTM High Modulus and Inorganic Fiber Committee

There was very little activity to report from Sub-committee III, Asbestos and Naturally Occurring Fibers. Both the ATI and QAMA are following the work of this sub-committee very closely.

Plans for Revising the Manual of Test Procedures

The tentative plan of revising the manual as outlined in the minutes of the June meeting was acceptable in general. Final approval is expected by the February 1965 meeting of ATI. Some of the additions or revisions to the plan that were decided upon at this meeting were:

1. Keep the size of the printed page the same as present.
2. Include a yearly date as part of the test number. This is found in ASTM numbering system.
3. Provide larger left hand margin for punching the pages.
4. Consider a different color for cover.
5. Simplify the index and table of contents.
6. Issue as a separate publication the contents of the manual with a brief description or scope of each test.

Respectfully submitted,

Irvin Barnett, Chairman

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MINUTES: Asbestos Textile Institute
Technical Committee Report
Barbizon-Plaza Hotel
New York, New York
October 8, 1964

ATTENDING

J.D. McCluer
M.W. Oliver
G.J. Sligh
D.F. Quealy
H.E. Sunbury
W. Maaskant

Subjects Discussed

1. Federal Specifications - Class 5330

Seven (7) specifications were analyzed and the following comments were made:

A. Specification HH-P-41A is superseded by HH-P-41C, dated March 6, 1964. We recommend the following changes:

- (a) 1.2.1 change reference from (see 3.3 and 6.2) into (3.1, 3.3 and 6.2).
- (b) 3.2 "spun into strands" should read "twisted into strands."
- (c) 6.2b should read: Size and weight of coil, reel or spool required (see 33).
- (d) Change weight pounds per 100 feet and feet per pound nominal into the following:

<u>Nominal size</u>	<u>Wt. Lbs. per 100 ft.</u>	<u>* Feet/Lbs. + 10%</u>	<u>Unit Weights</u>
Wick:			
1/4	2.2	45.00	25 pound spool or reel
3/8	4.5	22.00	
Rope:			
1/4	2.2	45.00	25 or 50 pound coil
3/8	4.5	22.00	
1/2	8.3	12.00	
5/8	13.3	7.50	
3/4	16.5	6.10	
7/8	25.0	4.00	
1	31.0	3.20	
1-1/4	44.0	2.25	
1-1/2	56.0	1.80	

* Plus or minus 10% to be included.

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EXHIBIT B-84

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B. No comments on the following specifications:

HH-G-76B, HH-P-31D (supersedes 0031c and 31b). HH-P-34B, HH-P-51A, HH-G-116.

C. HH-P-36B, no weight is specified for the cloth as mentioned in this spec. Asked Mechanical Packing Association to list required weight and to request Watertown Arsenal to include same in revision.

Above recommendations were forwarded to Mechanical Packing Association for their review and they, in turn, were requested to forward their final recommendations to Technical Committee, Asbestos Textile Institute before consolidated analysis are forwarded to Army Materials Research Agency.

2. Specification SS-C-466e

This specification was issued on July 2, 1964 and practically all the recommendations previously made by Technical Committee are incorporated. However, a few discrepancies were found and Bureau of Ships is requested, as per our letter dated October 13, 1964, to amend the present specification as follows:

1.2.1. Grade AAA - 9 percent should read 95 percent.

3.3.3.5 Breaking strength to read warp - 65 and fill - 40.

3.6.1.1 Third sentence to read:
The warp yarn shall be 10 cut, 3 ply, and the filling shall be 10 cut, 2 ply.
In present specification, warp is misspelled (wrap) and 3 ply is eliminated.

5.2.1 & Last sentence: 200 pounds should read

5.2.2 225 pounds. (See 6.3.1 for maximum roll weight).

3. MIL-Q-9858A

Discussed was whether company members want to participate in this program. The whole matter needs more clarification, especially since most members would like to participate and some are already qualified. It was decided to invite Mr. Brandon, Chief Quality Assurance, Defense Construction Supply Center, Columbus, Ohio, to our next meeting for an around the table questioning.

W. Maaskant

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MT-004670

Minutes: Air Hygiene & Manufacturing Committee
October 8, 1964
Barbizon-Plaza Hotel, New York, N. Y.
9:30 A.M. to 5:00 P.M. Studio C

Attending:

L. C. Williams, Chairman	Raybestos-Manhattan, Inc.
W. C. Atkinson	Johns-Manville Corp.
D. T. Austin	United States Rubber
J. L. Rainey	American Asbestos Textile
Hans Walter	American Asbestos Textile
C. L. Sheckler	Johns-Manville Corp.
A. P. Gouveia	H. K. Porter Co., Inc.
T. C. McCluskey, Jr.	Tallman-McCluskey Fabrics Co.

Absent:

A. C. Link	United States Rubber
------------	----------------------

Public Health Service Survey
Dr. Lewis J. Cralley,
Scientist Director, Assistant Chief

Dr. Cralley was unable to attend our committee meeting. However, reports were made on the status of the environmental studies being conducted by Dr. Cralley and his group. They have completed six in-plant studies and are currently working at Raybestos-Manhattan, Inc., Manheim, Pa. There are three or four more companies to be studied in order to complete the Textile section of the survey. Reports to date from all companies are very complimentary to Dr. Cralley and the efficiency he and his group display. They are well accepted by both Management and employee. Dr. Cralley has stated he is very encouraged with the studies he has made to date.

Conference - "Biological Effects of Asbestos"
October 19-20-21, 1964
New York City

We discussed this conference at our June 4, 1964 meeting and at that time agreed the ATI would not take an active part in the Conference but each company would send representatives as they saw fit. The picture has now changed somewhat as recent publications again point out the intent of this Conference headed by Dr. Selikoff. Since they are linking asbestos with cancer, the committee feels this Conference will have an effect on the entire Industry and are concerned as how best the results of the Conference can be investigated and rebutted.

EXHIBIT B - 93 PRODUCED
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Minutes: Air Hygiene & Mfg. Committee

Page 2

After considerable discussion it was suggested a Public Relations man with our help would be the quickest way to get accurate publicity to the public. We all recognize that Dr. Selikoff has a plan for news releases; the latest one given to approximately 1750 individual news medians. We assume that news releases such as this will continue to flow from Dr. Selikoff and our concern for both the immediate industry and the customer as to the influence it will have on the use of asbestos. The committee reported our thinking as stated above to the Board of Governors and they will act as they feel necessary.

Published Pamphlet - "Method for Determining Asbestos Dust Concentrations"

A summary for the period July 1 thru September 30, 1964 shows 27 copies sold and 103 copies given away for publicity. We received letters of appreciation from four companies for the complimentary copy.

1. Chester Beatty Research Institute
Dr. J. S. Harington
2. London School of Hygiene and Tropical Medicine
Dr. M. L. Thomson
3. Atlas Asbestos Company
N. L. Barr, Vice President
4. Mineral Fiber Products Bureau
F. S. Nestle, Sec'y to Managing Director

The printing costs were 37¢ each. The Board of Governors set the price at 50¢ for members of the Institute and \$1.00 for non-members. We have sufficient copies on hand and additional copies may be purchased by writing to Asbestos Textile Institute, P.O. Box #239, Pompton Lakes, N.J., 07442.

Dust Monitoring Equipment

At the June 4th meeting the Phoenix-Precision Instrument Co. demonstrated a dust monitoring unit. Since each company has complete information on this unit the committee agreed to drop it from the agenda and each company will use the information as they desire.

Quality Control Systems under MIL-C-9858 A.

MT-004672

At the request of several members the committee reviewed this specification. It was agreed it is

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Minutes: Air Hygiene & Mfg. Committee

Page 3

desirable to be covered by this military specification if you are producing for the Government as it reduces the time involved for product inspection because your Quality program has been standardized and you certify to each shipment. In discussing this military specification I was pleased to find that most member companies are qualified.

General Discussion

Items of interest to Management such as employee infraction, disciplinary action, hiring, lay-off and overtime practices, Foremen's Manual and plant house-keeping were discussed.

Review of Committee Activities for Past Year

Meeting - June 6, 1963

1. Draft submitted on Institute approved dust counting method.
2. Asbestos Related Lung Cancer Study - Dr. Selikoff's study on 1500 asbestos workers largely on the asbestos insulation applications.
3. Open forum to introduce Dr. Cralley and the start of the U. S. Public Health Survey.

Meeting - October 4, 1963

1. Reviewed annual report of Asbestos Research Council of England.
2. Started investigation of Dust Monitoring Equipment.
3. Method for Determining Asbestos Dust Concentrations Approved by the Asbestos Textile Institute.

Meeting - February 7, 1964

1. Published and made available to anyone upon request the Method for Determining Asbestos Dust Concentrations. Will consider placing this method in the Asbestos Textile Handbook next issue.
2. Public Health Service Survey - Change of format - Dr. Cralley to be invited to the June ATI meeting. He will be requested to answer questions that have come up.
3. Announcement of the Conference "Biological Effects of Asbestos". Will hold all proceedings as to ATI participation until more information is received.

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Minutes: Air Hygiene & Mfg. Committee

Page 4

Tentatively recommended Mr. Sunbury, the ATI Secretary, be there as an observer.

Meeting - June 5, 1964

1. Public Health Service Survey - Progress report by Dr. Cralley. Questions answered.
2. Dust Monitoring Equipment demonstrated. Each member has complete information on this unit called the Sinclair-Phoenix Dust and Smoke Photometer. Cost approximately \$2500 plus \$700 for the recorder.
3. Asbestos Research Council of England - Reviewed reports received from Dr. Holmes.
4. Conference - "Biological Effects of Asbestos". The Committee agreed that ATI will not take an active part in this Conference. Each company will represent themselves as they see fit.

L. C. Williams, Chairman
Air Hygiene & Mfg. Committee

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BOARD OF GOVERNOR'S MEETING
Asbestos Textile Institute
Barbizon-Plaza Hotel, New York City
October 8, 1964

In Attendance:

S.J. Peele, Jr., - United States Rubber Company
J.A. Bettles, Jr., - Raybestos-Manhattan, Inc.
J.A. Brown, Jr., - " "
J.T. Griffis - H.K. Porter Company, Inc.
W.S. Hough - Johns-Manville Corporation
J.L. Rainey - American Asbestos Textile Corp.
Ted D. McCluskey - Tallman-McCluskey Fabrics Company
Jay Flocken - Cadwalader, Wickersham & Taft (Legal Counsel)
H.E. Sunbury - Asbestos Textile Institute (Secretary)

1. The meeting was called to order by President Peele, who noted that Mr. J.L. Rainey and Mr. Ted D. McCluskey had been properly accredited by their respective companies to serve in the absence of Messrs J.W. Weber and T.C. McCluskey.
2. The minutes of the last meeting were presented for reading. It was moved by Mr. Bettles, and seconded by Mr. Griffis, that the minutes be accepted without reading. Agreement was unanimous.
3. The Financial Report as of September 9, 1964, was presented by Treasurer J.A. Brown. Mr. Peele stated that he had received a letter from Mr. Charles W. Briggs, Jr., of Raybestos-Manhattan, Inc., dated October 2, 1964, in which Mr. Briggs reported that he had examined the books of the Institute for the year ending Sept. 9, 1964, and the Financial Report as presented by Mr. Brown "presented fairly the financial position of the Institute on that date." It was moved by Mr. Hough, and seconded by Mr. Griffis, that the report be accepted as read, and made a part of these minutes. So agreed.
4. President Peele brought up the subject of the coming Conference on "Biological Effects of Asbestos" to be held under the auspices of the New York Academy of Sciences, Oct. 19-21, 1964. He asked what further action, if any, should be taken in respect to the position of the Institute towards this conference, as adopted at our last meeting, in view of the publicity which appeared in many newspapers on October 6th, in which asbestos was cited as a possible cause of cancer. This adverse publicity, released by Dr. Selikoff and his associates, is based on very limited background information, as compared to that of the asbestos industry, but is **very harmful to the entire industry.** There was a lengthy discussion as to ways and means of combating this unfavorable publicity. The question was raised as to whether those who have issued the publicity could be warned of the gravity of their charges, and its unfavorable effect on the entire asbestos industry, without giving the impression that an attempt was being made to suppress or intimidate the medical profession. Legal Counsel was subsequently asked draft such a letter, (copy is attached) and it has been submitted to each Member for approval, before being sent to Dr. Selikoff, by Mr. Reycraft.

