

ASBESTOS TEXTILE INSTITUTE MINUTES

1967

MS 005466

**PRODUCED
JM - 83**

MT-004872



*ASBESTOS
TEXTILE
INSTITUTE*

—FOUNDED 1944—

GENERAL MEETING

PRODUCED
JM - 83

MS 005467

MT-004873

ASBESTOS TEXTILE INSTITUTE

President ----- J.L. Rainey
 Vice President ---- E.A. Schuman
 Treasurer ----- N.L.A. Martucci
 Exec. Sec'y ----- H.E. Sunbury
 Legal Counsel ----- P.Jay Flocken

BOARD OF GOVERNORS

J.L. Rainey, Chairman
 J.A. Brown, Jr., J.A. Gallagher, J.L. Mitchell
 S.J. Peele, Jr., E.A. Schuman, G.P. Wiess

AIR HYGIENE & MFG. COMMITTEE

W.C. Atkinson, Chairman
 A.C. Link, Ted D. McCluskey, K.W. Nelson
 C.L. Sheckler, R.B. Smith, H.E. Walter
 L.C. Williams

TECHNICAL COMMITTEE

J.D. McCluer, Chairman
 D.T. Austin, Jr., K.Q. Beyard, J.W. Hawkins
 G.E. Houghton, Wm. Maaskant, E.A. Morris
 D.F. Quealy

SALES PROMOTION COMMITTEE

W.S. Hough, Chairman
 J.A. Brown, Jr., J.W. Christenbury, J.L. Mitchell
 N.L.A. Martucci, S.J. Peele, Jr., J.L. Rainey
 E.A. Schuman, M.Q. Scowcroft

FIBER TESTING COMMITTEE

J.P. Wronski, Chairman
 I. Barnett, G.F.A. Brink, D.E. Childers
 R. Dodds-Hebron, E.A. Farrell, J.W. Hawkins
 B. Lincoln, T.T. Tigert, L.C. Williams

FIBER COMMITTEE

M.P. Carson, J.D. Christian, N.W. Hendry
 M.J. Messel, W.W. Oughtred, F.P. Smith
 Wm. J.W. Smith

MS 005468

PRODUCED
 JM - 83

MT-004874

R O S T E R

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

* * * *

AMERICAN ASBESTOS TEXTILE CORP.
Norristown, Pa.

GARLOCK INC.

Palmyra, New York

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

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

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, Québec, Canada

SOCIETE ANONYME FRANCAISE DU FERODO
Paris, France

TURNER BROTHERS ASBESTOS CO., LTD.
Rochdale, England

MS 005469

PRODUCED
JM - 83

MT-004875

ASBESTOS TEXTILE INSTITUTE

GENERAL MEETING

CHERRY HILL INN, Cherry Hill, N.J.

Meeting Schedule

Wednesday, February 8, 1967

Registration

Social Hour - 6:00 to 7:00 P.M.

Thursday, February 9, 1967

Air Hygiene & Mfg. Committee
9:30 A.M. to 5:00 P.M.

Technical Committee
9:30 A.M. to 5:00 P.M.

Fiber Testing Committee
9:30 A.M. to 5:00 P.M.

Sales Promotion Committee
9:30 A.M. to 3:00 P.M.

Board of Governors - 3:30 P.M.

Social Hour - 6:00 to 7:00 P.M.

Friday, February 10, 1967

GENERAL MEETING - 9:30 A.M.

Cocktails - 12:00 Noon

Luncheon - 12:30 P.M.

Adjournment

MS 005470

PRODUCED
JM - 83

MT-004876

ASBESTOS TEXTILE INSTITUTE

GENERAL MEETING

February 10, 1967

Agenda

Call to Order - 9:30 A.M. - J.L. Rainey
President

Introductions

Minutes of the last meeting

Financial Report - N.L.A. Martucci, Treas.

Legal Counsel Report - P.Jay Flocken

Fibre Producers Report - Wm.J.W. Smith
Bell Asbestos Mines Ltd.

Technical Paper - "The Use of Asbestos
Textiles in Industrial Products" by
G.Ellwood Houghton, Garlock Inc.

Committee Reports

Air Hygiene & Mfg. - W.C. Atkinson, Chm.

Sales Promotion - W.S. Hough, Chm.

Technical - J.D. McCluer, Chm.

Fiber Testing - J.P. Wronski, Chm.

Old Business

New Business

Cocktails - 12:00 noon, Luncheon - 12:30pm

Adjournment

MS 005471

PRODUCED
JM - 83

MT-004877

Minutes
GENERAL MEETING
Asbestos Textile Institute
February 10, 1967
The Cherry Hill Inn, Cherry Hill, N.J.

In Attendance:

AMERICAN ASBESTOS TEXTILE CORP.
J.L. Rainey

GARLOCK INC.
N.L.A. Martucci
G.E. Houghton
W.A. Garrison

JOHNS-MANVILLE CORPORATION
W.S. Hough
E.A. Schuman
W.C. Atkinson
I. Barnett
W.C. Streib
C.L. Sheckler
W.M. MacAlpine

H.K. PORTER COMPANY, INC.
J.D. McCluer
D.E. Childers

RAYBESTOS-MANHATTAN, INC.
J.A. Brown, Jr.
J.A. Bettes, Jr.
M.Q. Scowcroft
L.C. Williams
J.P. Wronski

CADWALADER, WICKERSHAM & TAFT
T.J. Flocken (Legal Counsel)

ASBESTOS CORPORATION LIMITED
M.P. Carson
G.F.A. Brink
E.L. Alexander
P.E. Leclerc

BELL ASBESTOS MINES LIMITED
Wm.J.W. Smith
R. Dodds-Hebron

CASSIAR ASBESTOS CORP. LTD.
T.T. Tigert

TURNER BROS. ASBESTOS CO. LTD.
W.M. Deckman

TALLMAN-MCCLUSKEY FABRICS CO.
J.L. Mitchell
Ted D. McCluskey

UNITED STATES RUBBER COMPANY
S.J. Peele, Jr.
D.T. Austin, Jr.
E.A. Morris
G.C. Holroyd

ASBESTOS TEXTILE INSTITUTE
H.E. Sunbury (Secretary)

Guests: Mr. Charles Hoffman, Belmont Packing & Rubber Company,
Phila., Pa.

***** Minutes *****

1. President J.L. Rainey called the meeting to order at 9:45 A.M. and asked each person to stand and identify himself and his company affiliation.
2. The minutes of the last meeting were presented for reading. Mr. Brown moved reading be omitted. Seconded by Mr. Peele. So voted.
3. The Financial Report was presented by Treasurer N.L.A. Martucci. Mr. Brown moved that report be accepted. Seconded by Mr. Hough. So voted. The report is made a part of these minutes.

5. Mr. T. J. Smith, Bell Asbestos Mines Limited, presented the report on behalf of the Asbestos Fibre producers. He stated that the year 1966 had been a fairly good year as shipments were up about 9% over the prior year. For 1967 there is some difference of opinion as some think that demand may be "soft" in some areas of the world market. Sales in U.S.A. may drop (shorter fibres) to reflect lower automobile sales, but this is not necessarily true for textile spinning grades. France and Germany may move up in their consumption of various grades of fibre. Mr. Smith digressed briefly to mention Expo 67 which is scheduled to open on April 28th. Believes that it will be sensational in all respects - a cultural tone will be stressed in the exhibits. Said that the asbestos producers would have an exhibit.

6. President Rainey mentioned that Mr. E.L. Alexander of Asbestos Corporation Limited was to be in charge of that company's new mine known as "Asbestos Hill" some 1200 miles due north of Thetford Mines, and asked Mr. Alexander to tell us something about it. "Ed" said he was thrilled with his new assignment but didn't know too much about it as yet. There is no railroad, and all transportation is by plane or boat (in season). He expressed regret that he would not be able to attend ATI meetings regularly because of the new position.

7. Mr. G. Ellwood Houghton, of Garlock Inc., was the main speaker. His subject: "The Use of Asbestos Textiles in Industrial Products", was of great interest to the members present, and we are pleased to have had the opportunity to hear his presentation. Mr. Houghton had assembled a fine collection of samples, and these were used to illustrate his talk.*

8. The committee reports were given by the respective chairmen as listed below. The full text of their reports is attached to these minutes.

Sales Promotion Committee - W.S. Hough, Chairman

This was Mr. Hough's final report as Chairman as he will not be an active member of ATI after this month, due to his resignation from Johns-Manville Corporation. At the conclusion of his report, President Rainey presented Mr. Hough with a leather-covered copy of the new (3rd) Edition of our "Handbook of Asbestos Textiles" in appreciation of the fine work that Mr. Hough did in rushing this to completion with the cooperation of his committee. Mr. Hough responded with appropriate remarks.

Air Hygiene & Efg. Committee - Mr. W.C. Atkinson, Chairman

Technical Committee - Mr. J.D. McCluer, Chairman

Fiber Testing Committee - Mr. J.F. Wronski, Chairman

MS 005473

* Outline attached.

PRODUCED
JM - 83

9. President Rainey made special mention of the fact that our old friend Jack Bettes was present at this meeting. Mr. & Mrs. Bettes are planning to leave in a month or so on a trip to Europe, and the best wishes of our members for a pleasant trip will go with them.

10. President Rainey paid tribute to his predecessor, saying: "On behalf of the members of the A.T.I., I would like to express our gratitude to Jack Brown, who served so capably as our president for the last two years, and I feel that he deserves a great hand." The applause was loud and prolonged!

11. President Rainey announced that the next regular meeting of the Institute would be held on June 8th and 9th (arrival June 7th). The location desired is Montreal, Canada. HOWEVER WE HAVE NOT AS YET BEEN ASSURED OF ACCOMMODATIONS THERE. We are continuing our efforts to get suitable hotel or other accommodations, and will advise the members as soon as we have anything definite on this (Note: See addendum to these minutes.)

12. In respect to our October 1967 meeting we have a firm commitment to hold this at the William Hilton Inn, Hilton Head Island, South Carolina. This seashore resort is highly recommended by members who have stayed there, and it should appeal equally well to both members and their wives. Hilton Head Island is located about 40 miles from Savannah, Georgia, and is a beautiful and historic spot! Members are urged to bring their wives, and help to make our Annual Meeting next October the biggest and best ever. The dates are October 5-6th, 1967 (arrival Wednesday, October 4th).

13. At this point in the meeting, President Rainey presented Mr. W.S. Hough with a beautiful plaque on behalf of the Board of Governors and the members of the Institute in appreciation of his valued service to the Institute over a period of many years. Mr. Hough, visibly moved by presentation of the plaque, expressed his deep appreciation.

14. There being no further business to come before the meeting it was duly adjourned. A luncheon followed the meeting.

Respectfully submitted,

H.E. Sunbury
H.E. Sunbury
Secretary

MS 005474

Addendum:

Subsequent to this meeting we received confirmation of our request for accommodations in Montreal. Headquarters will be the Lucerne Motel Annex, 4950 Sherbrooke St., East, Montreal, P.Q., Canada. As instructed in our circular letter to members dated March 15, 1967, reservation requests should be sent directly to Mr. Les Agres, Mgr., Lucerne Motel Annex, specifying date of arrival and departure. Check for one night's lodging (\$23.50 per room plus 6% tax) must accompany the request. Prompt action in making reservation requests is necessary due to anticipated shortage of rooms. Remember the dates - June 8th and 9th, with arrival on June 7th!

PRODUCED
JM - 83

H.E.S.

MT-004880

About the Speaker:

G. Ellwood Houghton, Product Engineer, has been associated with GARLOCK INC., since 1939.

For twenty years he was Superintendent of the Asbestos Textile Department prior to his promotion in 1959 to Product Engineer in Research and Development and Manufacturing Engineering Departments.

Mr. Houghton has been awarded three product patents and has two additional patents pending. He has also contributed in a major way to machine innovations for new products and product improvements.

Following his graduation from Philadelphia Textile School in 1927, he joined Johns-Manville Corporation, serving in several line and staff production operations for twelve years.

Now in his fortieth year of continuous association with the asbestos textile industry, Mr. Houghton has a background of experience that is most impressive, and we are privileged indeed to have this opportunity to hear him discuss "The Use of Asbestos Textiles in Industrial Products".