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The Board of Governors of A.T.I. requested Attorney Reycraft to prepare a letter to be sent to Dr. Selikoff on behalf of the Institute, and the letter as drafted by Mr. Reycraft, follows:

Dr. Irving J. Selikoff

Dear Dr. Selikoff:

Our client, the Asbestos Textile Institute, has requested us to communicate to you the grave concern which all member companies share over the possibly misleading implications of recent articles carried in many local and national newspapers on your report and news conference concerning mesothelioma.

The linking together of asbestos and mesothelioma in a cause and effect relationship is clearly made in an article which appeared in The New York Times of October 7, 1964. But in addition to describing your comments on possible occupational hazards, that article also ascribes to you and to Dr. Hammond statements and inferences that go beyond the confines of the studies which you actually conducted:

"The worrisome feature, Dr. Hammond and Dr. Selikoff said, is the evidence that asbestos, once taken into the body, stays there. Thus even a single heavy exposure could conceivably produce a cancer after a latent period of 20 years or more, they said.

"This idea, for which they said there is some experimental as well as epidemiological evidence could expand the risk from simply those occupationally exposed to virtually anyone who might only occasionally encounter asbestos dust."

Again, that article stated: "The specialists who gave the report expressed worry that the danger might not be entirely restricted to a limited occupation group, but that it might be more general and possibly of considerable importance. There is no direct evidence to substantiate this, they said, but some of the available findings hint that this may be the case."

It is common knowledge that developments in the field of cancer and possible causative factors or possible preventative and curative measures are subjects of very great and vital public concern. It must be recognized, however, that only the most careful and dispassionate efforts in presenting the results of limited research in this field to the public can avoid misinterpretation, oversimplification, and exaggeration. This is particularly true in discussing with members of the press such limited and tentative conclusions as those suggested by your studies.

Unfounded inferences and hints of danger, though sure of receiving wide distribution, contribute nothing to public understanding. Nor do they aid intelligent action by anyone, whether at the individual or group level or in private or public agencies. The health and welfare of workers in the asbestos and related industries, no less than the general public, in part of course rests upon wise, careful, and practical utilization of scientific knowledge. Innocent but unwise treatment of research data in public discussions or leaving it to laymen to appreciate the carefully phrased limitations and qualifications, can cause reactions that are not justified by the state of scientific knowledge.

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Letter to Dr. Selikoff, continued -

Page -2-

The efforts by members of this association in their own scientific work and medical programs and in cooperation with studies by such groups as the Public Health Service amply demonstrate the willingness of this part of the asbestos industry to act responsibly and intelligently in matters involving the health and safety of its employees and the general public as well. These companies welcome all responsible efforts along these lines.

The Asbestos Textile Institute urges no restraint upon independent medical inquiry or research - indeed it earnestly desires expansion of existing knowledge in this field. Nor does this Association seek in any way to discourage the right to discuss the results of such efforts. But it does urge caution in the discussion of these activities to avoid providing the basis for possibly damaging and misleading news stories. The right to study and to discuss these subjects is clear, of course. But the gravity of the subject matter and the consequences implicitly involved impose upon any who exercise those rights a very high degree of responsibility for their actions.

Sincerely,

CADWALADER, WICKERSHAM & TAFT

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*ASBESTOS
TEXTILE
INSTITUTE*

—FOUNDED 1944—

TWENTIETH ANNIVERSARY CELEBRATION

October 9, 1964

GENERAL MEETING

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MT-004678

R O S T E R

ASBESTOS TEXTILE INSTITUTE
P. O. Box 239, Pompton Lakes, N. J.

* * * *

AMERICAN ASBESTOS TEXTILE CORP.
Norristown, Pa.

H. K. PORTER CO. INC.
Charlotte 1, N. C.

JOHNS-MANVILLE CORPORATION
New York 16, N. Y.

RAYBESTOS-MANHATTAN, INC.
Manheim, Pa.

TALLMAN-McCLUSKEY FABRICS CO.
St. Louis 22, Mo.

UNITED STATES RUBBER COMPANY
New York 20, N. Y.

ASBESTOS CORPORATION, LTD.
Thetford Mines, Quebec, Canada

BELL ASBESTOS MINES, LTD.
Thetford Mines, Quebec, Canada

BRITISH BELTING AND ASBESTOS, LTD.
Cleckheaton, Yorkshire, England

THE CAPE ASBESTOS COMPANY, LTD.
London, W. 1, England

CASSIAR ASBESTOS CORP., LTD.
Toronto, Canada

ENGLISH ASBESTOS COMPANY, LTD.
Brislington, Bristol 4, England

LAKE ASBESTOS OF QUEBEC, LTD.
Black Lake, Quebec, Canada

SOCIETE ANONYME FRANCAISE DU FERODO
Paris, France

TURNER BROTHERS ASBESTOS CO., LTD.
Rochdale, England

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ASBESTOS TEXTILE INSTITUTE

OFFICERS

President ----- S.J. Peele, Jr.
Vice President ----- J.W. Weber
Treasurer ----- J.A. Brown, Jr.
Exec. Secretary ---- H.E. Sunbury

BOARD OF GOVERNORS

J.A. Bettes, Jr., J.T. Griffis, W.S. Hough
T.C. McCluskey, S.J. Peele, Jr., J.W. Weber

Air Hygiene & Mfg. Committee

L.C. Williams, Chairman
W.C. Atkinson, D.T. Austin, Jr., A.P. Gouveia
J.L. Rainey, C.L. Sheckler, R.B. Smith, H. Walter

Technical Committee

Wm. Maaskant, Chairman
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J.A. Bettes, Jr., J.A. Brown, Jr., J.T. Griffis
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Fiber Testing Committee

I. Barnett, Chairman
J.W. Hawkins, D.F. Quealy, G.F. Jenkins, M.C. Pharo
L.C. Williams, E.A. Farrell, J.P. Wronski
D.E. Childers, T.T. Tigert, B. Lincoln, A. Jerome

Fiber Committee

M.P. Carson, J.D. Christian, R.E. Cryor
A.W.G. Gibb, N.W. Hendry, F.P. Smith, W.J. Smith

Legal Counsel ----- G.D. Reycraft
Cadwalader, Wickersham & Taft

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ASBESTOS TEXTILE INSTITUTE
TWENTIETH ANNIVERSARY CONFERENCE

BARBIZON - PLAZA HOTEL,
NEW YORK, N.Y.

October 8-9, 1964

MEETING SCHEDULE

Thursday, October 8, 1964

Air Hygiene & Mfg. Committee
9.30 A.M. to 5.00 P.M. - Studio C

Fiber Testing Committee
9.30 A.M. to 5.00 P.M. - Studio D

Technical Committee
9.30 A.M. to 5.00 P.M. - Studio E

Sales Promotion Committee
9.30 A.M. to 5.00 P.M. - Sec'y Suite

Board of Governors
5.00 P.M. - Secretary's Suite

Friday, October 9, 1964

General Meeting ----- 9.30 A.M.
Yacht Lounge, Main

Luncheon ----- 12.30 P.M.
Yacht Lounge, Crest Room

Adjournment

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ASBESTOS TEXTILE INSTITUTE
TWENTIETH ANNIVERSARY CELEBRATION

October 9, 1964

AGENDA

Call to Order-9.30 A.M.-S.J.Peele,Jr.,Pres.

Introductions and Address of Welcome

Minutes of Last Meeting

Treasurer's Report

Committee Reports

Air Hygiene & Mfg. -- L.C. Williams,Chm
Sales Promotion ---- J.W. Christenbury,Chm
Fiber -- G.F.Jenkins,Senior V.P.,Asb.Corp.Ltd.
Technical ----- Wm. Maaskant,Chm
Fiber Testing ----- I. Barnett,Chm

Legal Counsel Report

Old Business

New Business

"The First Twenty Years" -- J.A.Bettes,Jr.

Guest Speaker: - H.B. (Doc) Sharer
U.S. Rubber Co.,New York,N.Y.

Subject:-"What makes a Star Salesman a STAR ?"

Luncheon

Adjournment

MS 005276

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MT-004682

TWENTIETH ANNIVERSARY CELEBRATION

Minutes of the
GENERAL MEETING
ASBESTOS TEXTILE INSTITUTE
October 9, 1964
Barbizon-Plaza Hotel, New York.

In Attendance:

AMERICAN ASBESTOS TEXTILE CORP.

J.L. Rainey
J.W. Christenbury
Wm. Maaskant
D.F. Quealy
R.H. Walter

ASBESTOS CORPORATION, LTD

G.F. Jenkins
A.C. Steele
E.L. Alexander (A.C.S., Ltd.)

BELL ASBESTOS MINES, LTD.

F.P. Smith
G.W. Smith
Wm.J.V. Smith
R. Dodds-Hebron

CASSIAR ASBESTOS CORP.

J.D. Christian
T.T. Tigert

JOHNS-MANVILLE CORP.

W.S. Hough
E.A. Schuman
W.C. Atkinson
I. Barnett
C.L. Sheckler

LAKE ASBESTOS OF QUEBEC, LTD.

E.A. Farrell

CADWALADER, WICKERSHAM & TAFT

G.D. Reycraft (Legal Counsel)

H.K. PORTER COMPANY, Inc.

J.T. Griffis
A.P. Gouveia
J.D. McCluer
D.E. Childers

RAYBESTOS-MANHATTAN, INC.

J.A. Bettes, Jr.
J.A. Brown, Jr.
L.C. Williams
J.P. Wronski
J.W. Hawkins
M.W. Oliver
R.B. Smith
M.Q. Scowcroft

TALLMAN-McCLUSKEY FAB. CO.

Ted D. McCluskey

TURNER & NEWALL, LTD.

Bernard Lincoln

TURNER BROS. ASBESTOS CO. LTD

W.M. Deckman

U.S. RUBBER COMPANY

S.J. Peele, Jr.
D.T. Austin, Jr.
G.J. Sligh

ASBESTOS TEXTILE INSTITUTE

H.E. Sunbury

-- GUESTS --

Guest Speaker - H.B.(Doc) Sharer - United States Rubber Co., N.Y.C.

J.F.D. Rohrbach - President, Raybestos-Manhattan, Inc.

C.H. Carlough - President of A.T.I. 1945-1946, Charlotte, N.C.

G.S. Fabel - President of A.T.I. 1949-1950, American Asb. Tex. Corp.

J.G. Schoepf - Treasurer of A.T.I. 1955-1957, Asten-Hill Mfg. Co.

A.E. Whitfield - Treasurer of A.T.I. 1961-1962, American Asb. Tex. Crp

M.C. Shaw - Exec. Sec'y of A.T.I. 1948-1953, Certainteed Products Cp.

F.T. Gatke - President, Asbestos Textile Company, Chicago, Ill.

E.H. Wells - Vice Pres, Johns-Manville Sales Corp., N.Y. City

Dr. L.J. Cralley, U.S. Public Health Service, Cincinnati, Ohio

Dr. J.H. Wolfsie - Medical Director, U.S. Rubber Co., New York City

Minutes - General Meeting

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Guests - continued

R.A. All -Director of Marketing, Tex.Div., U.S. Rubber Company, N.Y.
 H.M. Jackson - Johns-Manville Corp., New York
 J.L. Tucker - Johns-Manville Corp. (Retired)
 G.E. Houghton -Product Engineer, Garlock, Inc., Palmyra, N.Y.
 J.J. Sly - General Sales Manager, Thermoid Div., H.K. Porter Co.
 K.O. Renz - H.K. Porter Co., Pittsburgh, Pa.
 P.A. Filteau -Gen.Mgr., Quebec Asb.Mining Assoc., Quebec, Que., Can.
 G.R. Munger - Managing Dir., Mineral Fiber Products Bureau, New York
 B.D. Hubbard -Asbeston Sales Dept., U.S. Rubber Co., New York, N.Y.
 D.S. Nichols -Sales Engineer, Prodesco, Inc., Perkasio, Pa.
 S.A. Abrahams -V.P & Gen.Mgr., Terminex of Northern Calif. San Fran.
 D.A. Caruso - Accountant, New York City.

Total attendance - 63

Minutes of the Meeting

1. This, our Twentieth Anniversary Celebration Meeting was called to order by President Peele with remarks suitable to the occasion. Each person was asked to stand and identify himself and his company affiliation.
2. The minutes of the last meeting were presented for reading however, since all members had received copies prior to this meeting it was moved by Mr. J.A. Bettles, Jr., to dispense with the reading. The motion was seconded by Mr. J.T. Griffis, and agreement was unanimous.
3. The Financial Report was presented by Treasurer J.A. Brown, Jr., who stated that the annual audit of the Institute's books, for the year ending September 9, 1964, had been made by Mr. C.W. Briggs, of Raybestos-Manhattan's accounting department, and that Mr. Briggs had written to President Peele stating that the report as presented at this meeting "Presents fairly the financial position of the Institute on September 9, 1964." Mr. W.S. Hough moved to accept the Treasurer's Report, seconded by Mr. I. Barnett, and agreement was unanimous. The report is made a part of these minutes.
4. The next part of the meeting was devoted to reports by the Chairmen of the working committees, namely: Mr. L.C. Williams for the Air Hygiene & Mfg. Committee; Mr. J.W. Christenbury for the Sales Promotion Committee; Mr. Wm. Maaskant for the Technical Committee, and Mr. I. Barnett for the Fiber Testing Committee.

Included in their remarks was a review of the work done in the last year, projects currently worked on, and future objectives. Their formal reports are attached to these minutes.
5. Mr. Geo. F. Jenkins, Senior Vice President, Asbestos Corporation, presented the report for the Fiber Committee. This was a most comprehensive review of world conditions in respect to the production, market conditions, and potential supplies of asbestos fibre. Our members were highly appreciative for the opportunity to hear Mr. Jenkins, as he is eminently qualified to speak on the subject of asbestos fibre and its world markets.

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7. Dr. Lewis J. Cralley, of the U.S. Public Health Service, spoke about his survey work in member's plants. Said he was quite pleased with the progress of "the environmental study" and the cooperation that he has received. Mr. Cralley said that an attempt will be made to adopt standard classification for X-Ray studies. A panel of 70 or 80 radiologists is being assembled to do this. Dr. Cralley will give some data on the results of his survey to-date, at the Conference "Biological Effects of Asbestos" to be held October 19-21, 1964, at the Waldorf-Astoria Hotel.

8. President Peele informed the members that the Board of Governors had approved the Budget for the Institute for 1965, in the amount of \$8125.00. Further that A.T.I. Member companies have named the following as their representatives on the Board of Governors for the ensuing year: J.A. Brown, Jr., Raybestos-Manhattan; J.T. Griffis, H.K. Porter Co., Inc.; W.S. Hough, Johns-Manville Corp.; T.C. McCluskey, Tallman-McCluskey Fabrics Co., S.J. Peele, Jr. U.S. Rubber Company; J.L. Rainey, American Asbestos Textile Corp.

Also, that Mr. W.S. Hough, Chairman of the Nominating Committee, had submitted to the Board of Governors at the October 8th meeting a slate of officers for the Institute, to serve in the coming year, composed of:

For President - J.A. Brown, Jr. - Raybestos-Man., Inc.
For Vice Pres. - J.L. Rainey - Amer. Asb. Tex. Corp.
For Treasurer - E.A. Schuman - Johns-Manville Corp.

and that the Board of Governors had voted unanimously to accept the recommendations of the Nominating Committee, and the above were duly elected to office.

9. President Peele then introduced the new officers.

10. The next part of the meeting was in charge of Mr. J.A. Bettles Chairman of the Twentieth Anniversary Celebration committee, who reviewed the progress of the Institute during its first twenty years, and then called on the following men to address the meeting.

Mr. J.F.D. Fohrbach, President, Raybestos-Manhattan, Inc., who was Chairman of the Organizational Meeting held on November 16, 1944.
Mr. C.H. Carlough, first president of A.T.I., 1945-1946.
Mr. G.S. Fabel, President of A.T.I., 1949-1950
Mr. Geo.W. Smith, Bell Asbestos Mines, Ltd.
Dr. M.C. Shaw, Research Fellow and Exec. Director A.T.I. 1946-1963.

Minutes - General Meeting -continued

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All of these gentlemen proved to be extremely interesting speakers. They praised the work of the Institute and its accomplishments to date, and wished it continuing success. It was generally agreed that this portion of the meeting was an outstanding success. At this time Mr. Bettes announced that a souvenir of the occasion in the form of a silver tray, size 7 3/4 x 5 3/4", inscribed "ASBESTOS TEXTILE INSTITUTE, TWENTIETH ANNIVERSARY, 1944-1964" would be given to all those present, and these would be distributed during the luncheon.

11. President Peele then read a list of twenty names of individuals who had received special invitations to attend our Twentieth Anniversary Celebration, and who had written or wired their great regret they could not attend, and extending best wishes to the Institute for its continued success, and their sincere greetings to the members. Included were letters from England, France, Canada, and the U.S.A.

12. President Peele then introduced the Guest Speaker, Mr. H.B. (Doc) Sharer, of the United States Rubber Company, New York City. His subject was: "What makes a Star Salesman a STAR?" This proved to be a most entertaining and instructive talk, and many complimentary remarks concerning it were made by the members.

13. President Peele announced the next meeting would be held on February 10-12, 1965, at the Carolina Hotel, Pinehurst, N.C. The Carolina is rated as one of the country's finest resort hotels, and Pinehurst itself has been nicknamed "Golftown, U.S.A." It is adjacent to five 18 hole golf courses, and has two 18 hole putting courses, and a driving range. Other recreational activities such as skeet shooting, tennis, horseback riding, etc., are also available, and it is hoped that our attendance at this meeting will be large.

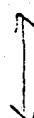
14. The Social Hour and Luncheon following the meeting was most enjoyable. A photographer took pictures of the newly elected officers, also a group of six former presidents of A.T.I., namely Messrs Carlough, Fabel, Peele, Hough, Griffis, and Bettes.

15. At the end of the luncheon Mr. W.S. Hough, on behalf of the members of the Institute, presented retiring President Peele with a beautiful ATMOS Clock, in appreciation of his excellent leadership of A.T.I. during the past two years. Mr. Peele responded with appropriate remarks, and thanked the members for the gift, saying that he had enjoyed the opportunity to be of service to A.T.I., and that he would continue to work for its success in the coming years.

16. Thereafter, the meeting adjourned.

Respectfully submitted,

H.E. Sunbury
Exec. Secretary



CONFERENCE

MS 005281

on

BIOLOGICAL EFFECTS OF ASBESTOS

Monday, October 19,
Tuesday, October 20, and
Wednesday, October 21, 1964

THE NEW YORK ACADEMY OF SCIENCES
SECTION OF BIOLOGICAL AND MEDICAL SCIENCE
2 East Sixty-third Street
New York, N. Y. 10021

The evening session on October 20
will be held at the Academy Building

ALL OTHER SESSIONS WILL BE HELD AT

The Waldorf-Astoria
Park Avenue at 50th Street
New York, N. Y.

This program will serve as a *liaison* and is nontransferable

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Preface of the Conference

In the four decades during which there has been acceptance of potential hazards associated with exposure to asbestos, solutions to the problems involved have been elusive.

Therapy of asbestosis remains largely a rearguard holding action once the diffuse interstitial fibrosis is established. Plophylactic measures are hampered by difficulties in early diagnosis, including the long latent period often noted between onset of exposure and clinical change.

Hard won data have been accumulating which indicate that neoplasia associated with asbestos exposure, especially those of the lung, are perhaps the most important industrial cancers at this time. This importance has been emphasized by the recent stimulating studies of South African and British investigators demonstrating the significant incidence of pleural and peritoneal tumors associated with asbestos exposure and by the knowledge that the various neoplasms might follow exposure of limited duration and intensity, inadequate to result in significant asbestosis.

There have been effective advances in dust control techniques, accomplished by diligent, ingenious and expensive engineering. However, application of these procedures has been hampered by the rapid growth of asbestos utilization, sometimes under circumstances in which exposure has been obscure or unrecognized. Moreover, community and indirect occupational exposure may occur; the scope and importance of such "asbestos air pollution" are at present uncertain but their potential significance has attracted attention.

The foregoing sober inventory provided the stimulus and background for this Conference. The Scientific Council of the Academy considered that the interdisciplinary nature of the problem, involving such distinct fields as experimental pathology, applied physiology, oncology, epidemiology, and industrial hygiene could best be served by a broad conference of investigators in the biological sciences and those in allied fields.

In October 1963 visits were made by Dr. Selikoff on behalf of the Academy to several European centers to investigate the feasibility and potential scope of such a conference. In particular, British studies were reviewed with Dr. J. C. Gilson, Director of the Medical Research Council Pneumoconiosis Research Unit. The cooperation of Dr. H. Heilmann of the Division of Occupational Health of the United States Public Health Service facilitated a survey of current work in this country.

The Academy was fortunate in securing the advice of a Conference Committee which encompassed the major areas involved. Its members, themselves actively concerned with the problem, met January 6, 1964 in New York. The preliminary design of a meeting then formulated was refined during the succeeding months by the Committee with the assistance of active investigators in many parts of the world and by July, 1964 the Conference program was completed.

It is the hope of the Academy that this Conference will be a fertile one and will lead to decisive findings on this important problem.

July 17, 1964

Eunice Thomas Miner
Executive Director
The New York Academy of Science

ORGANIZING COMMITTEE

Irving J. Selikoff ✓	Cochairman; The Mount Sinai Hospital, New York, N. Y.
Jacob Churg ✓	Cochairman; The Mount Sinai Hospital, New York, N. Y.
W. Clark Cooper ✓	School of Public Health, University of California, Berkeley, Calif.
John C. Gilson ✓	Pneumoconiosis Research Unit, Medical Research Council, Penarth, Glamorgan, Wales
E. Cuyler Hammond ✓	American Cancer Society, New York, N. Y.
Thomas F. Mancuso ✓	Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pa.
E. Lynn Schall ✓	Occupational Health Program, New Jersey State Department of Health, Trenton, N. J.
William E. Smith ✓	Health Research Institute, Fairleigh Dickinson University, Madison, N. J.

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Conference Cochairmen:

I. J. Selikoff ✓

and

J. Churg ✓

The Mount Sinai Hospital
New York, N. Y.

PROGRAM

MONDAY, OCTOBER 19, 1964

Session Chairman: H. J. Magnuson

Institute of Industrial Health, University of Michigan

Ann Arbor, Mich.

9:00 A.M. -

Greetings from the Academy - Gabriel G. Nahas, Vice-Chairman, Section of Biological and Medical Sciences, The New York Academy of Sciences; College of Physicians and Surgeons, Columbia University, New York, N. Y.

Opening Remarks - I. J. Selikoff, The Mount Sinai Hospital, New York, N. Y.

ASBESTOS MATERIALS IN MODERN TECHNOLOGY

Session Cochairman: P. H. Riordon

Asbestos Corporation Limited

Thetford Mines, Quebec

"The Geology, Occurrences and Major Uses of Asbestos" - N. W. Hendry, Canadian Johns-Manville, Ltd., Asbestos, Quebec.

"Physical and Molecular Structure of Asbestos" - R. Gaze, The Cape Asbestos Company, Ltd. (Asbestos Research Council), London, England.