MS 005475

PRODUCED
JM - 83

MT-004881

ASBESTOS TEXTILE INSTITUTE

Report of FundsMay 8, 1967Balance on Hand at Last Report, January 10, 1967

General Fund	\$ 447.64
Savings Fund	19304.74
Petty Cash Fund	<u>80.37</u>

\$ 19832.75

Receipts

To Savings Fund (Interest - 4 mos.)	285.00 (Est.)
To General Fund (Book Sales)	127.80
To General Fund (Handbook Acct.)	6327.72
To General Fund (1967 Dues)	<u>8750.00</u>

15490.52Total On Hand and Received\$ 35323.27Disbursements

Legal Retainer (3 mos ending 2/28/67)	500.00
Legal Expense (" " ")	25.80
Secretary's salary (4 mos)	478.00
F.I.C.A. Tax (1st Qtr. 1967)	31.50
Secretary's travel	130.20
Office rent (4 mos.)	300.00
Exhibit expense	40.24
Handbook expense (3rd Edition)	7051.98
Printing & office supplies	112.01
Stenographic expense	100.00
Meeting expense (February 1967)	803.99
Telephone (4 mos.)	155.24
Petty Cash vouchers (289-309 incl.)	<u>75.44</u>

9804.40Balance On Hand as of May 8, 1967\$ 25518.87Funds

General Fund (Bank Statement-May 8, 1967)	5924.20
Savings Fund	19589.74 (*)
Petty Cash Fund	<u>4.93</u>

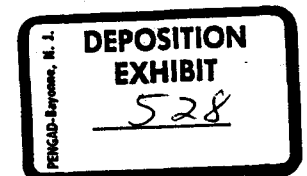
Total Funds\$ 25518.87Assets as of May 8, 1967

General Fund	\$ 5924.20
Savings Fund	19589.74
Petty Cash on Hand	4.93
Accts. Receivable (Book Sales)	48.31
" " (Dues for 1967)	500.00
" " (Handbook Acct.)	3218.01
Postage on Hand	4.50
Furniture & Equipment (Nominal Value)	<u>1.00</u>

Total Assets\$ 29290.69Liabilities (None)Net Worth\$ 29290.69

(*) Includes \$285.00 interest estimated for period 1/1/67-4/30/67

H.E. Sunbury, Asst. Treasurer

**PRODUCED****JM - 83**

- PAID 5/31/67



ASBESTOS TEXTILE INSTITUTE

P. O. BOX 239

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

U. S. A.

Phone: 839-2216

Area code 201

November 19, 1966

Mrs. W.E. Clark
6250 N.E. 19th Avenue
Imperial Point
Fort Lauderdale, Fla. 33308

Dear Mrs. Clark:

At their most recent meeting, the Board of Governors of the Institute voted the following resolution:

Resolved:- " The Board of Governors of the Asbestos Textile Institute, having learned of the death of William E. Clark, hereby instruct the Secretary to convey to Mrs. Clark and other members of his family, their very deep sympathy."

Bill Clark was a most loyal and enthusiastic supporter of the Institute for many years, and the great warmth of his personality, as well as his valued advice and counsel, will be sorely missed by our members.

Most sincerely,

Herbert E. Sunbury
Herbert E. Sunbury
Executive Secretary

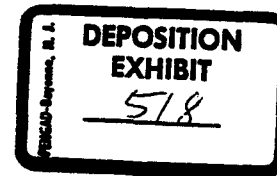
A card of appreciation for this letter has been received from Mrs. Clark.

MS 005477

MT-004883

Minutes:

SALES PROMOTION COMMITTEE
ASBESTOS TEXTILE INSTITUTE
FEBRUARY 10, 1967
AT CHERRY HILL INN - N.J.



The ATI Textile display is at Alfred University but we are hopeful it can be moved to Stevens Institute in Hoboken, N.J. soon. Mr. Sunbury is currently sending out a publicity letter to additional colleges and universities offering them the exhibit.

Several additional situations concerning extremely low priced Japanese made Asbestos Textiles have been reported. Both poor and good quality textiles have been noted. Prices range from .42/# to approx. .74/# dependent on grade. One order in the 25,000 lb. category was reported. It is the opinion of the committee, it is unrealistic to expect any governmental relief on foreign competition of this type.

The committee wishes to record in the minutes of this meeting the publication of the 3rd Edition of the Handbook of Asbestos Textiles.

Much favorable reaction has been received as to the revisions made and the general appearance and character of the book. The printer, we felt, did a fine printing job at a very favorable price. Mr. Howard Bain has been thanked and paid for his excellent work as editor.

The Sales Promotion Committee took affirmative action to initiate a program of planned publicity in promoting the sale of Asbestos Textiles on a broad industry basis. A special committee approved by the President will meet with several sales promotion organizations to acquaint them with our needs and have them prepare proposals for presentation at the next ATI meeting.

The committee has not at this stage asked for Board of Governors' approval inasmuch as no costs have been established. We were unanimous in opinion, however, that the cost of a well thought out program can be justified.

A discussion took place as to the need for a broad industry study of combinations of asbestos and the newer synthetic fibres to impart special qualities to fabric. In addition, the study will include chemical treatments of various types of yarns and woven textiles to improve the usefulness of the asbestos textile.

It is recognized there is a growing tendency towards this need for gaining greater acceptance for asbestos textiles.

Respectfully submitted,

W.S. Hough
Chairman

PRODUCED
JM - 83

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

Attending

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

Visitors: Dr. Lewis J. Cralley
J. Scherer
W. Streib

MS 005479

Environmental Health Survey

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

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

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

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

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

1. What is the nature and pattern of disease in workers exposed to the different forms of asbestos fibers and how do they relate to the magnitude and duration of exposure?
2. How are the diseases and other manifestations observed in workers exposed to asbestiform fibers characterized clinically and pathologically, and do they differ when exposure involves one form of asbestos or another?

PRODUCED
JM - 83

MT-004885

51

Minutes of Meeting - February 9, 1967

- 2 -

3. What are the factors involved in the pathogenics of the diseases associated with the inhalation of asbestos minerals and what are the primary etiologic factors involved?
4. What chemical and physical characteristics of asbestos fibers relate to their respirability, mobility, clearance and immobilization in the body and how do the types of asbestos differ in these respects?
5. How can asbestos fibers in vivo and vitro be differentiated as to type and how can they be distinguished from non-asbestos fibers?
6. What levels of exposure to the etiologic agents associated with asbestos-related diseases can be regarded as safe?
7. How can exposures be prevented?
8. What environmental and medical surveillance procedures are recommended where asbestos fibers are encountered or handled?

GENERAL DISCUSSIONS

Rubber Aprons for Cards

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

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

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

Oilless Bearings for Cards

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

Operating Standards

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

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

PRODUCED
JM - 83

MS 005480

52

MT-004886

Minutes of Meeting - February 9, 1967

- 3 -

Pamphlet - "Method of Determining Asbestos Dust Concentration"

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

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

Balance on Hand 762 copies

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

Respectfully submitted,

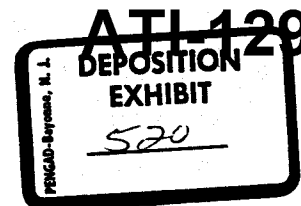
W.C. Atkinson, Chairman

MS 005481

PRODUCED
JM - 83

MT-004887

MINUTES: Asbestos Textile Institute
Technical Committee Report
February 9, 1967



The meeting was held at the Cherry Hill Inn, Cherry Hill, New Jersey

IN ATTENDANCE: Irvin Barnett - Johns-Manville Corporation
G. E. Houghton - Garlock, Inc.
D. T. Austin - U. S. Rubber Company
Edward A. Morris - U. S. Rubber Company
Walter M. Deckman - Turner Brothers Asbestos Company
William Maaskant - American Asbestos Textile Corporation
J. D. McCluer - H. K. Porter Company, Inc.
Herbert E. Sunbury - Asbestos Textile Institute

SUBJECTS DISCUSSED:

Revision of ASTM Specifications

Since the October meeting, the Committee met for an intermediate two day meeting December 15th. and 16th., at ASTM Headquarters, Philadelphia, Pennsylvania. On Thursday, the 15th., the Committee revised and set up the 7th. Draft of D 1918. This 7th. Draft represented a great deal of thought and effort on the part of the Committee. In setting up this draft, consideration was given to all of Dr. Scroggie's recommendations, both editorially and in the equations. The equations were revised under a new concept designed to overcome the objections previously offered by Dr. Scroggie's committee. Copies of this draft were mailed to all members including Paul Nicodemus and six copies were sent to Dr. Scroggie with the request that we obtain a response from his committee prior to the February meeting. Due to the short time interval a full committee report was not received, but a very constructive critical report was received from Dr. Scroggie indicating that the draft was in pretty good shape.

On Friday, December 16th., at this same meeting, the committee gave the same careful consideration to D 299 and set up the 3rd. Draft. Copies of this draft were sent to all members and a copy to Dr. Scroggie with the request that we receive his personal comments prior to the February meeting since there was not enough time for his full committee report.

A response was received from Dr. Scroggie on this 3rd. Draft of D 299 with many constructive criticisms indicating that considerable work would be yet required by the committee.

Meeting of the Technical Committee December 15th. and 16th., 1966 at ASTM Headquarters, Philadelphia, Pennsylvania

IN ATTENDANCE: J. W. Hawkins - Raybestos-Manhattan, Inc.
William Maaskant - American Asbestos Company
Irvin Barnett - Johns-Manville Corporation
G. E. Houghton - Garlock, Inc.
Edward A. Morris - U. S. Rubber Company
D. T. Austin - U. S. Rubber Company
J. D. McCluer - H. K. Porter Company, Inc.
Herbert E. Sunbury - Asbestos Textile Institute
Paul Smith - ASTM

MS 005482

PRODUCED
JM - 83

MINUTES: TECHNICAL COMMITTEE

At the present meeting on Thursday, February 9th., D 1918 was again revised under 8th. Draft. This draft consisted very largely in using the recommendation given by Dr. Scroggie in his above mentioned report.

D 299 was revised under the 4th. Draft. This was a difficult revision to make in view of the many changes and suggestions offered by Dr. Scroggie.

Decision was made by the committee to send twenty-five copies of D 1918 to Paul Nicodemus for letter ballot in D-13 Subcommittee A-4 and six copies to Dr. Scroggie for his Sc6 Editorial Committee.

Decision was made to circulate the 4th. Draft of D 299 to members only for comments.

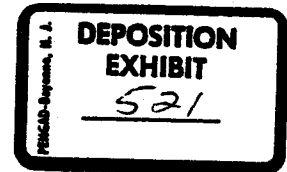
The committee decided to have an intermediate meeting on May 11th. and 12th. at ASTM Headquarters in Philadelphia pending reservation of a meeting room at that time. This meeting will be for possibly finalizing D 299 and starting on D 375 Roving.

The committee briefly discussed Magnetic Rating. George Harris met with the committee briefly and the subject was discussed under the following headings:

- 1) Is there a requirement for asbestos textiles with an Magnetic Rating lower than 0.75 M. R.?
- 2) If so, is there a satisfactory method for measuring Magnetic Rating in that low range?
- 3) If it develops that there is such a requirement, there has been a proposal originating from A-4 Committee that a joint meeting be held between representatives from A.T.I., ASTM, (D-30 and D-13 Committees), QAMA, BuShip, and others to discuss the subject.
- 4) A proposal was made that a Round Robin test be made between member companies who have the Turner Magnetic Analyzer.

J. D. McCluer
Chairman of the Technical Committee

PRODUCED
JM - 83



Minutes: ASBESTOS TEXTILE INSTITUTE
FIBER TESTING COMMITTEE
February 8-10, 1967
Cherry Hill Inn,
Cherry Hill, N. J.

Attending:

G.F.A.Brink
D.E.Childers
R.Dodds-Hebron
C.E.Stiefken
W.C.Streib
T.T.Tigert
J.Wronski

Asbestos Corp., Ltd.
H.K.Porter, Inc.
Bell Asbestos Mines, Ltd.
Lake Asbestos of Quebec, Ltd.
Johns-Manville Corp.
Cassiar Asbestos Corp., Ltd.
Raybestos-Manhattan, Inc.

Subjects Discussed

1. Mr. Dewey Childers briefly described his attempts at establishing a procedure to measure the spicule content of milled textile grade fibers. Difficulties were encountered with the mechanism designed to do the job and the project was dropped. Mr. Childers distributed drawings of the mechanism to members of the committee.
2. Mr. Streib reviewed the results of tests in his laboratory designed to measure the coefficient of friction between asbestos fibers. The project was dropped when it was found that the procedure would not discriminate between fiber grades. He plans to write a report on this work and has kindly offered to make copies available to members of the committee.
3. Mr. Wronski reported that little was accomplished at the October 1966 ASTM D-13 meeting of Sc. A-4 on the revision of D-1118 (Magnetic Rating) except that a task force was appointed to write a revision.