LIVING TISSUE AND MINERAL MATTER:
PROBLEMS OF PATHOGENESIS

Session Cochairman: I. Webster.

Pneumoconiosis Research Unit
Johannesburg, South Africa

PROBLEMS OF IDENTIFICATION OF ASBESTOS IN
HUMAN TISSUE: PANEL DISCUSSION

MODERATOR: P. Gross, Industrial Hygiene Foundation, Pittsburgh, Pa.

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"Identification by Fluorescent Dye Staining and Electronically Activated Oxygen Ashing" - C. Berkley and J. Churg, The Mount Sinai Hospital, New York, N. Y.

"Identification of the Several Varieties of Asbestos Fibers in Human Lung Tissue" - A. Vorwald, Wayne State University College of Medicine, Detroit, Mich.

"Dust Content and Composition in Lungs with Asbestosis" - G. Nagelschmidt, Safety in Mines Research Establishment, Sheffield, England.

EXPERIMENTAL ASBESTOSIS
PANEL DISCUSSION

MODERATOR: J. C. Wagner, Medical Research Council Pneumoconiosis Research Unit, Glamorgan, Wales.

"Asbestos Dust Deposition and Retention in Animals" - J. C. Wagner and J. W. Skidmore, M.R.C. Pneumoconiosis Research Unit, Glamorgan, Wales.

"Experimental Asbestosis with Three Types of Fibers: Importance of Particle Size" - J. Mills and P. F. Holt, (Asbestos Research Council), University of Reading, Reading, England.

"Electron Microscopic Studies of Asbestosis in Man and Animals" - J. M. G. Davies, (Asbestos Research Council), University of Cambridge, Cambridge, England.

"Rheumatoid Factor in Serum of Individuals Exposed to Asbestos" - B. Pernis and E. C. Virgili, University of Milan, Milan, Italy, and I. J. Selikoff, The Mount Sinai Hospital, New York, N. Y.

"Observations on the Pathogenesis of Asbestosis" - E. C. Virgili and B. Pernis, University of Milan, Milan, Italy.

12:30 P.M. -
Luncheon

Session Chairman: J. H. Stenier
Eastman Kodak Company
Rochester, N. Y.

HUMAN EXPOSURE TO ASBESTOS:
ASBESTOSIS IN INDUSTRIAL POPULATIONS

Session Cochairman: J. C. Gilson
M.R.C. Pneumoconiosis Research Unit
Glamorgan, Wales

2:00 P.M. -

"Asbestosis in the United Kingdom" - J. C. McVittie, Ministry of Pensions and National Insurance, London, England.

"Asbestosis Among Insulation Workers in the United States" - L. J. Seilkoff, J. Churg, and E. C. Hammond, The Mount Sinai Hospital, New York, N. Y.

"Mortality Rates Among Asbestos Products Workers in the United States" - P. Enterline, U. S. Public Health Service, Washington, D. C.

"Secular Changes in Asbestosis in an Asbestos Factory" - W. J. Smither, (Asbestosis Research Council), The Cape Asbestos Company, Ltd., London, England.

HUMAN EXPOSURE TO ASBESTOS: COMMUNITY STUDIES

Session Chairman: J. Higginson
University of Kansas School of Medicine
Kansas City, Kan.

"Occupational and Nonoccupational Exposure to Asbestos" - W. C. Hueper, National Cancer Institute, Bethesda, Md.

"Prevalence of Asbestos Bodies in Autopsy Cases" - J. C. Thomson, University of Cape Town, Cape Town, South Africa.

"Asbestosis: Geographical and Environmental Studies in South Africa" - G. K. Sluis Cremer, Pneumoconiosis Bureau, Johannesburg, South Africa.

"Pleural Plaques and Asbestos: Further Observations on Endemic and other Nonoccupational Asbestosis" - R. Kivimäki, Tampere Central Hospital, Tampere, Finland.

Session Chairman: J. H. Wolfstie
United States Rubber Company
New York, N. Y.

Session Cochairman: L. Cralley
U.S.P.H.S. Occupational Health Research and Training Facility
Cincinnati, Ohio

8:00 P.M. -

"Inhalation of Fibrous Dusts" - V. Timbrell, M.R.C. Pneumoconiosis Research Unit, Glamorgan, Wales.

"Comparison of Impinger and Membrane Filter Techniques for Evaluating Air Samples in Asbestos Plants" - H. E. Ayer, Division of Occupational Health, U. S. Public Health Service, Washington, D. C.

"Developments in Dust Sampling and Counting Techniques in the Asbestos Industry" - S. Holmes, (Asbestosis Research Council), Turner Brothers Asbestos Company, Ltd. Rochdale, England.

"Dust Measurements and Monitoring in the Asbestos Industry" - C. G. Addingley, (Asbestosis Research Council), British Bell and Asbestos, Ltd., Yorkshire, England.

"Measurement of Airborne Asbestos Dust by Instruments Measuring Different Parameters" - S. A. Roach, London School of Hygiene and Tropical Medicine, University of London, London, England.

Discussion opened by T. Hatch, University of Pittsburgh, Pittsburgh, Pa.

TUESDAY, OCTOBER 20, 1964

Session Chairman: Harriet L. Hardy
Massachusetts Institute of Technology
Cambridge, Mass.

DUST CONTROLS AND STANDARDS

9:00 A.M. -

"Present Threshold Limit Value in the U. S. A. for Asbestos Dust A Critique" - E. L. Schall, Occupational Health Program, New Jersey State Department of Health, Trenton, N. J.

"Economics of Dust Control" - D. W. Hills, (Asbestosis Research Council), Turner Brothers Asbestos Company, Ltd., Rochdale, England.

Session Cochairman: L. Silverman
School of Public Health, Harvard University
Boston, Mass.

PULMONARY ASBESTOSIS

"Radiological Classification of Pulmonary Asbestosis" - H. J. M. van der Vliet, Municipal Hospital, Lüdenscheid, Germany.

"Roentgenological Studies of Pleural Calcification in Asbestosis" - L. J. Seilkoff, The Mount Sinai Hospital, New York, N. Y.

"Differential Diagnosis in the Pathology of Asbestosis" - J. Gough, Welsh National School of Medicine, Cardiff, Wales.

"Roentgenological-Pathological Correlations in Pulmonary Asbestosis in the United Kingdom and South Africa" - K. F. W. Hinson, Brompton Hospital and J. C. McVittie, Ministry of Pensions and National Insurance, London, England; G. K. Sluis Cremer and C. F. Theron, Pneumoconiosis Bureau, Johannesburg, South Africa.

Discussion opened by P. Cartier, Thetford Industrial Clinic, Thetford Mines, Quebec, and I. Webster, Pneumoconiosis Research Unit Johannesburg, South Africa.

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PULMONARY FUNCTION IN ASBESTOSIS PANEL DISCUSSION

MODERATOR: G. L. Leathart, University of Newcastle, Newcastle, England.

"Pulmonary Function in Asbestosis: Serial Tests in Long Term Prospective Study" - M. Bader, R. Bader and A. Tierstein, The Mount Sinai Hospital, New York, N. Y.

"Routine Lung Function Studies of 830 Employees in an Asbestos Processing Factory" - R. Hunt, (Asbestosis Research Council), British Belting and Asbestos, Ltd., Yorkshire, England.

"The Discriminant Value of Pulmonary Function Tests in Asbestosis" - M. L. Thomson, W. J. Smither, Anne-Marie Pelzer and M. Hills, London School of Hygiene and Tropical Medicine, University of London, London, and The Cape Asbestos Company, Barking, Essex, England.

Discussion opened by J. L. Whittenberger, School of Public Health, Harvard University Boston, Mass.

12:30 P.M. -
Luncheon

Session Chairman: W. C. Cooper
School of Public Health, University of California
Berkeley, Calif.

ASBESTOS AND NEOPLASIA: EXPERIMENTAL

Session Cochairman: Katherine R. Boucot
Woman's Medical College of Pennsylvania
Philadelphia, Pa.

2:00 P.M. -

"Studies of Carcinogenesis of Asbestos Fibers and Their Natural Oils" - J. S. Harington and F. J. C. Roe, Chester Beatty Research Institute, Royal Cancer Hospital, London, England.

"Preparation of Asbestos Fibers for Experimental Use" - M. S. Badollet, Health Research Institute, Fairleigh Dickinson University, Madison, N. J., and W. A. Gault, Occupational Health Program, N. J. State Department of Health, Trenton, N. J.

"Tests for Carcinogenicity of Asbestos" - W. E. Smith and Lionas Miller, Health Research Institute, Fairleigh Dickinson University, Madison, N. J.

"Tests for Effect of Asbestos on Benzo (a) Pyrene Carcinogenesis

in the Respiratory Tract" - Lionas Miller and W. E. Smith, Fairleigh Dickinson University, Madison, N. J.
Discussion opened by J. C. Wagner, M.R.C. Pneumoconiosis Research Unit, Glamorgan, Wales.

ASBESTOS AND NEOPLASIA: EPIDEMIOLOGY

Session Cochairman: W. J. Smither
The Cape Asbestos Company, Ltd.
London, England

"Asbestosis and Bronchial Carcinoma" - T. A. Lloyd Davies and W. D. Buchanan, Ministry of Labour, London, England.

"Neoplasia Among Insulation Workers in the United States with Special Reference to Intra-abdominal Neoplasia" - E. C. Hammond and I. J. Selikoff, and J. Chung, The Mount Sinai Hospital, New York, N. Y.

"Cohort Analysis of Changes in Incidence of Bronchial Carcinoma in a Textile Asbestos Factory" - J. F. Knox, (Asbestosis Research Council), Turner Brothers Asbestos Company, Ltd., Rochdale, and R. S. Doll, M. R. C. Statistical Research Unit, London, England
"Pulmonary Neoplasia Among Dresden Asbestos Workers" - G. Jacob, Krankenhaus, Karl Marx Stadt, and M. Amspach, Institute of Occupational Health, Dresden, G.D.R.

"The Relationship of Exposure to Asbestos to Pleural Malignancy in Belfast" - P. C. Elmes and O. L. Wade, Queen's University Belfast, Northern Ireland.

"Association of Pulmonary Neoplasms with Asbestos Exposure in Northern Italy" - E. C. Vigliani, University of Milan, G. Motture University of Turin, and P. Maranzana, National Institute of Occupational Diseases, Lombardy, Italy.

Discussion opened by T. Mancuso, University of Pittsburgh, Pittsburgh, Pa., and G. W. H. Schepers, Institute of Industrial and Forensic Medicine, Washington, D. C.

6:00 P.M. -

Cocktail Hour - Academy Building, 2 East Sixty-third Street, New York, N. Y.

7:00 P.M. -

Informal Subscription Dinner - Academy Building
Keynote Address: J. C. Glison, Medical Research Council Pneumoconiosis Research Unit, Glamorgan, Wales.

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WEDNESDAY, OCTOBER 21, 1964

Session Chairman: H. L. Stewart
National Cancer Institute, Bethesda, Md.

9:00 A.M. -

"Epidemiology of Diffuse Mesothelial Tumors: Evidence of an Association from Studies in South Africa and the United Kingdom" - J. C. Wagner, M.R.C. Pneumoconiosis Research Unit, Glamorgan, Wales.

"Epidemiological Studies of Patients with Mesothelial Tumors in the London Area" - Muriel L. Newhouse, School of Hygiene and Tropical Medicine, University of London, London, England.

DIFFUSE MESOTHELIAL TUMORS PANEL DISCUSSION

MODERATOR: W. U. Gardner, Yale University School of Medicine, New Haven, Conn.

"Criteria for Diagnosis of Diffuse Mesothelial Tumors" - W. T. E. McCaughey, Queen's University, Belfast, Northern Ireland.

"Histological Characteristics of Mesothelioma Associated with Asbestos" - J. Churg, The Mount Sinai Hospital, New York, N. Y., S. Moolten, Middlesex General Hospital, New Brunswick, N. J., and S. Rosen, Armed Forces Institute of Pathology, Washington, D. C.

"Mesothelial Tumors in South Africa: Pathology and Experimental Pathology" - I. Webster, Pneumoconiosis Research Unit, Johannesburg, South Africa.

"A Biopsy Series of Mesotheliomata and Attempts to Identify Asbestos within Some of the Tumours" - D. O. B. Hourihane, London Hospital Medical School, London, England.

"Pleural Mesothelial Tumors and Exposure to Asbestos Dust" - W. Glynn Owen, Broadgreen Hospital, Liverpool, England.

Discussion opened by A. Purdy Stout, Columbia University College of Physicians and Surgeons, New York, N. Y.

12:30 P.M. -

Luncheon

Session Chairman: E. C. Vigliani
University of Milan, Milan, Italy

PROBLEMS AND PERSPECTIVES

2:00 P.M. -

"Trends in the Health of the Asbestos Worker" - K. W. Smith, Johns-Manville Corporation Manville, N. J.

"Sequelae of Asbestos Dust Exposure" - J. C. Wagner, M.R.C. Pneumoconiosis Research Unit, Glamorgan, Wales.

"Changing Hazards of Asbestos Dust Exposure" - J. C. Gilson, M.R.C. Pneumoconiosis Research Unit, Glamorgan, Wales.

"Multiple Factors in Relation to Neoplasia Among Asbestos Workers" - E. C. Hammond, The Mount Sinai Hospital, New York, N. Y.

PANEL DISCUSSION

Moderator: H. Hejmann
Division of Occupational Health
U. S. Public Health Service
Washington, D. C.

The Section of Biological and Medical Sciences provides references for active workers in the special fields of biology and medicine.

This conference may be attended by interested Members of the Academy, all physicians, research scientists, and science and medical students, as well as those invited to participate.

SECTION OF BIOLOGICAL AND MEDICAL SCIENCES

Preston L. Perlman
Chairman

Gabriel G. Nathas
Vice-Chairman

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JM - 83

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CORRESPONDENCE RE SELIKOFF 1964 LETTER

MS 005287

MT-004693

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✓ VFT
10/19/64

[Date]

Dr. Irving J. Selikoff

Dear Dr. Selikoff:

Our client, the Asbestos Textile Institute, has requested us to communicate to you the grave concern which all member companies share over the possibly misleading implications of recent articles carried in many local and national newspapers on your report and news conference concerning mesothelioma.

The linking together of asbestos and mesothelioma in a cause and effect relationship is clearly made in the article which appeared in The New York Times of October 7, 1964. But in addition to describing your comments on possible occupational hazards, that article also ascribes to you and to Dr. Hammond statements and inferences that go beyond the confines of the studies which you actually conducted:

"The worrisome features, Dr. Hammond and Dr. Selikoff said, is the evidence that asbestos, once taken into the body, stays there. Thus even a single heavy exposure

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MT-004694

could conceivably produce a cancer after a latent period of 20 years or more, they said.

"This idea, for which they said there is some experimental as well as epidemiological evidence could expand the risk from simply those occupationally exposed to virtually anyone who might only occasionally encounter asbestos dust."

Again, that article stated:

"The specialists who gave the report expressed worry that the danger might not be entirely restricted to a limited occupation group, but that it might be more general and possibly of considerable importance. There is no direct evidence to substantiate this, they said, but some of the available findings hint that this may be the case."

It is common knowledge that developments in the field of cancer and possible causative factors or possible preventative and curative measures are subjects of very great and vital public concern. It must be recognized, however, that only the most careful and dispassionate efforts in presenting the results of limited research

in this field to the public can avoid misinterpretation, oversimplification, and exaggeration. This is particularly true in discussing with members of the press such limited and tentative conclusions as those suggested by your studies.

Unfounded inferences and hints of danger, though sure of receiving wide distribution, contribute nothing to public understanding. Nor do they aid intelligent action by anyone, whether at the individual or group level or in private or public agencies. The health and welfare of workers in the asbestos and related industries, no less than the general public, in part of course rests upon wise, careful, and practical utilization of scientific knowledge. Innocent but unwise treatment of research data in public discussions or leaving it to laymen to appreciate the carefully phrased limitations and qualifications, can cause reactions that are not justified by the state of scientific knowledge.

The efforts by members of this association in their own scientific work and medical programs and in cooperation with studies by such groups as the Public Health Service amply demonstrate the willingness of this part of the asbestos industry to act responsibly

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and intelligently in matters involving the health and safety of its employees and the general public as well. These companies welcome all responsible efforts along these lines.

The Asbestos Textile Institute urges no restraint upon independent medical inquiry or research - indeed it earnestly desires expansion of existing knowledge in this field. Nor does this association seek in any way to discourage the right to discuss the results of such efforts. But it does urge caution in the discussion of these activities to avoid providing the basis for possibly damaging and misleading news stories. The right to study and to discuss these subjects is clear, of course. But the gravity of the subject matter and the consequences implicatedly involved impose upon any who exercise those rights a very high degree of responsibility for their actions.

Sincerely,

CADWALADER, WICKERSHAM & TAFT

MS 005291

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N.Y.T. 10/7/64

ATI-126

A RARE CARCINOMA BELIEVED ON RISE

Study of Asbestos Workers Shows a High Incidence

By HAROLD M. SCHMECK, Jr.

Occupational exposure to asbestos may be making an extremely rare form of cancer much more common, according to a report yesterday to the annual meeting of the American Public Health Association.

The cancer is called mesothelioma. It affects the inner lining of the abdomen or of the chest and, in either case, it is fatal. In the general population it is extremely rare, but studies in Africa, where asbestos is mined, and more recent studies of construction workers exposed to asbestos dust in the New York City area show it to be far more common among those exposed occupationally.

The specialists who gave the report expressed worry that the danger might not be entirely restricted to a limited occupation group, but that it might be more general and possibly of considerable importance. There is no direct evidence to substantiate this, they said, but some of the available findings hint that this may be the case.

The report was given by Dr. Irving J. Selikoff and Dr. Jacob Churg of Mount Sinai Hospital and Dr. E. Cuyler Hammond,



The New York Times
Dr. E. Cuyler Hammond

director of statistical research for the American Cancer Society.

Mesothelioma is so rare in the general population that it is not separately coded among causes of death. Yet a study four years ago in an African asbestos mining region found 33 cases, the report said.

Heavy exposure to asbestos dust has in the past been linked with some increased risk of lung cancer, Dr. Selikoff and Dr. Hammond said at a news conference before their talk, but the mesothelioma is another matter.

The group pursued the question by studies in the United States. One of these was a study of deaths among members of two New York area locals of a construction trade union whose members dealt with asbestos insulation. Of a total of 307 deaths occurring in this fairly restricted group over 20 years—1943 to 1964—10 were found to be caused by mesothelioma.

The report called this "an extraordinarily high incidence for a tumor generally so rare." In contrast, they current high study by the American Cancer Society on the effects of environmental factors on health showed that among 31,652 deaths in the general population only three were due to mesothelioma.

A further study of many case of mesothelioma collected over a long period by the Armed Forces Institute of Pathology showed that one-fourth of those specimens that could be tested had evidence of the presence of asbestos.

The worrisome feature, Dr. Hammond and Dr. Selikoff said, is the evidence that asbestos, once taken into the body, stays there. Thus even a single heavy exposure could conceivably produce a cancer after a latent period of 20 years or more, they said.

This idea, for which they said there is some experimental as well as epidemiological evidence could expand the risk from simply those occupationally exposed to virtually anyone who might only occasionally encounter asbestos dust.

The severity of exposure necessary to produce such a serious effect is not known, the two physicians said.

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10/19/64

[Handwritten signature]

October 19, 1964

Mr. William S. Hough
 Johns-Manville Corporation
 22 East 40th Street
 New York 16, New York

Dear Bill:

I am enclosing a copy of a draft letter to
 Dr. Selikoff which I have also sent to Staton Peele.
 If you have any comments, I would appreciate hearing
 from you.

Best regards.

Sincerely,

George D. Reycraft

GDR/mrc
 Enclosure

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*10/19/64 Change: Graham
Lead Septile
Graham*

October 19, 1964

Mr. Staton J. Peele, Jr.
United States Rubber Company
Textile Administrative Center
P.O. Box 357
Winnsboro, South Carolina

Dear Staton:

In accordance with our conversation of last week, I am enclosing a draft of a letter to Dr. Selikoff. I am also sending a copy to Bill Hough and will await any comments either of you have to make.

Best regards.

Sincerely,

George D. Reycraft

GDR/mrc
Enclosure

MS 005294

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MT-004700

JOHNS-MANVILLE

SALES CORPORATION

PACKINGS AND FRICTION MATERIALS DIVISION

22 E. 40th STREET • NEW YORK 16, N. Y. • TELEPHONE: LEXINGTON 2-7600 • AREA CODE 212



October 20, 1964

Mr. George D. Reycraft
Cadwalader, Wickersham & Taft
14 Wall Street
New York 5, New York

Dear George:

Your suggested letter to Dr. I.J. Selikoff in connection with the very outspoken publicity on Asbestosis is very much to the point, well phrased, and in my opinion as a member of the Board of Governors of the A.T.I. your letter should be released at once.

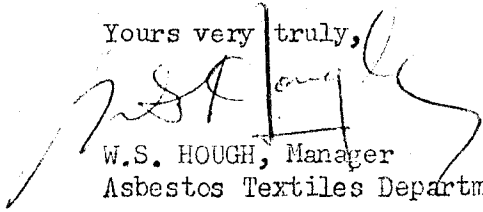
This is particularly significant at this time in view of the very damaging press releases that we obtained on October 19th while attending the Waldorf Astoria meeting on Biological Effects of Asbestos. Whether or not these releases will be printed remains to be seen as there was considerable objection raised during the meeting.

Your letter is so well phrased that we think in addition to addressing this letter to Dr. Selikoff that a copy of the letter should also be sent to Eunice Thomas Miner, Executive Director, The New York Academy of Sciences, Two E. 63rd St. N.Y.

Our reasoning in back of making this suggestion is that we have no assurance that Dr. Selikoff will be governed by suggestions of being more factual in his press releases inasmuch as the current conference at the Waldorf is under the sponsorship of the New York Academy of Sciences. At least they should know first hand that there is objection to what has taken place so far.

Thank you for your cooperation in this entire matter.

Yours very truly,


W.S. HOUGH, Manager
Asbestos Textiles Department

WSH/rm
cc: Staton J. Peele
J.A. Brown, Jr.
E.H. Wells
E.A. Schuman
Dr. K.W. Smith

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The New York Academy of Sciences
2 East 63rd Street
New York, New York
TEmpleton 8-0230
Mr. Samuel Burger, Director of Public Relations

^A
ATI-126

FOR RELEASE: October 20, 1964

edit

HIGH INCIDENCE OF CANCER DEATHS
FOUND IN ASBESTOS WORKERS; ASBESTOS
IN ENVIRONMENT ALSO THREATENS CITY DWELLERS

New York City, October 19, 1964. A growing number of reports on the occurrence of asbestosis—a serious disease of the lungs due to the inhalation of asbestos dust—and asbestos cancer, reflect the harmful effects of exposure to asbestos dust, Dr. W. C. Hueper (National Cancer Institute, Bethesda, Md.) told a Conference on Biological Effects of Asbestos. The three-day Conference, sponsored by The New York Academy of Sciences, began today at The Waldorf Astoria.

"The enormous rise in production and industrial use of asbestos during the past 50 years has resulted in markedly widened exposure to asbestos dust for a greatly increased number and variety of workers," said Dr. Hueper.

Dr. I. J. Selikoff and co-workers (The Mount Sinai Hospital, New York City) told the Conference about a study of 1522 asbestos insulation workers in the New York-New Jersey Metropolitan area. Of the 307 who had died during the past 20 years, 20 per cent had cancer of the lung, probably a complication of asbestosis. Another 20 per cent died of cancer elsewhere in the body which may have resulted from exposure to asbestos. About five to six per cent died of asbestosis. Only a little more than half—55 per cent—died of all other causes.