Mr. Wronski also reported a telephone call from Mr. Paul Nicodemus of G.E., Chairman of Sc. A-4, offering to sponsor a meeting at which he (Mr. Nicodemus) and interested A.T.I. members could discuss a wide range of topics relating to the magnetite content of asbestos fibers. The committee decided that such a meeting at this time would be premature and that basic data on currently used methods of measuring magnetite content should be obtained before taking any further action. Consequently it was agreed that a round robin test would be set-up to measure the extent of variation that exists between and within various laboratories in tests for measuring the magnetite content of fibers. Mr. Streib and Mr. Wronski will be responsible for designing the round robin test program and for analyzing the results. Mr. Dodds-Hebron has agreed to plan and direct the distribution of samples to be used in the program.

Respectfully submitted,

J. Wronski

PRODUCED
JM - 83

Outline of Talk given at

ASBESTOS TEXTILE INSTITUTE General Meeting
February 10, 1967
Cherry Hill Inn, Cherry Hill, N.J.

" THE USE OF ASBESTOS TEXTILES IN INDUSTRIAL PRODUCTS "

BY

G. Ellwood Houghton, Product Engineer

GARLOCK, Inc., Palmyra, N.Y.

MS 005485

"From a rock it comes and to a rock it will return, and I don't want no rocks on my piston rods.!" - this was the reply given by a practical engineer many years ago when approached to try asbestos packing on his steam engine. Progress has been made since that time. With the many men here today who have been closely associated with manufacture and sales of asbestos textiles, much of what is said may be very familiar, but a review of the subject may be of interest.

There are many qualities in the wonderful mineral, asbestos, that make it ideally adaptable to a multitude of products and uses. No attempt will be made to cover the full subject, but only to highlight its use. The fact that asbestos is composed of extremely fine filaments makes it a flexible rock which can be treated as a textile fiber and can be carded, spun, twisted and woven. The fineness of filament and its ability to hold lubricants, makes it a good bearing and packing material. Its resistance to decomposition in air in temperatures as high as 1000 degrees "F", and at still higher levels when confined, make possible applications as shields against convection and radiant heat, acts as a friction material, and helps seal in both gaskets and pressure packings.

Asbestos, being a "salt" of metals and silicon, has its demand for oxygen fully satisfied, therefore it will not burn. The majority of asbestos products can be made of Commercial and Underwriters grade blends. These resist decomposition up to about 400 degrees F. As temperature requirements rise, a reduction in organic supporting fiber is needed, and a corresponding increase in longer staple asbestos fiber is required to make possible the carding and spinning of yarn.

Textile Products

A. Carded Asbestos Fiber is the first of the textile products and finds a number of uses, one of which is for the filtration of liquids. Fiber, which is milled or ground to shorter staple length, is also prepared for filtration purposes. Water, wine, cider, and chemical solutions have all used asbestos as a filter.

B. Carded Batts are used as a fiber supply for other manufacturing processes. The application of insulation to wire along with a bonding material is one of the uses for batts.

C. Carded Slivers are of value because of their soft resilience. Insulation tape and cushioning for certain types of gaskets use sliver in their construction. Here is a specimen of an insulation tape to wrap on piping for steam or refrigeration protection. Sliver is twisted to form a certain type of wicking.

PRODUCED
JM - 83

D. Carded Roving is also an ingredient of some forms of wicking. In the warning flares that are commonly used near excavations, asbestos wicking is used for the flame. Wicking finds use mainly as a caulking material in pipe joints. Asbestos rope is formed by twisting multiple strands of wicking together. For hard rope, a bonding cement is used within the rope. This is also used as caulking material. Large covers and door jams are sealed with rope usually seated in a groove around the periphery. Rope has been utilized as a leader in hot locations such as at the drying rolls of a paper machine or festoon dryers. Service cords for toaster and electric irons are often insulated with asbestos roving wrapped around ~~the~~ and cushioning the rubber covered wires. An outer jacket of durable cotton or other yarn is braided over the asbestos roving. Reinforced rovings with glass, cotton or other fine yarns are also made. Marine and Navy cables use reinforced roving as cushioning insulation.

E. Asbestos Yarn may also be found on service cords for electrical appliances. Most of you have made repairs to your gas mantles either on camp lanterns or possibly on the post light that many people have in front of their house now-a-days. The mantle is held in place by a piece of asbestos yarn. One type of corrugated metal gasket uses asbestos cord cemented in concentric rings in the valleys of the corrugations on both sides of the metal. This provides an effective seal when clamped between flanges, particularly if the surface of the flanges are rough or untrue. The packing industry uses quantities of asbestos yarn in braid and cloth.

It might be interesting here to relate the starting of our company. Packing plants are best known for the packaging of meats and vegetables. Mechanical packings often are foreign to the laymen.

About 80 years ago. Mr. Olin J. Garlock was a young engineer of a stationary steam engine. Considerable attention was required to keep the steam from leaking past the stuffing box. At one time, he cut some rings from an old rubber-fabric transmission belt. He lubricated and graphited them before installing the stuffing box. The new rings worked so well that he started cutting rings and peddled them in nearby factories. With the help of a few men, they started manufacturing and grew into the Garlock Packing Company. The need for asbestos soon became realized as the field for packings enlarged.

F. Braided Rings form a very satisfactory packing for rotary as well as reciprocating pumps. Braid readily deforms under gland pressure causing the packing to adjust tightly to shaft and packing box. Liquids and gases are packed with asbestos. Asbestos, with its fiber strength and lubricant holding qualities and resistance to decomposition, fits in well in this service. Some representative packing materials are on display, for example:

1. This valve stem packing may be used for hot or cold water service as well as steam and gases, and uses Commercial Grade yarn with controlled lubrication.
- 2.- Here is a valve stem packing for high temperature steam made from AAA (95%) asbestos yarn and Inconel wire reinforcement.
3. - Blue Asbestos finds use for concentrated acids as Chrysotile asbestos will not stand this service.
- 4.- Braids with various lubricants or in combination with Teflon, make them suitable for many services. Oils, greases, waxes, soaps, and edible lubricants are called on where needed.

PRODUCED
JM - 83

5. The copper jacketed asbestos braid is of use as a door seal in high heat and severe service such as a blast furnace door or in steel mills, glass plants and foundry doors. 6.- One company transports molten aluminum in crucibles for over 100 miles using untreated Lattice Braid as a lid seal.

G. Asbestos Fabrics find a still wider use and range of application. At one time, the safety fire curtain in a theater was prominently labeled "Asbestos". The safety curtain in Radio City Music Hall is worth noting. This fabric was supplied by Johns-Manville about 30 years ago. A two section curtain with ridged girder construction spans the 130 foot stage. Wire reinforced asbestos fabric is stretched tightly over front and back like drum heads. -- Safety Clothing includes gloves, coats, helmets, and coveralls. Here are some fabrics used in these products. The aluminized fabric increases the shield against radiant heat by its reflective qualities. Asbestos Curtains for shielding welding sparks or dropping molten metal are commonly used. Shields are used during repair of the refractory brick with the men working in vicinity of the open hearth furnaces and ovens. Glazers of cast iron plumbing fixtures, tubs, and sinks use the asbestos cloth. The men have their wives produce custom made garments to shield them from the hot work. An item that may gain in importance is the use of asbestos for smoke filter bags. The anti-air pollution movement is sure to grow. Certain paper industries use an asbestos dryer felt which is woven endless to prevent marking the wet pulp web. Looms are built up to 50 feet in width. This makes possible an endless apron over 95 feet in circumference, and as wide as is required. Laminated asbestos and phenolic sheets are made. Products include valve discs, rotor vanes for compressors and air tools, piston rings, motor insulation and inhibitor tubes for solid propellant rockets. The vanes for air compressors supply pressure for pneumatic equipment. Refrigerators and air conditioners use vanes. In the manufacture of tin plate, the electrolytic process is most common. The hot metal plating is still required for some tin, zinc and lead. This is one form of brush used to wipe clean the steel squeeze roll used in removal of excess molten metal. In the assembly of some ovens and similar work, a strip of cloth is required. An adhesive greatly speeds up this work of inserting the strips of cloth. In the use of glass piping, a resilience is required in the joint gasket. This Teflon gasket is lined with rubber and asbestos fabric. Here is a rubber and asbestos ring which serves similar to the one first made by Mr. Garlock. Woven industrial brake lining is used on the hold brake for elevators. The deep wells drilled for oil require very heavy hold brakes. Here is a 10 ply construction of woven lining. Some wells have been drilled as deep as 25,000 feet. Insulation blankets that are laced in position and may be removed and reused are valuable equipment. Here is an illustration of such pipe insulation. Tailored blankets are made for turbines and valves. The use of the springy Amosite fiber provides a very effective insulation. For the high temperature service, AAA Monel reinforced cloth is applied to the inner surface, with AA cloth on the outside. Narrow listing tapes are used in wire cable wrappings in motors. Laundry presses and dry cleaning presses use asbestos pads and cover fabrics.

PRODUCED

JM - 83

"The Use of Asbestos Textiles in Industrial Products" - Page -4-

Expansion joints are needed in pipe lines handling fluids or gases at high temperature. Asbestos finds its place here. Units from 1 1/2" to very large sizes are made. Here is a picture of a joint measuring 14 x 16 feet inside ~~diameters~~ dimensions.

Blue asbestos fabric impregnated with Teflon makes an effective gasket for strong acid and acid combinations. Rubberized asbestos cloth is used in a wide range of products. Man-hole and hand-hole gaskets are used in quantity. Water tube boilers are major users of hand-hole gaskets. The flat flanged gaskets are made up to any required size. Tad-pole gaskets are used in door seals. Another use is found in "package" boilers which are much in demand. High pressure packings use several forms of rings made from the rolled or folded forms of cloth and rubber.

Even with all the Diesel locomotives, the Button-Hole or locomotive front end tape designed for steam locomotives is still used. This forms two gaskets placed on either side of a row of rivets. Here is a firmly rolled style used for the cover gasket on a kier in which poles and railroad ties are impregnated with creosote.

Molded items such as this "V" ring, and this cup, are of great value for high temperature service up to 600 degrees F. Steam and air at high pressures are effectively sealed with this type ring. Molded cups of rubber and asbestos are used in feed-water pumps for steam boilers.

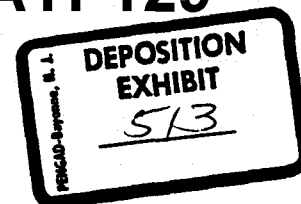
Asbestos has been combined with Teflon to make very tough, heat resistant material. "V" rings have been made which answer a need in the oil fields where water with grit and sand, and other times with Portland cement, are sometimes pumped into the oil wells at high pressure.

In hydraulic rams where high heat may be present, the sintered Teflon-Asbestos "V" rings will hold and release where rubber sometimes seizes. Sintered Teflon-Asbestos has been used in producing fireproof insulating tubing to protect electrical cables for aircraft. This fireproof cushion clamp holds electrical cables also in aircraft.

The useful field for asbestos textiles is far greater than has been outlined today, but enough has been covered to show the great value of asbestos fiber in industrial products. The uses continue to grow!

About the Speaker: - G. Ellwood Houghton, Product Engineer, has been associated with GARL66K Inc., since 1939. For twenty years he was superintendent of the Asbestos Textile Department prior to his promotion in 1959 to Product Engineer in Research and Development and Manufacturing Engineering Departments. Mr. Houghton has been awarded three product patents and has two additional patents pending. He has also contributed in a major way to machine innovations for new products and product improvements. Following his graduation from Philadelphia Textile School in 1927, he joined Johns-Manville Corporation, serving in several line and staff production operations for twelve years. Now in his fortieth year of continuous association with the asbestos textile industry, Mr. Houghton has a background of experience that is most impressive, and we were privileged indeed to have this opportunity to hear him discuss "The Use of Asbestos Textiles in Industrial Products".

PRODUCED
JM - 83



Minutes

BOARD OF GOVERNOR'S MEETING

Asbestos Textile Institute
February 9, 1967
Cherry Hill Inn, Cherry Hill, N.J.

In attendance:

J.L. Rainey - American Asbestos Textile Corporation
J.A. Brown, Jr. - Raybestos-Manhattan, Inc.
E.A. Schuman - Johns-Manville Corporation
S.J. Peele, Jr. - United States Rubber Company
J.L. Mitchell - Tallman-McCluskey Fabrics Company
N.L.A. Martucci - Garlock Inc. (Treasurer of A.T.I.)
P.Jay Flocken - Legal Counsel, ATI
H.E. Sunbury - Secretary, ATI

Absent: J.A. Gallagher of H.K. Porter Company
G.P. Wiess of Garlock, Inc.