X-ray examination of the lungs of 1,117 of the surviving asbestos insulation workers revealed that many of them had asbestosis. Of those who first began to work with asbestos 40 or more years ago, 94 per cent gave X-ray evidence of asbestosis. Of those whose first exposure to asbestos

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began less than 10 years ago, 10 per cent gave definite X-ray evidence of asbestosis. Dr. Selikoff concluded that the health and lives of asbestos insulation workers are greatly endangered by their occupation.

From England comes a report by Dr. W. J. Smither (Asbestos Research Council) about 71 asbestos workers who have died since 1957. All were employed by a factory in London which has been manufacturing asbestos products for 50 years. The mean age at death of these 71 workers was 57 years. Although tuberculosis was present much less frequently than among those who died before 1957, there was a definite increase in the occurrence of lung cancer. And the relatively high number of cancers starting in the pleura and peritoneum—the membranes lining the chest and abdominal cavities and covering the organs within these cavities—surprised those engaged in the study.

Dr. R. Kiviluoto (Tampere Central Hospital, Finland) told the Conference about calcified plaques found in the pleura of several hundred persons, living in the vicinity of two Finnish asbestos mines, but not employed in the mining industry. Other X-ray evidence of asbestosis was not found in most of them. The plaques, once thought not to have serious clinical significance, are characteristic of early changes found in the pleura of asbestos workers. These people have what is now called endemic asbestosis, unrecognized before 1960. Dr. Kiviluoto pointed out that, because asbestos dust is indestructible and insoluble, even a brief exposure may result in severe lung damage many years later.

The urban dweller is now inhaling more asbestos dust, said Dr. J. G. Thomson (Medical School, Cape Town, Africa). This is due to increasing consumption and diversity of uses of asbestos in cities and to its virtual indestructibility, he said. Dr. Thomson told about the search that was made for "asbestos bodies" in the lungs of 500 deceased persons over 15 years of age in Cape Town, South Africa, and 500 in Miami, Florida. (Asbestos bodies

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are asbestos fibers coated with an iron-containing substance.) The results were similar in the two groups. Asbestos bodies were present in no less than 30 per cent of the males and 20 per cent of the females, he said.

An increase in the occurrence of cancer of the pleura and peritoneum, in urban dwellers was forecast by Dr. Thomson as a result of this new form of air pollution. Such cancers can occur when there is only a small concentration of asbestos fibers in the lower part of the lung, he said.

Investigators engaged in experimental asbestosis research told the Conference of their findings. New ways to detect the "invisible" asbestos fibers in tissues were described by Dr. C. Berkley and co-workers (Mount Sinai Hospital, New York City). Localization of the fibers by electronic ashing has proven highly satisfactory, they said.

Dr. J. Mills (Reading University, England) said that in guinea pigs, finely divided particles of asbestos seem to be more active in the production of lung fibrosis than the larger particles which produce asbestos bodies. In spite of the fact that the experimental animals were exposed to asbestos dust in sealed chambers, small amounts of dust gained access to the animal room and many untreated guinea pigs developed interstitial pneumonia, he said.

The most important commercial varieties of asbestos are chrysotile, crocidolite and amosite. Chrysotile, or white asbestos—a silicate containing magnesium—comes from serpentine rock and occurs as tubular fibers and sheets. Crocidolite, or blue asbestos—a silicate of sodium and iron—comes from banded ironstone rock and occurs as solid fibers. Amosite, fawn-colored—a silicate of magnesium and iron—also occurs in banded ironstone as solid fibers. The greatest use of asbestos, both chrysotile and crocidolite, is in the manufacture of asbestos cement products. These products, manufactured in most countries of the world, consist of pipes, flat and corrugated sheets, shingles, and others. The second largest use of asbestos is in the manufacture of asphalt and vinyl asbestos floor tile.

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314

10/21/64 Asbestos Textile Division

October 21, 1964

Mr. J. A. Brown, Jr.
Raybestos-Manhattan, Inc.
Textile Division
Manheim, Pennsylvania

Dear Jack:

I am enclosing a copy of a draft letter to Dr. Selikoff which I have also sent to the other Members of the Board of Governors. If you have any negative comments, I would appreciate your telephoning my office by Friday, October 23, and in my absence convey your suggestions to Mr. P. Jay Flocken.

Best regards.

Sincerely,

George D. Reycraft

GDR/mrc
Enclosure

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11/1/64 *Sebastien* *Heard* *State & Title*

October 21, 1964

Mr. T. C. McCluskey
Tallman-McCluskey Fabrics Co.
236 Monroe
St. Louis 22, Missouri

Dear Mr. McCluskey:

I am enclosing a copy of a draft letter to Dr. Selikoff which I have also sent to the other Members of the Board of Governors. If you have any negative comments, I would appreciate your telephoning my office by Friday, October 23, and in my absence convey your suggestions to Mr. P. Jay Flocken.

Best regards.

Sincerely,

George D. Reyecraft

GDR/mrc
Enclosure

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			Date	Spec. Del.	Yes	

October 21, 1964

Mr. J. L. Rainey
 American Asbestos Textile Corp.
 Stanbridge & Terigere Street
 Norristown, Pennsylvania

Dear Mr. Rainey:

I am enclosing a copy of a draft letter to Dr. Selikoff which I have also sent to the other Members of the Board of Governors. If you have any negative comments, I would appreciate your telephoning my office by Friday, October 23, 1964, and in my absence convey your suggestions to Mr. P. Jay Flocken.

Best regards.

Sincerely,

George D. Reycraft

GDR/mrc
 Enclosure

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October 21, 1964

Mr. J. T. Griffis
H. K. Porter Company, Inc.
Porter Building
Pittsburgh 19, Pennsylvania

Dear Mr. Griffis:

I am enclosing a copy of a draft letter to Dr. Selikoff which I have also sent to the other Members of the Board of Governors. If you have any negative comments, I would appreciate your telephoning my office by Friday, October 23, and in my absence convey your suggestions to Mr. P. Jay Flocken.

Best regards.

Sincerely,

George D. Reycraft

GDR/mrc
Enclosure

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MT-004708

The New York Academy of Sciences

2 East 63rd Street

New York, New York

TEmpleton 8-0230

Mr. Samuel Burger, Director of Public Relations

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ATI-126

FOR RELEASE: October 21, 1964

WJH
**ASBESTOS LINKED TO SEVERAL MALIGNANCIES;
MAY PAVE WAY FOR CIGARETTE-INDUCED CANCER**

New York City, October 20, 1964. In England, Wales and Scotland over 50 per cent of males recently deceased and known to have had asbestosis also had cancer within the chest cavity, Dr. W. B. Buchanan told the Conference on Biological Effects of Asbestos, sponsored by The New York Academy of Sciences. Today's meeting, the second of the three-day Conference was held at The Waldorf-Astoria.

Dr. Buchanan (Ministry of Labor, London, England) based his statement on an analysis of all the death certificates on which the presence of asbestosis is recorded from the three countries. Up to the end of 1963, 584 such death certificates have been received, he said, and the annual number of them is increasing. A relationship between asbestosis and cancer within the chest was suspected as long ago as 1947, and there now seems to be little doubt that such a connection is real and meaningful, he said.

Two German physicians, Drs. G. Jacob and M. Amspach, who studied such cases, noted that there were two kinds of cancers. Some of the cancers were bronchogenic--that is, they began in the lining of the branches of the wind-pipe which carry air into the lung. Other cancers were mesotheliomas, which start in the pleura--the membrane which lines the chest cavity and covers the lungs. They also found some mesotheliomas which began in the peritoneum--the membrane which lines the abdominal cavity and covers the organs within. Drs. Jacob and Amspach said that there was a relatively high incidence of pleural mesotheliomas among people who live in the vicinity of the Dresden asbestos works.

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Dr. E. C. Hammond and co-workers (Mt. Sinai Hospital, New York City) were surprised to find a high incidence (20 per cent) of cancer of the stomach and intestinal tract in 307 deceased insulation workers in the New York-New Jersey Metropolitan area. They believe that in many of these cases, the cancer did not arise from the cells that line the inside of the gastrointestinal tract, but from the cells of the peritoneum. Such cancers were quite probably, therefore, mesotheliomas connected in some way with exposure to asbestos.

In Ireland, Drs. P. C. Elmes and O. L. Wade (Queen's University, Belfast, Ireland) studied 42 proved cases of pleural mesothelioma, and found that in 32 of these cases there was a positive history of exposure to asbestos. Asbestos bodies—asbestos fibers surrounded by an iron-containing substance—were found in the lungs of 88 per cent of these patients. These findings are further evidence that asbestos plays a role in pleural mesotheliomas.

In the laboratory, Drs. W. E. Smith and L. Miller (Fairleigh Dickinson University, Madison, N.J.) found large tumors in the chest cavities of hamsters—possibly mesotheliomas—after a single injection of asbestos into the cavities. They reported that the kinds of asbestos which stimulated tumor production were harsh chrysotile—white asbestos—and amosite—fawn-colored asbestos. Both are silicates of magnesium. Amosite also contains iron.

The same researchers said they had been unable to produce bronchogenic cancer in hamsters by introducing the same two kinds of asbestos into the lungs via the air passages. But, when either chrysotile or amosite were introduced into the air passages with a cancer-producing substance occurring in tobacco smoke, cancers occurred in twice as many animals as when the cancer-producing agent was introduced alone. Therefore, the

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laboratory tests confirm the epidemiological evidence that asbestos can cause malignant mesotheliomas and may enhance the cancer-producing activity of chemicals known to produce bronchogenic cancer. Other laboratory researchers reported that they are now trying to find out if it is the asbestos itself or something associated with it which stimulates cancer formation.

Because those workmen who acquire asbestosis are entitled to compensation, definite standards already exist which measure the severity of incapacitation. Such standards are based on information obtained from chest X-rays, physical examination, and tests of lung function.

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October 22, 1964

Mr. E. A. Schuman
Treasurer, Asbestos Textile Institute
Johns-Manville Sales Corporation
22 East 40th Street
New York 16, New York

Dear Mr. Schuman:

I am enclosing a copy of a draft letter to Dr. Selikoff which I have also sent to the Members of the Board of Governors for their approval. If you have any negative comments, I would appreciate your telephoning my office at your earliest convenience.

Sincerely,

George D. Reyecraft

GDR/mrc
Enclosure

MS 005306

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MT-004712

The New York Academy of Sciences
2 East 63rd Street
New York, New York
TEmpleton 8-0230
Mr. Samuel Burger, Director of Public Relations

FOR RELEASE: October 22, 1964

SCIENTISTS CITE GROWING ASBESTOS HAZARDS;
ASK FOR SAFETY MEASURES AND FURTHER STUDY

2847
New York City, October 21, 1964. The increasing occurrence of cancer among asbestos workers is, ironically, a reflection of their improved working conditions and longer life span, scientists were told today at an international Conference on Biological Effects of Asbestos. The Conference is sponsored by The New York Academy of Sciences. Today's meeting at The Waldorf-Astoria brings the three-day meeting to a close.

In the early days of the industry, said Dr. J. C. Gilson (M.R.C. Pheunoconiosis Research Unit, Glamorgan, Wales), men working for only a few years in an asbestos-laden atmosphere developed asbestosis—excessive scarring of the lungs due to inhalation of the asbestos particles. Often these men died prematurely because of the complications of asbestosis—pneumonia or tuberculosis, he said.

When factory conditions were altered so that pneumonia and tuberculosis were no longer such a problem, Dr. Gilson continued, the late effects of asbestosis were commonly encountered, including severe bronchial conditions and enlargement of the heart.

More recently, said Dr. Gilson, those workers with only moderate degrees of asbestosis have survived long enough to develop cancers originating in the bronchial passages.

Now, quite unexpectedly, malignant tumors arising from the linings of the chest and abdominal cavities—mesotheliomas—are occurring in workers who have had only slight exposure to asbestos 40 or more years previously. Mesotheliomas due to asbestos are also being found among people who live near

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asbestos mines and factories, and among city dwellers whose environment is contaminated by asbestos used in insulation and elsewhere.

Dr. Gilson pointed out that it is important to find out which kinds of asbestos fibers do the least harm within the body, so that the safer varieties of fibers may be more commonly used in the future.

The geographical location of the asbestos deposit is an important factor contributing to its capacity to cause disease, Dr. K. W. Smith (Johns-Manville Corporation, Manville, N.J.) asserted. Chrome, nickel or radioactivity are associated with some deposits, he said. These contaminants are known to be cancer-producing in their own right.

Dr. J. C. Wagner (Pneumoconiosis Research Unit, Glamorgan, Wales) told the Conference that it is not known exactly how asbestos causes disease. Nor is it known how the asbestos fibers migrate in the body. He said that pleural mesotheliomas—malignant tumors arising from the lining of the chest cavity—have occurred in animals following the injection of chrysotile, crocidolite, and amosite—the major varieties of asbestos. Pleural mesotheliomas have also been the result of injections of silica, which occurs naturally in sand and quartz. Asbestos also contains silica.

Other investigators from England, Ireland and South Africa described the nature of the mesothelioma in detail. They presented clear-cut evidence to prove that asbestos, or something associated with it, does indeed cause these malignant tumors in man and animal. In man, known exposure to asbestos and the presence of asbestos fibers in tumors and lungs are significant.

The New York Academy of Sciences, which is host to many thousands of scientists at the more than 20 major international scientific conferences it sponsors annually, recently announced plans to construct a \$25 million World Science Center in the heart of New York City.

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The Academy, whose 18,000 member-scientists represent all 50 states and 88 foreign countries; hopes to complete the World Science Center by 1967, in time to celebrate 150 years of service to the world scientific community. Support for the project is being sought from individuals, foundations, and government agencies here and abroad.

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United States Rubber Company

350 COLUMBIA ROAD
WINNSBORO, S. C. 29180TEXTILE DIVISION
ADMINISTRATIVE CENTER

October 23, 1964

Mr. George D. Reycraft
Cadwalader, Wickersham & Taft
14 Wall Street
New York 5, New York

Dear George:

We acknowledge receipt of your letter of October 19th with a draft of the letter you propose to send to Dr. Selikoff and also confirm our telegram to you today advising that U. S. Rubber Company votes for forwarding the letter to Dr. Selikoff.

I think the letter is wonderfully worded and expresses exactly the position and the wishes of the Institute.

I have discussed the contents of your letter with our Industrial Relations Manager, Plant Manager and Divisional Production Manager and we all feel that it expresses our wishes exactly.

I understand that Jack Brown has communicated with you and suggested that the letter be sent upon receipt of a majority vote of the membership of the Institute.

Since Jack Brown took office at the time of our last meeting, I am sure that you will want to communicate with him directly on matters regarding the Institute. I do, however, wish to personally thank you for the splendid cooperation you afforded us during my tenure of office and I know that Jack can expect the same fine cooperation during his term of office.

Best regards.

Yours very truly,

Staton J. Peele, Jr.

SJP:pi

CC: Mr. J. A. Brown

MS 005310

PRODUCED
JM - 83

MT-004716

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

TELEGRAM

W. P. MARSHALL, PRESIDENT

1201 (4-60)

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at (44) destination

SSB022 NBC166 AC091 =

A CMB069 PD 2 EXTRA WUX WINNSBORO MILLS SOCAR 23 1120A

EST =

GEORGE D REYCRAFT, CADWALADER, WICKERSHAM AND TAFT

14 WALL ST NYK =

1964 OCT 23 PM 1 14

U S RUBBER VOTES FOR SENDING LETTER TO SELIKOFF

COMMUNICATION FOLLOWS =

S J PEELE JR U S RUBBER CO WINNSBORO SC =

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

MS 005311

PRODUCED
JM - 83

MT-004717

ATI-126

W & T	Delivered by	Mailed at	How Mailed	Mailed by
	Time	Wall St. Sta. ☐	Ordinary ☐	
	Receipt No.	Bldg. Box ☐	Registered ☐	Postage
	Date	Time ☐ M	Air Mail ☐	Enclosure ☐
		Date	Spec. Del. ☐	Yes ☐

314

19/64 File: Asbestos Textile Institute

PRODUCED
JM - 83

October 26, 1964

Mr. Eunice Thomas Miner
Executive Director
The New York Academy of Sciences
Two E. 63rd Street
New York, New York

Dear Mr. Miner:

Our client, the Asbestos Textile Institute, has requested us to communicate to you the grave concern which all member companies share over the possibly misleading implications of recent articles carried in many local and national newspapers on your report and news conference concerning mesothelioma.

The linking together of asbestos and mesothelioma in a cause and effect relationship is clearly made in the article which appeared in The New York Times of October 7, 1964. But in addition to describing the comments on possible occupational hazards, that article also ascribes to Dr. Selikoff and to Dr. Hammond statements and inferences that go beyond the confines of the studies which Dr. Selikoff actually conducted:

"The worrisome feature, Dr. Hammond and Dr. Selikoff said, is the evidence that asbestos, once taken into the body, stays there. Thus even a single heavy exposure could conceivably produce a cancer after a latent period of 20 years or more, they said.

MS 005312

PRODUCED
JM - 83

MT-004718

PRODUCED**ATI-126**

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			Date		Spec. Del.	☐	Yes	☐	

Mr. Eunice Thomas Miner

-2-

October 26, 1964

"This idea, for which they said there is some experimental as well as epidemiological evidence could expand the risk from simply those occupationally exposed to virtually anyone who might only occasionally encounter asbestos dust."

Again, that article stated:

"The specialists who gave the report expressed worry that the danger might not be entirely restricted to a limited occupation group, but that it might be more general and possibly of considerable importance. There is no direct evidence to substantiate this, they said, but some of the available findings hint that this may be the case."

It is common knowledge that developments in the field of cancer and possible causative factors or possible preventative and curative measures are subjects of very great and vital public concern. It must be recognized, however, that only the most careful and dispassionate efforts in presenting the results of limited research in this field to the public can avoid misinterpretation, oversimplification, and exaggeration. This is particularly true in discussing with members of the press such limited and tentative conclusions as those suggested by your studies.

Unfounded inferences and hints of danger, though sure of receiving wide distribution, contribute nothing to public understanding. Nor do they aid intelligent action by anyone, whether at the individual or group level or in private or public agencies. The health and welfare of workers in the asbestos and related industries, no less than the general public, in part of course rests upon wise, careful, and practical utilization of scientific knowledge. Innocent but unwise treatment of research data in public discussions or leaving it to laymen to appreciate the carefully phrased limitations and qualifications, can cause reactions that are not justified by the state of scientific knowledge.

MS 005313

PRODUCED
JM - 83

MT-004719

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			Date		Spec. Del.	☐	Yes	☐

Mr. Eunice Thomas Miner

-3-

October 26, 1964

83 - JM
PRODUCED

The efforts by members of this association in their own scientific work and medical programs and in co-operation with studies by such groups as the Public Health Service amply demonstrate the willingness of this part of the asbestos industry to act responsibly and intelligently in matters involving the health and safety of its employees and the general public as well. These companies welcome all responsible efforts along these lines.

The Asbestos Textile Institute urges no restraint upon independent medical inquiry or research - indeed it earnestly desires expansion of existing knowledge in this field. Nor does this association seek in any way to discourage the right to discuss the results of such efforts. But it does urge caution in the discussion of these activities to avoid providing the basis for possibly damaging and misleading news stories. The right to study and to discuss these subjects is clear, of course. But the gravity of the subject matter and the consequences implicatedly involved impose upon any who exercise those rights a very high degree of responsibility for their actions.

Sincerely,

CADWALADER, WICKERSHAM &
TAFT

GDR/mrc

MS 005314

PRODUCED
JM - 83

THE NEW YORK ACADEMY OF SCIENCES **ATI-126**

J. JOSEPH LYNCH, S. J., *President*
 EMERSON DAY, *President-elect*
 J. J. BURNS, *Vice-President*
 JACOB FELD, *Vice-President*
 ROSS F. NIGRELLI, *Corresponding Secretary*
 ANDRÉS FERRARI, *Recording Secretary*

COUNCILORS

JOHN S. LAUGHLIN
 HARRY EAGLE
 L. WILLIAM MAX
 RHODES W. FAIRBRIDGE
 ALBERT S. GORDON
 MINORU TSUTSUI

PAST-PRESIDENTS

JAMES B. ALLISON
 CHARLES W. MUSHETT

EUNICE THOMAS MINER
Executive Director



2 EAST SIXTY-THIRD STREET
 NEW YORK, N. Y. 10021
 CABLE ADDRESS: NYACSCI

SECTION CHAIRMEN

LOUIS G. WEEKS, *Geological Sciences*
 PRESTON L. PERLMAN, *Biological and Medical Sciences*
 GEORGE deSTEVENS, *Chemical Sciences*
 MALVIN H. KALOS, *Physical Sciences*
 HAROLD L. STOLOV, *Planetary Sciences*

DIVISION CHAIRMEN

JEROME BRIGGS, *Anthropology*
 CARL BERKLEY, *Instrumentation*
 H. CHRISTINE REILLY, *Microbiology*
 JOSEPH F. KUBIS, *Psychology*
 PAUL GREENGARD, *Biochemistry*
 ROSALYN YALOW, *Biophysics*
 I. B. LASKOWITZ, *Engineering*
 JULES P. RUSSELL, *Mathematics*
 MINORU TSUTSUI, *Organometallic Chemistry*

October 27, 1964

Mr. George D. Reycraft
 Cadwalader, Wickersham & Taft
 14 Wall Street
 New York 5, New York

Dear Mr. Reycraft:

The article which appeared in The New York Times, October 7, 1964, and from which you quote at length, appears to have been based on a paper delivered by Dr. Selikoff on October 6, at a meeting of the American Public Health Association. It was not based, as your letter incorrectly suggests, on the Academy Conference on "Biological Effects of Asbestos," which took place on October 19, 20, and 21, 1964. Obviously, the Academy cannot be held responsible for statements allegedly made at a meeting it did not sponsor.

It is, in any case, difficult to comprehend why your client should address a cautionary note to this organization, which serves only as a forum for members of the scientific community. If your client has the sense that Dr. Selikoff was not accurately reported, he would seem better advised to address his remarks to The New York Times. As to the contention that Drs. Selikoff and Hammond have extrapolated too freely from their data, this seems to us a question which lies entirely in the province of experts in this area.

The Academy's own policy with regards to the press is quite straightforward. Our conferences are open to all responsible segments of the press, and no attempt is made to impose any censorship whatever upon either the participants or the news media. We must respectfully reject any inference that it is ever in the public interest to withhold research data from the press on the basis that "carefully phrased limitations and qualifications" may still not prevent the layman from drawing unwarranted conclusions. It is clearly impossible to protect oneself against every conceivable misinterpretation without lapsing into complete silence. This it is decidedly not our intention to do.

Sincerely,

Eunice Thomas Miner

Eunice Thomas Miner
 Executive Director

ETM/eec

PRODUCED
JM - 83

MS 005315

MT-004721

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10/30/64
sealed

October 30, 1964

Mr. H. E. Sunbury, Secretary
Asbestos Textile Institute
P.O. Box 239
75 Center Street
Pompton Lakes, New Jersey 07442

Dear Herb:

This is in reply to your letters of October 27, 1964 and October 29, 1964 enclosing the Minutes of the Board of Governors Meeting and the General Meeting. I have reviewed the Minutes and have no suggestions to make. I personally have no preference between the two versions of paragraph #4 which you have proposed, although in general I am inclined to include the more complete version. I am enclosing a memorandum on the Civil Rights Act which summarizes the remarks I made. I hope this is adequate for your purpose.