*****Minutes*****

1. The meeting was called to order at 3:30 P.M. by President Rainey who stated that he had received a letter from Mr. G.Parry Wiess, the regular representative for Garlock Inc., stating that Mr. Martucci would represent Garlock Inc. at this meeting and was authorized to vote on their behalf.

The only member company not represented was H.K. Porter Company due to the illness of their Mr. J.A. Gallagher.

2. The Secretary presented the minutes of the last meeting. It was moved by Mr. Peele, seconded by Mr. Schuman, that the reading be omitted. So voted.

3. The Financial Report was presented by Treasurer Martucci. It was moved by Mr. Mitchell that the report be accepted. Seconded by Mr. Brown. So voted. The report is made a part of these minutes.

4. Proposed revision of Constitution and By-Laws. The Secretary had notified all members of the Board of Governors under date of November 22, 1966, that it was proposed to change the Constitution by adding an amendment under Article IV in the form of a new paragraph #5 to read as follows:

"5. Regular Members and Associate Members may be represented at all proceedings of the Institute and at all meetings thereof only in the person of their duly authorized representatives who shall be either officers or employees of such Regular Members or Associate Members. The authorization for a representative of a Regular Member must contain specific authority for such representative to vote and bind the Member before such representative will be deemed entitled to vote."

PRODUCED
JM - 83

Paragraph 1 of the By-Laws to be amended to read as follows:

"1. Institute Meetings: At all meetings of the Institute, a Regular Member shall be represented for voting purposes by the chief executive officer of such Regular Member, or in his absence, by another officer or employee thereof who has been duly designated and authorized to act as an alternate representative, and whose name has been filed with the President.

"In the absence of the chief executive officer or such duly designated alternate, a Regular Member may be represented for voting purposes by an officer or employee of such Regular Member appointed, in writing, to vote at and attend the designated meeting by the chief executive officer or, in default of such appointment, by the duly designated alternate representative. No representative of any Regular Member of the Institute shall be allowed to vote at meetings unless such representative has authority to commit such Member in accordance with his vote.

"Regular and Associate Members shall attend and be represented at any meeting of the Institute for all non-voting purposes in the person of officers or employees of such members."

The remainder of Paragraph 1 of the By-Laws, relating to the time and location of meetings, to remain unchanged.

Mr. Brown moved that the amendment as stated above be approved, and made a part of the Constitution and By-Laws. Seconded by Mr. Martucci. Approval was unanimous.

5. Mr. C.L. Sheckler was then invited in to the meeting to review for benefit of the Board members the report given to our Air Hygiene Committee earlier in the day by Dr. L.J. Cralley of the U.S.P.H.S., in respect to the Occupational Health Program and the Environmental Health Study that has been underway for the past several years. Mr. Sheckler expressed himself as greatly encouraged by Dr. Cralley's report, and feels that at last he is getting somewhere, and that we in turn will be progressing as a result.

Dr. R.T.P. DeTreville came into the meeting at 4:40 P.M. (by invitation) and reviewed the progress made by the Industrial Hygiene Foundation during the last six or seven months under their Asbestos Bio-effects Research Program, which is under the supervision of Dr. Paul Gross. He stressed the need for financial help from industry in order to continue the research program - about \$100,000 per year is needed. He stated that Mellon Institute is merging with Carnegie Tech to form Carnegie University, and that I.H.F. can no longer look to Mellon Institute for subsidies, and will also lose the present favorable overhead operating costs. He suggested that ATI should take a position in respect to the research program, and not be passive. Would value our assistance in raising additional funds to continue the research program on a proper scale.

PRODUCED
JM - 83

MS 005490

Mr. Brown suggested to Dr. deTreville that he should solicit funds directly from the head official of various asbestos companies, rather than to expect results from executives in the lower echelons of management.

President Rainey thanked Dr. deTreville for coming to the meeting and assured him that ATI wanted to do everything in its power to further the research program.

6. The Secretary presented a letter from Mr. W.S. Hough in which he submitted his resignation as chairman of the Sales Promotion Committee by reason of the fact that he is leaving the asbestos industry effective the end of February, 1967. It was voted to accept his resignation with extreme regret. Mr. E.A. Schuman was appointed to serve for the balance of Mr. Hough's term, which normally would have ended in December of 1967.

7. The Secretary presented a letter from English Asbestos Co., Ltd., dated 24th January, 1967, in which they submitted their resignation as an Associate Member of the Institute due to the fact that they are now part of the B.B.A. Group of companies, also have withdrawn from the outside asbestos textile market.

Also presented was a letter from the Cape Asbestos Company Limited, dated 30th January, 1967, in which they submitted their resignation as an Associate Member due to the fact that they had discontinued the manufacture of asbestos textiles in England.

Mr. Peele moved that both resignations be accepted with regret. However, they should be advised that dues for 1967 are payable as set forth in Article III, Paragraph 4, of the Constitution and By-Laws. This motion was seconded by Mr. Brown. So voted.

(The resignation of Cape Asbestos Company is to be discussed with Mr. R.E. Cryor before a letter is sent to them.)

8. The application of the Frank G. Ruggles Co., for Associate Membership in the Institute, on which no action was taken at the last meeting, was brought up for discussion. As the By-Laws would have to be amended before approval could be given to this company (who does not card or spin asbestos fiber) it was moved by Mr. Peele that the application be denied. Seconded by Mr. Brown. So voted. The Secretary is to advise Mr. Ruggles of this action.

9. The Secretary reported that H.K. Porter Company had agreed to supply a speaker for our June meeting.

10. Date and location of the June 1967 meeting. The Secretary reported that he had written to Logexpo, the central bureau for finding accommodations in Montreal for visitors to Expo 67, in an effort to determine whether our June meeting could be held in Montreal, Canada. The Board members were agreeable to the idea of meeting in Montreal on June 8th and 9th (arrival June 7th) provided we could line up suitable accommodations. Failing in that, it was decided that we would try to hold the June meeting at Hotel Hershey, in Hershey, Pa.

PRODUCED

JM - 88

Minutes - Board of Governors - continued

Page -4-

11. Locations for future years. It was agreed that Mr. Feele and the Secretary should collaborate in an effort to arrange firm reservations at desirable locations for our meetings three years in advance.

12. The Secretary's vacation plans were approved.

Respectfully submitted,


H.E. Sunbury
Exec. Sec'y.

MS 005492

PRODUCED
JM - 83

MT-004898

ASBESTOS TEXTILE INSTITUTE

Report of Funds

January 10, 1967

Balance on hand at last report, September 9, 1966

General Fund	\$ 4067.89
Savings Fund	19223.26
Petty Cash Fund	<u>76.90</u>

\$23368.05

Receipts

To Savings Fund (Interest)	481.48
To General Fund (Book Sales)	212.98
To General Fund (Fibre Test Man.Acct.)	<u>315.87</u>

1010.33

Total On Hand and Received

\$24378.38

Disbursements

Legal Retainer (3 mos ending 11/30/66)	500.00
Legal Expense " " "	206.72
Secretary's salary (5 mos)	598.75
F.I.C.A. Tax (3rd & 4th Qtr 1966)	65.95
Secretary's Travel	330.37
Office Rent (5 mos)	375.00
Accountant (Caruso, yr endg 9/66)	300.00
Exhibit Expense	66.14
Handbook Expense (3rd Edition)	622.45
Printing & Office Supplies	159.84
Stenographic	24.00
Meeting Expense (October 1966)	886.57
Insurance (Adjusted Premium)	5.46
Telephone (4 mos)	157.40
Dues (I.H.F. & A.S.T.M.)	160.00
Petty Cash (Vouchers 267-288 incl.)	<u>86.98</u>

4545.63

Balance on hand as of January 10, 1967

\$ 19832.75

Funds

General Fund (Bank Statement of 1/10/67)	447.64 (*)
Savings Fund	19304.74
Petty Cash Fund	<u>80.37</u>

Total Funds

19832.75

Assets as of January 10, 1967

General Fund	447.64
Savings Fund	19304.74
Petty Cash on Hand	80.37
Accts Receivable (Book Sales)	79.44
Accts " " (Dues for 1967)	9250.00
Postage on hand	6.50
Furniture & Equipment (Nominal Value)	<u>1.00</u>

Total Assets

29169.69

Liabilities (None)

Net Worth

\$ 29169.69

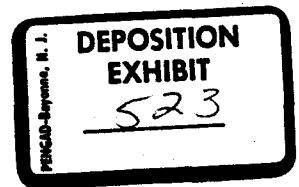
(*) \$400.00 transferred from
Savings to General Fund 1/3/67

Respectfully submitted,

H.E. Sunbury
H.E. Sunbury
Asst. Treasurer

PRODUCED
JM - 83

Agenda
BOARD OF GOVERNOR'S MEETING
June 7, 1967



Lucerne Motel, Montreal, Canada

Call to order - John L. Rainey, Chairman

Accreditation of those in attendance

Minutes of the last meeting

Financial Report

Old Business

(1) Resignations of English Asbestos Co.Ltd, and Cape Asbestos Co.Ltd.

(2) Letters of appreciation from Mrs.M.C.Shaw, and Mr.W.S.Hough

New Business

(1) Resignation of Staton J.Peele,Jr.,as representative of UNIROYAL.

(2) Approval of UNIROYAL'S new representative, Richard P. Clark

(3) Review of final cost figures - 3rd Edition of Handbook

(4) Proposed purchase of a Bauch & Lomb Dust Counter (\$5800 ~~\$4000~~)

~~(5) Appointment of temporary chairman for Air Hygiene & Mfg. Comm.~~

(6) Appointment of Nominating Committee to report at October meeting.

(7) Application for membership by Hilados Y Tejidos de Asbesto S.A.

(8) Appointment of committee to initiate planned publicity program

(9) Proposed establishment of a scholarship fund by A.T.I.

(10) Speaker for the October, 1967 meeting at Hilton Head Island, S.C.

(11) Suggestions for location of A.T.I. meetings in year 1968.

(12) Other business

(13) Adjournment

MS 005494

PRODUCED
JM - 83

Minutes

BOARD OF GOVERNOR'S MEETING

Asbestos Textile Institute

June 7, 1967

Lucerne Motel, Montreal, Canada

In Attendance:

J.L. Rainey, American Asbestos Textile Corporation
 E.A. Schuman, Johns-Manville Corporation
 S.J. Peele, Jr., UniRoyal, Inc. (U.S. Rubber Company)
 R.P. Clark, UniRoyal, Inc. " "
 J.L. Mitchell, Tallman-McCluskey Fabrics Co.
 J.A. Gallagher, H.K. Porter Company, Inc.
 J.A. Brown, Jr., Raybestos-Manhattan, Inc. (See footnote)
 P. Jay Flocken, Cadwalader, Wickersham & Taft (Legal Counsel)
 H.B. Sunbury, Secretary, A.T.I.

Absent: G. Parry Wiess, Garlock Inc.

***** Minutes *****

1. The meeting was called to order by President Rainey at approximately 10:00 P.M.
2. The Secretary presented the minutes of the last meeting for reading. It was moved by Mr. Peele, seconded by Mr. Schuman, that the reading be omitted. So voted.
3. The Financial Report was read by the Secretary in absence of Treasurer Martucci. Mr. Schuman moved that report be accepted and this was seconded by Mr. Peele. So voted. The Report is attached to these minutes.
4. President Rainey advised the members that both the Cape Asbestos Company Ltd., and the English Asbestos Co., Ltd., whose resignations from A.T.I. were submitted to the Board of Governors at our February 1967 meeting, had now paid their respective membership dues for the entire year of 1967 as required under the By-Laws of the Institute. It was moved by Mr. Peele and seconded by Mr. Mitchell, that the Secretary write each of these companies a letter of appreciation for their action in payment of their dues.
5. President Rainey read a letter of appreciation from Mrs. M.C. Shaw in regard to the special leather covered copy of the new Handbook of Asbestos Textiles - 3rd Edition, which was dedicated to the memory of her late husband, Cyril C. Shaw, and presented to her by the Board of Governors following our last meeting.
6. Also a letter of appreciation was noted from W.S. "Bill" Hough in which he expressed his gratitude and pleasure for the attentions bestowed on him at the February meeting, his last as an active member of A.T.I.

EXHIBIT B-90

PRODUCED
 JM - 83

Minutes - Board of Governors - continued:

7. President Rainey read a letter from Mr. S.J. Peele, Jr., dated April 14, 1967, in which Mr. Peele tendered his resignation from the Board of Governors; also terminated his other functions in the A.T.I. by reason of the fact that his duties and responsibilities at Uni-Royal, Inc., had been realigned, and he was no longer associated with their asbestos products. Mr. Rainey expressed the most sincere regret on behalf of the Board of Governors, and paid tribute to the valuable assistance given to both the Institute and the asbestos textile industry during the many years that Mr. Peele has been active in A.T.I. and the asbestos textile industry. Mr. Gallagher moved that Mr. Peele's resignation be accepted with utmost regret, seconded by Mr. Schuman, and so voted.

8. Mr. Rainey advised the members that he had received a letter from Mr. F.C. Phillips, Marketing Manager, General Textiles, UniRoyal, Inc., under date of April 14, 1967, in which Mr. Phillips offered for the Board's consideration Richard P. Clark, newly appointed Product Sales Manager for their asbestos products, as UniRoyal's representative to serve on the Board of Governors of A.T.I. It was moved by Mr. Mitchell, and seconded by Mr. Gallagher, that Mr. Clark be approved as the representative of UniRoyal, Inc. So voted, unanimously.

Mr. Peele spoke in a most complimentary way on behalf of "Dick" Clark, and his belief in the principles and objectives of the Institute, and his desire to have UniRoyal, Inc., continue its full support of A.T.I. activities as in the past.

9. The Secretary presented the final cost figures on the 3rd Edition of the Handbook of Asbestos Textiles. The unit cost per copy of this edition was \$0.663 compared with \$0.728 on the prior (1961) edition; a reduction of 9% despite the smaller number of copies printed, and general increases in materials and labor costs since that year. The full details are attached to these minutes. The Board members expressed their satisfaction with this fine result, due in large part to the suggestion made by Mr. Peele about a year ago that A.T.I. work thru the purchasing department of his company in obtaining competitive bids on the printing of the Handbook.

10. The purchase of a Bauch & Lomb Dust Counter for use by all the Regular Members of the Institute has been proposed by the Air Hygiene & Mfg. Committee. After some discussion it was suggested by Mr. Gallagher that the Air Hygiene & Mfg. Committee make a specific recommendation based on latest developments by Bauch & Lomb. Subsequent to the meeting a further discussion with the chairman of the Air Hygiene & Mfg. Committee took place and the Board approved in principle the purchase of a Bauch & Lomb Dust Counter. The maximum amount to be spent is \$5000.00, and the manufacturing committee is to get a written proposal and submit it to the Secretary for approval of the Board of Governors before the actual purchase order is issued.

The question of use of the equipment by rotation among member companies was brought up. Mr. Flocken asked if it was the intention to make permanent record of dust counts, and if so if such records would create a problem if the union got possession of them. This was thought to be no problem as the union could get the State Dept. to come into a plant and make dust counts if they so desired. Mr. Mitchell visualized that member companies would use the equipment

PRODUCED

JM - 83

MS 005496

MT-004902

irregularly for spot checks. Therefore, its use by various companies should not be a problem. Mr. Flocken raised question of who would pay for repairs to the equipment, as these could be costly. Mr. Gallagher questioned the idea of making it a self-liquidating project, but question of repair costs could either be spread over the members or else absorbed by the Institute at discretion of the Board of Governors. While the Board favored the purchase of the equipment, and approved it as stated above, the details concerning schedule for rotation between companies, transportation and repair costs, etc., are still to be worked out.

11. President Rainey appointed John A. Brown, Jr., to be chairman of the Nominating Committee, and Mr. Brown will select two others to serve with him on that committee. They are to present a slate of officers for election at the next (October) meeting, also present recommendations for individuals who will serve as chairmen of the four working committees, namely: Air Hygiene & Mfg.; Technical; Sales Promotion; and Fiber Testing.

12. President Rainey stated that a verbal application for Associate Membership in the Institute had been made to him by the Mexican firm, Hilados Y Tejidos de Asbesto S.A. This concern is an affiliate of American Asbestos Textile Corporation, and Mr. Rainey said they were primary producers of asbestos textiles in Mexico and were qualified for membership. Reaction of the Board members was favorable, and it was agreed that Mr. Rainey would instruct them to submit a letter of application and the Board would act on it at the October meeting this year.

13. Mr. Schuman referred to the Planned Publicity Program as discussed in the Sales Promotion Committee at the February meeting. Said that no definite program had been formulated as yet. Quoted a letter from Mr. Martucci of Garlock Inc., in reference the firm of Edward W. Robotham of Westport, Conn., who specialize in sales promotion work. Mr. Schuman said that he would ask Mr. Martucci to explore the possibilities of this company giving us an idea of how much money it might cost the A.T.I. to present an effective sales promotion program, and what this program might entail. Also, there would be a further discussion of the matter in the Sales Promotion Committee.

14. Proposed establishment of a Scholarship Fund by A.T.I. - Mr. Rainey said that Bill Hough had recommended we consider it as a means of getting young men interested in employment in the asbestos textile industry. Suggested that members think about it. Mr. Peele suggested that we contact various textile schools to see what amount of money would be needed to stimulate interest; also investigate what the textile industry was doing about scholarships. Mr. Gallagher said that he would volunteer to check into this matter with a couple of textile schools in North Carolina. While it is not clear as to how the asbestos textile industry could derive benefit from a scholarship fund, Mr. Rainey thought that a good start would be to find out what other industries are doing.

15. Mr. Gallagher offered to supply a speaker for the October meeting.

PRODUCED
JM - 83

MT-004903

MS 005497

16. In respect to locations for A.T.I. meetings in 1968 Mr. Rainey suggested that the February meeting should be in New York City or in Philadelphia. After some discussion the Secretary was instructed to make a firm reservation in New York City, at the Barbizon-Plaza, if possible. Mr. Peele suggested we consider the Sedgefield Inn at Greensboro, North Carolina, for June or October meeting. Mr. Rainey suggested the Hotel Hershey, Hershey, Pa., for October 1968. Shawnee on Delaware was mentioned also as a possible meeting site.

17. Chloride-free cloth for the Navy.

Mr. Rainey said that he wanted to discuss this subject, and warned that the asbestos textile industry should be careful to avoid getting into "a bind" as, for example, the adhesive used could change the condition as to chloride content. He believes that the industry is "sticking its neck out" to offer to supply chloride-free cloth, as the shelf-life is not known, or variation from roll to roll. Also, the cloth could possibly be contaminated by sea air. Cloth has to be shipped in polyethylene bags. Stated: "We feel that the specification is unnecessary and it could be eliminated with very little difficulty."

Mr. Flocken discussed labeling and extent of liability as to the warranty. Mr. Rainey said that he doubted that we knew enough about it to guarantee the cloth was chloride-free.

Mr. Schuman thought that we either had to guarantee it or risk the replacement of asbestos cloth by some other material. Thought that our Technical Committee might investigate to determine the "shelf-life" of chloride-free cloth.

Mr. Rainey mentioned that asbestos fibres from various sources have different chloride content, but questioned whether continuity of supply on a particular quality of fiber could be depended upon.

18. There being no further business to come before the meeting, it was duly adjourned.

PRODUCED
JM - 83

Respectfully submitted,

H.E. Sunbury
H.E. Sunbury, Secretary

Addendum:

Following the meeting a handsome stop-watch (wrist type) was presented to Mr. Peele on behalf of his associates on the Board of Governors, including Legal Counsel and the Secretary.

Mr. Peele was greatly pleased by their gift, and responded by expressing his deep appreciation for it.

Note: Mr. J.A. Brown, Jr., of Raybestos-Manhattan, Inc., had notified the Secretary by phone that due to transportation difficulties he would arrive Montreal very late in the evening. Due to this fact Mr. Brown was unable to attend the Wednesday evening meeting of the Board. However, he was present at the subsequent meeting at which the Board approved purchase of the Bauch & Lomb Dust Counting equipment as reported in Paragraph 10 of the minutes.

H.E.S.
H.E.S.



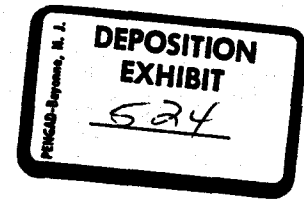
*ASBESTOS
TEXTILE
INSTITUTE*

—FOUNDED 1944—

GENERAL MEETING

MS 005499

PRODUCED
JM - 83



ASBESTOS TEXTILE INSTITUTE

President ----- J.L.Rainey
 Vice President ---- E.A. Schuman
 Treasurer ----- N.L.A. Martucci
 Exec. Sec'y ----- H.E. Sunbury
 Legal Counsel ---- P.Jay Flocken

BOARD OF GOVERNORS

J.L. Rainey, Chairman
 J.A. Brown, Jr., J.A. Gallagher, J.L. Mitchell
 S.J. Peele, Jr., E.A. Schuman, G.P. Wiess

AIR HYGIENE & MFG. COMMITTEE

W.C. Atkinson, Chairman
 A.C. Link, Ted D. McCluskey, K.W. Nelson
 C.L. Sheckler, R.B. Smith, H.H. Walter
 L.C. Williams

TECHNICAL COMMITTEE

J.D. McCluer, Chairman
 D.T. Austin, Jr., K.Q. Beyard, J.W. Hawkins
 G.E. Houghton, Wm. Maaskant, E.A. Morris
 D.F. Quealy

SALES PROMOTION COMMITTEE

E.A. Schuman, Chairman
 J.A. Brown, Jr., J.W. Christenbury, J.L. Rainey
 J.L. Mitchell, S.J. Peele, Jr., N.L. Martucci
 M.Q. Scowcroft, R.P. Clark

FIBER TESTING COMMITTEE

J.P. Wronski, Chairman
 I. Barnett, G.F.A. Brink, D.E. Childers
 R. Dodds-Hebron, E.A. Farrell, J.W. Hawkins
 B. Lincoln, T.T. Tigert, L.C. Williams

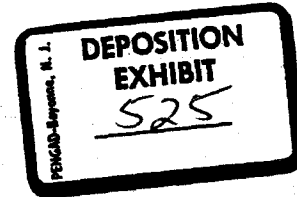
FIBER COMMITTEE

M.P. Carson, J.D. Christian, N.W. Hendry
 M.J. Messel, W.W. Oughtred, F.P. Smith
 Wm. J.W. Smith

PRODUCED
 JM - 83

MS 005500

MT-004906



ASBESTOS TEXTILE INSTITUTE

GENERAL MEETING

June 9, 1967

Agenda

Call to Order - 9:30 A.M. - J.L. Rainey
President

Introductions

Minutes of the last meeting

Financial Report

Legal Counsel Report - P.Jay Flocken

Fibre Producers Report - J.D. Christian (*)

Technical talk - "Researching a Fresh
Approach for the Carding of Asbestos Fibers,
and the Promising New Rubber Design for
Condensing Asbestos Roving." by;
Harold R. Lynch, Davis & Furber Mach. Co.

Committee Reports

Air Hygiene & Mfg. - W.C. Atkinson, Chm.

Sales Promotion - E.A. Schuman, Chm.

Technical - J.D. McCluer, Chm.

Fiber Testing - J.P. Wronski, Chm.

Old Business

New Business

Cocktails - 12:00 Noon, Luncheon - 12:30 p.m.

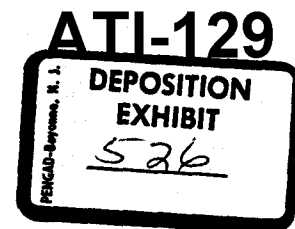
Adjournment

(*) President, Cassiar Asbestos Corp., Ltd.

MS 005501

PRODUCED
JM - 83

MT-004907



GENERAL MEETING

Lucerne Motel Annex, Montreal, Canada

Wednesday, June 7, 1967

Registration

Social Hour - 6:00 to 7:00 P.M. (Ladies too.!)

Board of Governors meeting - 9:00 P.M.

Thursday, June 8, 1967

9:00 to 11:00 A.M. - Committee meetings

11:30 A.M. - Board buses for Expo 67

12:00 noon - Reception and Luncheon at the
Quebec Pavilion. (*)

2:00 P.M. - Official Reception to Expo 67 at
the ASBESTOS PLAZA

AFTER the reception there will be a conducted
tour of five pavilions - U.S.A.; French; Can-
adian; Russian; and Theme, "Man the Producer"

Friday, June 9, 1967

GENERAL MEETING - 9:30 A.M.