Also enclosed is a copy of a letter which I received from the New York Academy of Sciences indicating that they were not entirely receptive to our letter to them. We have not heard from Dr. Selikoff as of this moment. I am sending copies of this letter to each of the Directors of the Institute. I suggest that you may want to include a copy of our letter to Dr. Selikoff as an attachment to the Minutes as a follow-up to the decision reached by the Directors.

Best regards.

Sincerely,

MS 005316

PRODUCED
JM - 83

GDR/mrc

George D. Reyecraft

MT-004722

ATI-126 FILE No.

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			Date		Spec. Del.	☐	Yes ☐

October 30, 1964

Mr. William S. Hough
 Johns-Manville Corporation
 22 East 40th Street
 New York 16, New York

Dear Bill:

I am enclosing a copy of a letter received from the Executive Director of The New York Academy of Sciences in reply to our letter concerning the statements issued by Dr. Selikoff. While it is obvious that our remarks were not entirely welcomed by The New York Academy of Sciences, I think they nevertheless have had some of the intended effect. We have not heard from Dr. Selikoff and if we do, I will promptly send you a copy of his reply.

Best regards.

Sincerely,

George D. Reyecraft

GDR/mrc
 Enclosure

MS 005317

PRODUCED
 IN 83

MT-004723

ATI-126

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	Date		Time	M	Air Mail	☐	Enclosure	
			Date		Spec. Del.	☐	Yes	☐

October 30, 1964

Mr. E. A. Schuman
 Treasurer, Asbestos Textile Institute
 Johns-Manville Sales Corporation
 22 East 40th Street
 New York 16, New York

Dear Mr. Schuman:

I am enclosing a copy of a letter received from the Executive Director of The New York Academy of Sciences in reply to our letter concerning the statements issued by Dr. Selikoff. While it is obvious that our remarks were not entirely welcomed by The New York Academy of Sciences, I think they nevertheless have had some of the intended effect. We have not heard from Dr. Selikoff and if we do, I will promptly send you a copy of his letter.

Sincerely,

George D. Reyecraft

GDR/mrc
 Enclosure

MS 005318

PRODUCED
 JM - 83

MT-004724

ATI-126

FILE No.

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						Postage
						Enclosure
						Yes ☐

October 30, 1964

Mr. J. T. Griffis
H. K. Porter Company, Inc.
Porter Building
Pittsburgh 19, Pennsylvania

Dear Mr. Griffis:

I am enclosing a copy of a letter received from the Executive Director of The New York Academy of Sciences in reply to our letter concerning the statements issued by Dr. Selikoff. While it is obvious that our remarks were not entirely welcomed by The New York Academy of Sciences, I think they nevertheless have had some of the intended effect. We have not heard from Dr. Selikoff and if we do, I will promptly send you a copy of his letter.

Sincerely,

George D. Reycraft

GDR/mrc
Enclosure

MS 005319

PRODUCED
JM - 83

MT-004725

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	Date		Time M	Air Mail ☐	Enclosure	
			Date	Spec. Del. ☐	Yes ☐	

October 30, 1964

Mr. T. C. McCluskey
Tallman-McCluskey Fabrics Co.
236 East Monroe
St. Louis 22, Missouri

Dear Mr. McCluskey:

I am enclosing a copy of a letter received from the Executive Director of The New York Academy of Sciences in reply to our letter concerning the statements issued by Dr. Selikoff. While it is obvious that our remarks were not entirely welcomed by The New York Academy of Sciences, I think they nevertheless have had some of the intended effect. We have not heard from Dr. Selikoff and if we do, I will promptly send you a copy of his reply.

Sincerely,

George D. Reyecraft

GDR/mrc
Enclosure

MS 005320

PRODUCED
JM - 83

MT-004726

ATI-126

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	Date		Time	M	Air Mail	☐	Enclosure	
			Date		Spec. Del.	☐	Yes	☐

October 30, 1964

Mr. J. L. Rainey
 American Asbestos Textile Corp.
 Stanbridge & Terigere Streets
 Norristown, Pennsylvania

Dear Mr. Rainey:

I am enclosing a copy of a letter received from the Executive Director of The New York Academy of Sciences in reply to our letter concerning the statements issued by Dr. Selikoff. While it is obvious that our remarks were not entirely welcomed by The New York Academy of Sciences, I think they nevertheless have had some of the intended effect. We have not heard from Dr. Selikoff and if we do, I will promptly send you a copy of his reply.

Sincerely,

George D. Rey craft

GDR/mrc
 Enclosure

MS 005321

PRODUCED
 JM - 83

MT-004727

ATI-126 LE No.

F W & T	Delivered by		Mailed at		How Mailed		Mailed by	
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	Receipt No.		Bldg. Box	☐	Registered	☐	Postage	
	Date		Time	M	Air Mail	☐	Enclosure	
			Date		Spec. Del.	☐	Yes	☐

October 30, 1964

Mr. Staton J. Peele, Jr.
 United States Rubber Company
 Textile Administrative Center
 P.O. Box 357
 Winnsboro, South Carolina

Dear Staton:

I am enclosing a copy of a letter received from the Executive Director of The New York Academy of Sciences in reply to our letter concerning the statements issued by Dr. Selikoff. While it is obvious that our remarks were not entirely welcomed by The New York Academy of Sciences, I think they nevertheless have had some of the intended effect. We have not heard from Dr. Selikoff and if we do, I will promptly send you a copy of his reply.

Best regards.

Sincerely,

George D. Reycraft

GDR/mrc
 Enclosure

MS 005322

PRODUCED
 JM - 83

MT-004728

ATI-126 FILE No.

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	Receipt No.	Bldg. Box ☐	Registered ☐	Postage
	Date	Time ☐ M	Air Mail ☐	Enclosure
		Date	Spec. Del. ☐	Yes ☐

October 30, 1964

Mr. J. A. Brown, Jr.
 Raybestos-Manhattan Inc.
 Textile Division
 Manheim, Pennsylvania

Dear Jack:

I am enclosing a copy of a letter received from the Executive Director of The New York Academy of Sciences in reply to our letter concerning the statements issued by Dr. Selikoff. While it is obvious that our remarks were not entirely welcomed by The New York Academy of Sciences, I think they nevertheless have had some of the intended effect. We have not heard from Dr. Selikoff and if we do, I will promptly send you a copy of his reply.

Best regards.

Sincerely,

George D. Reyecraft

GDR/mrc
 Enclosure

MS 005323

PRODUCED
 JM - 83

MT-004729

RAYBESTOS-MANHATTAN, INC.

ATI-126

ASBESTOS TEXTILE DIVISION

Manheim, Pa. 17545



2 November 1964

Cadwalader, Wickersham & Taft
14 Wall Street
New York 5, N. Y.

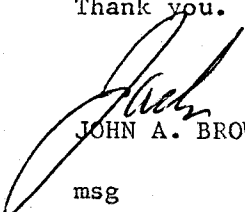
Attention: Mr. George D. Reycraft

Dear George:

I am in receipt of your letter of 30 October 1964 from the New York Academy of Sciences, and I agree that your letter had the intended effect.

Would you kindly send me a copy of the actual letter which was sent to the New York Academy of Sciences, and also Dr. Selinkof. We would like a copy for our files as well as for distribution to the Board of Governors.

Thank you.



JOHN A. BROWN, JR. - SALES MANAGER

msg

MS 005324

ALL PRICES ARE SUBJECT TO CHANGE IN RESPECT OF DUTIES, EXCISE TAXES OR OTHER CHARGES, HEREAFTER IMPOSED BY ANY FEDERAL, STATE OR MUNICIPAL AUTHORITY, OR BECAUSE OF INCREASES IN COST OF MANUFACTURE, PROCESSING OR SALES, RESULTING FROM OPERATIONS OF ANY FEDERAL, STATE OR MUNICIPAL LAW, OR REGULATION, OR MEASURE HEREAFTER ADOPTED

PRODUCED
IM - 83

MT-004730



ASBESTOS TEXTILE INSTITUTE

P. O. BOX 239

75 CENTER ST., POMPTON LAKES, N. J. 07442

U. S. A.

Phone: 839-2216

Area code 201

6 November 1964

Mr. George Reycraft
Cadwalader, Wickersham & Taft
14 Wall Street
New York 5, N. Y.

Dear Mr. Reycraft:

I am attaching three copies of news releases A, B and C which were supposed to have been released to the press during the conference on the Biological Effects of Asbestos at the Waldorf Astoria several weeks ago.

Fortunately, due to the alertness of Mr. Edward Schuman of J/M and Mr. Robert Cryor of North American Asbestos Company, these releases were discovered before their release, and the resultant objections that arose in the meeting, because of the sensationalism of the material, held up their issuance.

It is my opinion that this whole situation should be discussed at the next Board of Governor's meeting but for my part I do not believe that any further steps should be taken at this time.

I also feel that this subject should not be brought to the attention of others than management of our several companies, as any general discussion on this situation by sales personnel with users of our products, could possibly aggravate the situation and result in individual opinions which could be damaging.

I feel that Mr. Reycraft's letter accomplished, for the time being, the fact that we, as an Industry, protest any irresponsible statements being made to the press.

I would welcome, and appreciate, an expression from the members of the Board of Governors regarding this very critical matter.

Very truly yours,

JOHN A. BROWN, JR. - PRESIDENT
sag

att.

MS 005325

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JM - 83

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5-001

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			Date	Spec. Del. ☐	Yes ☐	

11/6/64

Asbestos Textile Division

November 6, 1964

Mr. John A. Brown, Jr.
Sales Manager
Raybestos-Manhattan, Inc.
Asbestos Textile Division
Manheim, Pennsylvania

Dear Mr. Brown:

Thank you for your letter of November 2, 1964.
Since Mr. Reycraft is away from his office for a few days, I am enclosing a copy of the letter which was sent to The New York Academy of Sciences and to Dr. Irving Selikoff.

Sincerely,

Margaret R. Cassidy
Secy. to Mr. G.D. Reycraft

/mrc
Enc. (2)

MS 005326

PRODUCED
1M - 83

MT-004732

ABESTOS TEXTILE INSTITUTE
Report of Funds

January 9, 1964

Balance on Hand in Various Funds as of September 16, 1963

General Fund	\$10102.08	
Savings Account Fund	7250.21	
Petty Cash Fund	<u>41.89</u>	
		\$17394.18

Receipts

Handbook and Test Manual sales	32.84	
Sale of Lab. Equipment	95.00	
Assessments	<u>2137.88</u>	
Total to General Fund		\$2265.72
To Savings Acct Fund (Interest to 12/30)	135.86	
To Petty Cash Fund (Transfer from General F.)	<u>97.52</u>	
Total Receipts		<u>2499.10</u>
		\$19893.28

Disbursements (From General Fund)

Watch for Dr. Shaw	98.28	
Auditing Expense (Caruso)	300.00	
Exhibit Expense (Freight)	197.18	
Telephone	83.56	
Fidelity Bond (3 yrs)	62.50	
October Meeting Expense	668.90	
Employer's Liability Ins. (3 yrs)	34.68	
Office Rent (4 months)	166.64	
Secretary Salary (4 months)	400.00	
Printing	30.00	
Typewriter Repairs	32.35	
Transfer to Petty Cash Fund	97.52	
P.C. Vouchers (25-54 incl.)	<u>128.64</u>	
Total Disbursements		<u>2300.25</u>

Balance on Hand as of January 9, 1964

\$ 17593.03

Funds

General Fund	\$10196.19	
Savings Account Fund	7386.07	
Petty Cash Fund	<u>10.77</u>	

\$ 17593.03

Assets

Cash in Bank (Checking Account)	\$10196.19	
Cash in Bank (Savings Account)	7386.07	
Petty Cash on Hand	10.77	
Postage on Hand	1.20	
Accounts Receivable (1964 dues)	9250.00	
Furniture & Equipment (Nominal Val.)	<u>1.00</u>	

\$26845.23

Liabilities

Net Worth

\$26845.23

H. E. Sunbury
Asst. Treasurer

MS 005327

PRODUCED
JM - 83

MT-004733