Cocktails - 12:00 Noon (Ladies Invited)

Luncheon - 12:30 P.M. (Ladies Invited)

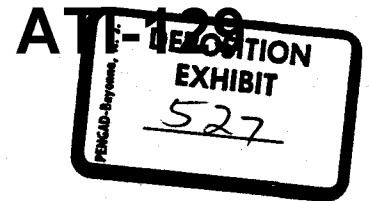
Adjournment

(*) The "Miners" are hosts at this luncheon,
also they have made all the arrangements
for our visit to Expo 67.

PRODUCED
JM - 83

MS 005502

MT-004908



R O S T E R

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

* * * *

AMERICAN ASBESTOS TEXTILE CORP.
Norristown, Pa.

GARLOCK INC.

Palmyra, New York

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

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

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

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

SOCIETE ANONYME FRANCAISE DU FERODO
Paris, France

TURNER BROTHERS ASBESTOS CO., LTD.
Rochdale, England

PRODUCED
JM - 83

MS 005503

MT-004909

ASBESTOS TEXTILE INSTITUTE

Report of FundsMay 8, 1967Balance on Hand at Last Report, January 10, 1967

General Fund	\$ 447.64
Savings Fund	19304.74
Petty Cash Fund	<u>80.37</u>

\$ 19832.75

Receipts

To Savings Fund (Interest - 4 mos.)	285.00 (Est.)
To General Fund (Book Sales)	127.80
To General Fund (Handbook Acct.)	6327.72
To General Fund (1967 Dues)	<u>8750.00</u>

15490.52Total On Hand and Received\$ 35323.27Disbursements

Legal Retainer (3 mos ending 2/28/67)	500.00
Legal Expense (" " ")	25.80
Secretary's salary (4 mos)	478.00
F.I.C.A. Tax (1st Qtr. 1967)	31.50
Secretary's travel	130.20
Office rent (4 mos.)	300.00
Exhibit expense	40.24
Handbook expense (3rd Edition)	7051.98
Printing & office supplies	112.01
Stenographic expense	100.00
Meeting expense (February 1967)	803.99
Telephone (4 mos.)	155.24
Petty Cash vouchers (289-309 incl.)	<u>75.44</u>

9804.40Balance On Hand as of May 8, 1967\$ 25518.87Funds

General Fund (Bank Statement-May 8, 1967)	5924.20
Savings Fund	19589.74 (*)
Petty Cash Fund	<u>4.93</u>

Total Funds\$ 25518.87Assets as of May 8, 1967

General Fund	\$ 5924.20
Savings Fund	19589.74
Petty Cash on Hand	4.93
Accts. Receivable (Book Sales)	48.31
" " (Dues for 1967)	500.00
" " (Handbook Acct.)	3218.01
Postage on Hand	4.50
Furniture & Equipment (Nominal Value)	<u>1.00</u>

Total Assets\$ 29290.69Liabilities (None)Net Worth\$ 29290.69

(*) Includes \$285.00 interest estimated for period 1/1/67-4/30/67

H.E. Sunbury, Asst. Treasurer



PRODUCED
JM - 83

- PAID 5/31/67

Asbestos Textile Institute

Handbook of Asbestos Textiles - 3rd Edition (1967)

Total Expenditures

<u>Item</u>	<u>Amount</u>
Printing (12,534 copies) -----	\$ 6022.50
Proof changes (Author's alterations) -----	193.00
Shipping cartons -----	43.50
Art work -----	294.00
Permission to reprint A.S.T.M. Specifications -	446.25
Editorial expenses -----	306.23
Editorial fee -----	1000.00
Total Cost -----	\$ 8305.48
Imprinting (For customer's account) -----	506.50
Prepaid freight charges (For customer's account)-	286.48

Total Expenditures, 3rd Edition-\$ 9098.46

Comparative Costs

<u>Edition</u>	<u>Quantity Printed</u>	<u>Total Cost</u>	<u>Unit Cost</u>
First (1953)	15,380	\$ 7208.33	\$ 0.4687
Second (1961)	15,125	\$11010.83	\$ 0.728
Third (1967)	<u>12,534</u>	\$ 8305.48	\$ 0.663 (*)

(*) Unit cost is 9% lower than 1961 edition despite the smaller number of copies printed, and general increases in materials and labor costs since that year.

Date: May 19, 1967

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

PRODUCED
JM - 83

ASBESTOS TEXTILE INSTITUTE

Handbook of Asbestos Textiles - 3rd Edition, 1967

Summary of Billings to Member Companies

<u>Company</u>	<u>Amount</u>
Johns-Manville Corp.	\$ 2170.32
Raybestos-Manhattan, Inc.	2083.80
American Asbestos Textile Corp.	1573.15
H.K. Porter Company, Inc.	1577.85
UniRoyal, Inc. (U.S. Rubber Co.)	810.79
Garlock Inc.	539.03
Tallman-McCluskey Fabrics Co.	145.10
Asbestos Corporation Limited	353.83
Bell Asbestos Mines Limited	108.24
North American Asbestos Corp.	146.62
Lake Asbestos of Quebec Ltd.	37.00

Total Billings - \$ 9545.73

Total expenditures -- 9098.46

Billings in excess of expenditures -- \$ 447.27

Quantities shipped

<u>Company</u>	<u>Quantity</u>
Johns-Manville Corp.	2000
Raybestos-Manhattan, Inc.	2000
American Asbestos Textile Corp.	1500
H.K. Porter Company, Inc.	1500
UniRoyal, Inc. (U.S. Rubber Co.)	750
Garlock, Inc.	500
Tallman-McCluskey Fabrics Co.	100
Asbestos Corporation Limited	400
Bell Asbestos Mines Limited	200
Cassiar Asbestos Corp. Ltd.	100
North American Asbestos Corp.	200
Lake Asbestos of Quebec Ltd.	100
British Belting & Asbestos Ltd.	100
Turner Brothers Asbestos Co. Ltd.	100
English Asbestos Co. Ltd.	50
Societe Anonyme Francaise du Ferodo	50
Asbestos Textile Institute	150
In stock (Confort & Co., N.Y. City)	2734

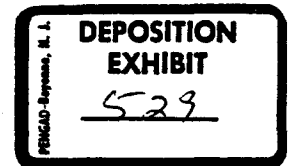
Total of 9650
shipped to members

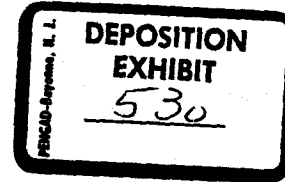
Total printed ---- 12534

Date: May 19, 1967

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

PRODUCED
JM - 83





About the speaker:

Mr. Harold R. Lynch is a Sales Representative for the Davis & Furber Machine Co., of North Andover, Mass., well known manufacturers of textile machinery and card clothing. His territory includes the U.S.A. and Can.

He was promoted to his present position after 15 years as Supervisor of the Condenser Tape and Apron Dept. of Davis & Furber Mach. Co., where he was responsible for the buying, treatment, and production of textile leathers. A period of 12 years with the W.J. Fallon Leather Co., Boston, Mass., and 7 years with the Boston Woven Hose & Rubber Co., gave him additional experience.

Mr. Lynch has written two published articles: (1) "The Treatment of Textile Leathers to Control pH Value" and (2) "The Use of Mineral Oil Sulfonates and Their Effects on the Leather Condenser Tapes."

Mr. Lynch was educated in the Boston Public School System, and during his high school days worked as an amateur sports writer for the Boston Herald. He was nominated for the Massachusetts Legislature at the age of 22, but was unsuccessful in his bid for election to that office.

Mr. Lynch served as President of the Boston Debating System, was a member of the Peabody Playhouse Group, and also sang with the famous St. John's Anglican Choir.

It is always a privilege to listen to a man who has learned his trade from actual operating experience over a period of many years - and Mr. Lynch is well qualified.!

PRODUCED
JM - 83

MS 005507

ASBESTOS TEXTILE INSTITUTE

To: A.T.I. members

May 5, 1967

Subject: A.T.I. meeting, June 7-9th, 1967, Montreal, Canada

As advised in our circular letter of March 15th, our June meeting will be held at the Lucerne Hotel Annex, 4950 Sherbrooke St., East, Montreal, on June 8-9th, 1967, with arrival on June 7th.

The usual A.T.I. Social Hour will be held from 6:00 to 7:00 P.M. on Wednesday evening at the Lucerne, and we hope that everyone can arrive early enough to attend, bringing their wives with them.

Mr. Wm.J.W. Smith, Bell Asbestos Mines Limited, chairman of the special subcommittee set up by the "Miners" to take care of the program of entertainment for Thursday, informs us that the schedule as arranged for Thursday, June 8th, will be:

11:30 A.M. - Board chartered buses at Lucerne Motel for trip to "Expo".
"Daily Pass" for admission will be supplied by the "Miners".

12:00 Noon - Reception and Luncheon at the QUEBEC Pavilion. The "Miners" are the hosts at this affair.

2:00 P.M. - Official Reception to Expo 67. This will be held at the "ASBESTOS PLAZA".

After the reception there will be a conducted tour of five pavilions selected by the committee for outstanding interest, namely: U.S.A.; French; Russian; Canadian; and Theme - "Man the Producer".

Mr. Smith suggests, as it would probably take two weeks for thorough coverage of Expo 67, that those who can arrive Wednesday morning might well use the balance of that day to visit Expo, in which case, to avoid repetition, the above listed pavilions could be omitted.

While no activities are scheduled for Thursday evening, Mr. Smith advises that the ROYAL BALLET (from England) will be playing at the Opera House in Montreal, and he can get tickets for those who are interested, if they let him know promptly.

Also, at the Expo Theatre, the play "Half and Sixpence" will be given on Wednesday and Friday evenings, and he can get tickets.

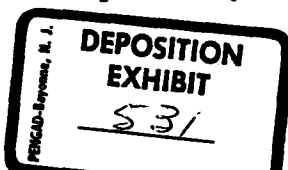
On Friday, June 9th, we will hold our GENERAL MEETING beginning at 9:30 A.M., at the Lucerne Hotel. This will be followed by cocktails and luncheon at noon, to which the ladies are invited.

We are most appreciative of the time, effort, and expense by the "Miners" on our behalf - certainly no visitors to Expo 67 will be more fortunate - and we hope that YOU will be there to enjoy Canadian Hospitality at its very finest.

PRODUCED

JM - 83

Those who drive their cars to Expo should, in case of an accident in Canada, be able to show proof that they have a minimum coverage of \$35,000 for property damage liability. Your insurance company will furnish you a special yellow card (bi-lingual) on request.



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

MS 005508

MT-004914

ASBESTOS TEXTILE INSTITUTE

Report of Funds

January 10, 1967

Balance on hand at last report, September 9, 1966

General Fund	\$ 4067.89
Savings Fund	19223.26
Petty Cash Fund	<u>76.90</u>

\$23368.05

Receipts

To Savings Fund (Interest)	481.48
To General Fund (Book Sales)	212.98
To General Fund (Fibre Test Man.Acct.)	<u>315.87</u>

1010.33

Total On Hand and Received

\$24378.38

Disbursements

Legal Retainer (3 mos ending 11/30/66)	500.00
Legal Expense " "	206.72
Secretary's salary (5 mos)	598.75
F.I.C.A. Tax (3rd & 4th Qtr 1966)	65.95
Secretary's Travel	330.37
Office Rent (5 mos)	375.00
Accountant (Caruso, yr endg 9/66)	300.00
Exhibit Expense	66.14
Handbook Expense (3rd Edition)	622.45
Printing & Office Supplies	159.84
Stenographic	24.00
Meeting Expense (October 1966)	886.57
Insurance (Adjusted Premium)	5.46
Telephone (4 mos)	157.40
Dues (I.H.F. & A.S.T.M.)	160.00
Petty Cash (Vouchers 267-288 incl.)	<u>86.98</u>

4545.63

Balance on hand as of January 10, 1967

\$ 19832.75

Funds

General Fund (Bank Statement of 1/10/67)	447.64 (*)
Savings Fund	19304.74
Petty Cash Fund	<u>80.37</u>

Total Funds

19832.75

Assets as of January 10, 1967

General Fund	447.64
Savings Fund	19304.74
Petty Cash on Hand	80.37
Accts Receivable (Book Sales)	79.44
Accts " " (Dues for 1967)	9250.00
Postage on hand	6.50
Furniture & Equipment (Nominal Value)	<u>1.00</u>

Total Assets

29169.69

Liabilities (None)

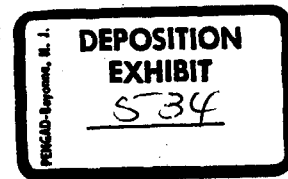
Net Worth

\$ 29169.69

(*) \$400.00 transferred from
Savings to General Fund 1/3/67

Respectfully submitted,

H.E. Sunbury
H.E. Sunbury
Asst. Treasurer



*ASBESTOS
TEXTILE
INSTITUTE*

—FOUNDED 1944—

GENERAL MEETING

PRODUCED
JM - 83

MS 005510

MT-004916

ASBESTOS TEXTILE INSTITUTE

President ----- J.L. Rainey
 Vice President ---- E.A. Schuman
 Treasurer ----- N.L.A. Martucci
 Exec. Sec'y ----- H.E. Sunbury
 Legal Counsel ----- P.Jay Flocken

BOARD OF GOVERNORS

J.L. Rainey, Chairman
 J.A. Brown, Jr., J.A. Gallagher, J.L. Mitchell
 R.P. Clark, E.A. Schuman, G.P. Wiess

AIR HYGIENE & MFG. COMMITTEE

W.C. Atkinson, Chairman
 A.C. Link, K.W. Nelson, C.L. Sheckler
 R.B. Smith, H.H. Walter, L.C. Williams

TECHNICAL COMMITTEE

J.D. McCluer, Chairman
 D.T. Austin, Jr., J.W. Hawkins, G.E. Houghton
 Wm. Maaskant, E.A. Morris, D.F. Quealy

SALES PROMOTION COMMITTEE

E.A. Schuman, Chairman
 J.A. Brown, Jr., J.W. Christenbury, J.L. Rainey
 J.L. Mitchell, R.P. Clark, N.L.A. Martucci
 M.Q. Scowcroft

FIBER TESTING COMMITTEE

J.P. Wronski, Chairman
 I. Barnett, G.F.A. Brink, D.E. Childers
 R. Dodds-Hebron, E.A. Farrell, J.W. Hawkins
 B. Lincoln, T.T. Tigert, L.C. Williams

FIBER COMMITTEE

M.P. Carson, J.D. Christian, N.W. Hendry
 M.J. Messel, W.W. Oughtred, F.P. Smith
 Wm. J.W. Smith

PRODUCED
 JM - 83

MS 005511

MT-004917

ASBESTOS TEXTILE INSTITUTE

GENERAL MEETING

October 6, 1967

Agenda

Call to Order - 9:30 A.M.- J.L. Rainey,
President

Introductions

Minutes of the last meeting

Financial Report - N.L.A. Martucci, Treas.

Legal Counsel Report - P.Jay Flocken

Fibre Producers Report - M.P. Carson (*)

Talk - "Operations Research Techniques"
by: Dr. Clinton H. Whitehurst, Jr.,
Head, Dept. of Industrial Management
Clemson University, Clemson, S.C.

Committee Reports

Air Hygiene & Mfg.- W.C. Atkinson, Chm.
Sales Promotion - E.A. Schuman, Chm.
Technical - J.D. McCluer, Chm.
Fiber Testing - J.P. Wronski, Chm.

Old business

New Business

Cocktails - 12:00 Noon, Luncheon - 12:30 pm

Adjournment

(*) Vice President - Sales, ASBESTOS CORP.
LIMITED

PRODUCED
JM - 83

MS 005512

MT-004918

ASBESTOS TEXTILE INSTITUTE

MEETING SCHEDULE

William Hilton Inn, Hilton Head Island, S.C.

Wednesday, October 4, 1967

Registration

Social Hour - 6:00 P.M. (Ladies invited)

Thursday, October 5, 1967

Committee meetings - 8:00 to 12:00 noon

Thursday afternoon - Recreation

Social Hour - 6:00 P.M. (Ladies invited)

Board of Governors meeting - 9:00 P.M.

Friday, October 6, 1967

GENERAL MEETING - 9:30 A.M.

Cocktails - 12:00 noon (Ladies invited)

Luncheon - 12:30 P.M. (Ladies invited)

Adjournment

PRODUCED
JM - 83

MS 005513

MT-004919

R O S T E R

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

* * * *

AMERICAN ASBESTOS TEXTILE CORP.
Norristown, Pa.

GARLOCK INC.

Palmyra, New York

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

H. K. PORTER CO. INC.

Charlotte 1, N. C.

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

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

SOCIETE ANONYME FRANCAISE DU FERODO
Paris, France

TURNER BROTHERS ASBESTOS CO., LTD.
Rochdale, England

PRODUCED
JM - 83

MS 005514

MT-004920

Minutes

GENERAL MEETING

Asbestos Textile Institute

October 6, 1967

William Hilton Inn, Hilton Head Island, South Carolina

In attendance:

AMERICAN ASBESTOS TEXTILE CORP.

J.L. Rainey
J.W. Christenbury
Wm. Maaskant
G.S. Fabel
H.H. Walter

GARLOCK, INC.

N.L.A. Martucci

JOHNS-MANVILLE CORP.

E.H. Wells
E.A. Schuman
W.C. Atkinson
C.L. Sheckler
W.C. Streib

H.K. PORTER COMPANY, INC.

J.A. Gallagher
J.D. McCluer
D.E. Childers

RAYBESTOS-MANHATTAN, INC.

W.S. Simpson
S.R. Zimmerman, Jr.
J.A. Brown, Jr.
G.F. Ducker
M.W. Oliver
J.W. Hawkins
M.Q. Scowcroft
R.B. Smith
J.P. Wronski

TALLMAN-MC CLUSKEY FABRICS CO.

J.L. Mitchell

UNIROYAL, INC.

R.F. Clark
D.T. Austin, Jr.
H.M. Willingham
S.J. Peele, Jr.
F.C. Phillips
W.L. Wylie

ASBESTOS CORPORATION LIMITED

M.P. Carson
G.F.A. Brink
P.E. Leclerc

BELL ASBESTOS MINES LIMITED

Wm. J.W. Smith
R. Dodds-Hebron

LAKE ASBESTOS OF QUEBEC LTD.

E.A. Farrell
K.W. Nelson

CADWALADER, WICKERSHAM & TAFT

P.Jay Flocken (Legal Counsel)

ASBESTOS TEXTILE INSTITUTE

H.E. Sunbury (Secretary)

U.S. Public Health Service

Dr. L.J. Cralley

***** Minutes *****

1. President Rainey called the meeting to order at 9:40 A.M., and asked each person in attendance to stand and identify himself and his company affiliation. He mentioned that it was particularly gratifying to have the following company officials present at this Annual Meeting: Mr. W.S. Simpson, President - Raybestos-Manhattan, Inc.; Mr. S.R. Zimmerman, Jr., Exec. Vice President, Raybestos-Manhattan, Inc.; Mr. E.H. Wells, Vice President & Gen. Mgr., Johns-Manville Corp.; Mr. W.L. Wylie, Vice President & Gen. Mgr., UNIROYAL, INC. Also welcomed to the meeting were: Geo.S. Fabel, President of A.T.I. in 1949-1950; Dr. L.J. Cralley, U.S. Public Health Service; and F.C. Phillips, Marketing Manager of UNIROYAL, INC.

PRODUCED
JM - 83

MS 005515

MT-004921

2. The minutes of the last meeting were presented for reading. Mr. J.A. Brown, Jr., moved that reading be omitted; seconded by Mr. N.L.A. Martucci. So voted.

3. The Financial Report was presented by Treasurer Martucci. Mr. E.A. Schuman moved that report be accepted; Mr. J.A. Brown, Jr., seconded the motion, and it was so voted. The Report is attached to these minutes.

MS 005516

5. The Fibre Producers Report was given by Mr. M.P. Carson, Vice President - Sales, Asbestos Corporation Limited. He mentioned that slow economic conditions in several countries had adversely affected total shipments of Canadian asbestos fibres in the first eight months of this year - down 8.8% - however, total sales of spinning fibres were up about 1% in that period. Group 4 fibres for use in asbestos-cement products were off, as were spinning fibre sales in Italy, France and Germany. Japan has made a good recovery. The embargo on Rhodesian fibre continues. However, some Rhodesian is reaching markets thru a third country.

6. President Rainey introduced Dr. Clinton H. Whitehurst, Jr., Head-Dept. of Industrial Management, Clemson University, Clemson, S.C., who gave a most interesting talk entitled: "Operations Research Techniques". We were privileged indeed to have the opportunity to hear Dr. Whitehurst, a well-known authority in the field of

PRODUCED
JM - 83

MT-004922

Minutes - General Meeting - continued:

Page -3-

Industrial Management. An abstract of his talk follows:

ABSTRACT

"It is profoundly erroneous truism, repeated by all copy books and by eminent people when they are making speeches, that we should cultivate the habit of thinking of what we are doing. The precise opposite is the case. Civilization advances by extending the number of important operations which we can perform without thinking about them."

The above quotation by Alfred North Whitehead was both an introduction and, in fact, a summary of the address "Operations Research Techniques" delivered by Dr. C.H. Whitehurst of Clemson University before the Asbestos Textile Institute at Hilton Head, South Carolina on October 6, 1967.

In specific terms the address covered in capsule form ten OR techniques that could be utilized in a typical industrial organization. Each technique was illustrated by a simple example designed to show its potential as an aid to management decision making. Included were examples making use of linear programming, Markov processes, econometrics, multiple graphic correlation analysis, input-output models, matrix algebra, industrial dynamics, and a Monte Carlo simulation model. In each case the relevance of the technique to computer programming was emphasized.

The large number of techniques discussed was made possible by distributing handouts to the audience which contained the specific example, relevant technique, and at least one library reference. The handouts together with explanatory illustrations on an easel board was successful in imparting the potential for OR analysis in a firm's operations.

7. Jack Christian, President of Cassiar Asbestos Corporation Ltd., wrote the Secretary prior to this meeting that neither he nor Tom Tiggert would be able to attend due to the fact that their new Clinton mine, at Clinton Creek, B.C., was due to start production and they would be busy there. President Rainey asked Mr. Wm.J.W. Smith, Bell Asbestos Mines Limited, sales representatives for Cassiar, to tell us something about the new mine.

Mr. Smith said the Clinton Mine is 600 to 700 miles north of the present Cassiar mine, close to the border of Alaska. Problem of transporting fibre is somewhat similar to shipments from Cassiar. The type of fibre from the Clinton Mine is generally similar to Cassiar fibre, but there could be some considerable differences. There are both long and short fibres - but Clinton will produce primarily #4 Group fibres, and a secondary grade will be Group 5. Because yield from ore is never precisely known in advance, Mr. Smith stated that perhaps grades may be produced, other than those presently anticipated.

MS 005517

PRODUCED
JM - 83

MT-004923

Minutes - General Meeting - continued:

Page -4-

8. The committee reports were given by the respective chairmen as listed below:

Air Hygiene & Manufacturing Committee - W.C. Atkinson, Chm.
 Sales Promotion Committee - E.A. Schuman, Chm.
 Technical Committee - J.D. McCluer, Chm.
 Fiber Testing Committee - J.P. Wronski, Chm.

The full text of their reports is attached to these minutes.

9. All four of the committee chairmen have now completed the normal two years service, and President Rainey expressed sincere appreciation on behalf of the Board of Governors and Members of the Institute for the faithful and efficient performance of their duties. A review of the minutes for the past two years gives abundant proof of the great amount of work done by each committee under their capable leadership.

10. Mr. J.A. Brown, Jr., Chairman of the nominating committee, reported that the members of the Board of Governors for the coming year would be:

J.A. Brown, Jr. - Raybestos-Manhattan, Inc.
 E.A. Schuman, - Johns-Manville Corporation
 J.L. Rainey - American Asbestos Textile Corp.
 J.A. Gallagher - H.K. Porter Company, Inc.
 J.L. Mitchell - Tallman-McCluskey Fabrics Co.
 G.P. Wiess - GARLOCK INC.
 R.P. Clark - Uniroyal, Inc.

11. Mr. J.A. Brown, Jr., informed the members that the Board of Governors had met on October 5, 1967, and re-elected incumbent officers to serve for another year, namely: President - J.L. Rainey
 Vice President - E.A. Schuman
 Treasurer - N.L.A. Martucci

12. President Rainey announced that the Board of Governors had appointed new committee chairmen as listed below:

Air Hygiene & Manufacturing - H.E. Walter, American Asb. Tex. Corp.
 Sales Promotion - M.Q. Scowcroft, Raybestos-Manhattan, Inc.
 Technical - J.W. Hawkins, Raybestos-Manhattan, Inc.
 Fiber Testing - G.F.A. Brink, Asbestos Corporation Ltd.

13. President Rainey informed the members that the application of HILADOS Y TEJIDOS DE ASBESTO, S.A., Toluca, Mexico, for Associate Membership in A.T.I. had been approved by the Board of Governors. This fine company is a leading manufacturer of asbestos textiles as well as other asbestos products, in Mexico. We are very pleased to welcome them as a new member of the Institute.

14. The next General Meeting of the Institute will be held at the Hotel Roosevelt, New York City, on February 8th and 9th, 1968. Registration is on February 7th. We anticipate an interesting meeting.

PRODUCED
 JM - 83

MS 005518

MT-004924

Minutes - General Meeting - continued:

Page -5-

15. There being no further business to come before the meeting, it recessed for luncheon to which wives of members had been invited. There were approximately thirty ladies present, making the luncheon a most enjoyable affair. There was a great deal of favorable comment on the choice of the William Hilton Inn as location for this meeting, and many expressed the hope that we could return for some future meeting. Following luncheon the meeting adjourned.

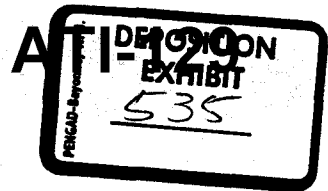
Respectfully submitted,

H.E. Sunbury
H.E. Sunbury
Secretary

MS 005519

PRODUCED
JM - 83

MT-004925



ASBESTOS TEXTILE INSTITUTE

Report of Funds

September 11, 1967

Balance On Hand at Last Report (May 8, 1967)

General Fund	\$ 5924.20	
Savings Fund	19589.74	
Petty Cash Fund	4.93	
		\$25518.87

Receipts

To Savings Fund (Interest)	218.60	
To General Fund (Handbook Acct.)	3218.01	
To General Fund (Book Sales)	151.47	
To General Fund (1967 Dues)	500.00	
		4088.08
Total On Hand and Received		\$ 29606.95

Disbursements

Legal Retainer (6 mos. ending 8/31/67)	1000.00	
Legal expenses (" " " ")	161.64	
Secretary's salary (4 mos.)	478.00	
F.I.C.A. Tax (2nd Qtr, 1967)	33.00	
Secretary's travel	160.00	
Office rent (4 mos.)	300.00	
Revision of ASTM Specs. (Travel Exp.)	312.14	
Printing & Office supplies	193.63	
Stenographic expense	20.00	
Meeting expense (June 1967)	1018.60	
Telephone (4 mos.)	182.63	
Handbook Exp. (Copyright)	6.00	
Petty Cash (Vouchers 310-327 incl.)	61.23	
		3926.87
Balance On Hand Sept. 11, 1967		\$ 25680.08

Funds

General Fund (Bank Statement of 9/11/67)	\$ 832.97	
Savings Fund (Interest to June 30, 1967)	24808.34 (*)	
Petty Cash Fund	38.77	
Total Funds		\$ 25680.08

Assets as of Sept. 11, 1967

General Fund	\$ 832.97	
Savings Fund	24808.34	
Petty Cash Fund	38.77	
Accts Receivable (Book Sales)	31.71	
Postage on hand	3.49	
Furniture & Equipment (Nominal Value)	1.00	
Total Assets		\$ 25716.28

Liabilities (None)

Net Worth		\$ 25716.28
-----------	--	-------------

(*) \$5000.00 transferred from General to Savings Fund on May 29, 1967.

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

PRODUCED
JM - 83

MS 005520

MT-004926

Minutes

ASBESTOS TEXTILE INSTITUTE
Air Hygiene and Manufacturing Committee
October 5, 1967
William Hilton Inn
Hilton Head Island, S. C.

Attended:

Members: W.C. Atkinson, Chairman - Johns-Manville Products, Corp.
C.L. Sheckler - " " " "
R.D. Smith - Raybestos-Manhattan, Inc.
J.A. Gallagher - H.K. Porter, Inc.
H. Willingham - Uni-Royal, Inc.
H. Walter - American Asbestos Textile Corp.
K.W. Nelson - American Smelting & Refining

Absent: T.D. McCluskey - Tallman McCluskey Fabrics Co.
L. Garrison - Garlock, Inc.
A.C. Link - Uni-Royal, Inc.
L.C. Williams - Raybestos-Manhattan, Inc.

Visitors: Dr. L.J. Cralley - U.S. Dept. of Health, Education & Welfare

Bausch & Lomb Automatic Dust Counter

The Chairman reported that the order for the 40-2 Automatic Dust Counter had been placed including auxiliary equipment. The order was as follows:

1 - #379940-2 Dust Counter	- \$3,985.00
1 - #370106-31 VOM-5 Recorder	- 675.00
1 - Plastic dust cover for VOM-5 Recorder	- 5.50
1 - 37-00-7643 VOM Recorder Carrying Case	- 25.00
10 - Rolls of chart papers recommended by B&L suitable for industrial dust counting in M.P.P.C.F.	
2 - Sets of printed operating instructions	

Delivery was requested to be in person by a B&L representative to W.C. Atkinson at Johns-Manville Products Corp., in Manville, N.J. Delivery is expected some time in December. In the event W.C. Atkinson is not available, Mr. C.L. Sheckler will accept delivery.

Upon delivery Mr. Sheckler will arrange to have his chief technician checked out on the instrument and at the February meeting he will instruct the other members in its use.

Federal Legislation

C.L. Sheckler discussed a bill introduced by N.J. Congressman Edward Patten which would give the U.S. Dept. of Health, Education and Welfare the power to "establish and enforce realistic standards to protect the worker by insuring safer working conditions and the public by producing safer materials". The bill has not yet been passed and there is some question whether it will be passed as written.

PRODUCED

JM - 83

MS 005521

MT-004927

-2-

Federal Legislation - Continued

A number of newspaper articles regarding claims against one member company were discussed.

Environmental Health Survey

Dr. Lewis J. Cralley discussed a paper on "Exposure to Metal in the Manufacture of Asbestos Textile Products" by L.J. Cralley, R.G. Keenan and J.R. Lynch, which was accepted for publication in the Journal of American Hygiene.

The paper deals with the potential exposures of workers processing asbestos to hazardous materials other than asbestos. Investigation was undertaken to define the nature and extent of exposure to metals such as nickel, chromium, cobalt and magnesium in the manufacture of asbestos textile products.

It was concluded that the relationship between these metal exposures and the increased pulmonary and other cancer observed in asbestos workers should be investigated and, that it is no longer tenable to look only for asbestos fibers or bodies in the biological tissue and by their presence assume a cause and effect relationship with the disease.

It was announced that there will be a meeting in Antigua during the week of Thanksgiving Day, sponsored by the Q.M.A. and by special invitation. The purpose of the meeting is to discuss toxic materials, namely asbestos, and the effects of exposure.

Dr. Cralley discussed plans for obtaining additional information needed to continue the Environmental Health Survey such as health profiles and employment records, and he stated that the cooperation of the members of the industry would be needed.

It was the consensus of the Committee that the program and information is desirable and necessary and recommends to the Board of Governors that the A.T.I. continue to cooperate with the U.S.P.H.S. in continuing the clinical and environmental studies.

Miscellaneous

One company reported that after 14 years of service a set of dust bags made of cotton sateen was still in good condition.

Another company is experimenting with a totally enclosed carding machine to eliminate human exposure to dust.

The possibility of exchange visits among representatives of member companies for the purpose of cooperative advancement in dust control was discussed.

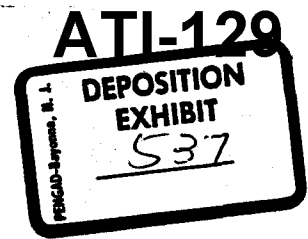
MS 005522

W.C. ATKINSON, Chairman

PRODUCED
JM - 83

MT-004928

2



SALES PROMOTION COMMITTEE MEETING
ASBESTOS TEXTILE INSTITUTE

October 5, 1967

At WILLIAM HILTON INN, HILTON HEAD ISLAND, S.C.

Attending our meeting were Messrs. J.L. Rainey and J.W. Christenbury of American Asbestos Textile Corp., N.L.A. Martucci of Garlock, Inc., J.A. Brown, Jr., M.Q. Scowcroft and S.R. Zimmerman of Raybestos-Manhattan, Inc., J.L. Mitchell of Tallman-McCluskey Fabrics Co., R.P. Clark and S.J. Peele, Jr., of UNIROYAL, INC., P.Jay Flocken (legal counsel), H.E. Sunbury (secretary), and E.A. Schuman of Johns-Manville.

The four display cabinets are currently on exhibit at Stevens Institute at Hoboken, N.J. Mr. Sunbury and myself examined the cabinets and found they were in need of refurbishing. The Committee voted unanimously to retire the cabinets as they are 10 years old and have served the original purpose. It was voted that we offer the cabinets to our Canadian miners.

We had the Edward W. Robotham Co. submit a proposal to the A.T.I. on promoting asbestos textiles by A.T.I. magazine advertising coupled with mailed promotional literature. Preliminary ads were presented and created much interest. The Committee felt that tentatively a segment of the presentation may have merit and should be pursued. The cost for this program would run approximately \$18,000 a year. A tentative meeting was set for November with Mr. Robotham, but this was later postponed and the whole matter taken under further advisement.

It was reported that asbestos textile volume still comes in from Japan and this competition is felt to a small degree throughout the United States. The cloth prices quoted for Japanese material is in the low 70¢ lb. area.

The members of the Committee were not pleased with the U.S. Government's policy of ordering asbestos cloth. It is possible for the successful bidder to be required to supply double the quantity he bid on and to supply this material by specified time periods. On the other hand, there is no assurance that the Government at the end of the contract period will take the balance of the cloth inventory that was kept on hand to satisfy the requirements of the contract. Mr. Flocken, our legal counsel, suggested that we give him full details with specific orders and he would pursue this through his Washington office.

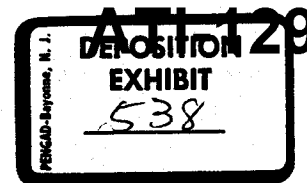
E.A. Schuman
Chairman

EAS/p

MS 005523

PRODUCED
JM - 83

MT-004929



MINUTES: Asbestos Textile Institute
Technical Committee Report
October 5, 1967

The meeting was held at William Hilton Inn, Hilton Head Island, South Carolina

IN ATTENDANCE: J. W. Hawkins - Raybestos-Manhattan, Inc.
William Maaskant - American Asbestos Company
D. T. Austin - UniRoyal, Inc.
J. D. McCluer - H. K. Porter Company, Inc.
H. E. Sunbury - Asbestos Textile Institute

The Minutes of the meeting in Atlanta on August 17th. & 18th. at Marriott Motor Hotel are combined with the current meeting.

ATTENDANCE AT ATLANTA MEETING:

J. W. Hawkins - Raybestos-Manhattan, Inc.
D. T. Austin - UniRoyal, Inc.
W. Maaskant - American Asbestos Company
G. E. Houghton - Garlock, Inc.
J. D. McCluer - H. K. Porter Company, Inc.
P. J. Smith - ASTM
H. E. Sunbury - A. T. I.

SUBJECTS DISCUSSED:

Revision of ASTM Specifications D 299, D 375, and D 1061

At the Atlanta meeting D 299 was revised as the 8th. Draft dated August 17, 1967 and D 375 was revised as the 3rd. Draft dated August 17, 1967. These two were consequently sent to Paul Nicodemus (25 copies of each draft) for letter ballot and to Dr. Scroggie (7 copies of each draft) for editorial comments. During the interim a reply from Dr. Scroggie accepted these two drafts as written with very minor changes and he said the two drafts would be acceptable for printing with the changes he suggested. To gain time, a letter ballot was circulated to all members of the committee with the response that Dr. Scroggie suggestions would be acceptable. Without redrafting, these changes were retyped in the margins of the sheets and resent to Paul Nicodemus and Dr. Scroggie. For all practical purposes this finalizes these two specifications.

Also at the Atlanta meeting, D 1061 was revised as the 1st. Draft dated August 18, 1967. This draft was circulated to members only for possible discrepancies.

At the current meeting, the committee confirmed acceptance of all the changes suggested by Dr. Scroggie in D 299 and D 375.

D 1061 was reviewed and no sufficient changes made. Decision was made to send Paul Nicodemus a copy of this draft for his views prior to sending to Dr. Scroggie.

MS 005524

- 1 -

PRODUCED
JM - 83

MT-004930

At the Atlanta meeting federal specifications Mil-1-15349c and SS-C-466f were revised in the light of current industry practice, both editorially and in the dimensions and weights tables. Copies of these revisions were circulated to members only for possible discrepancies.

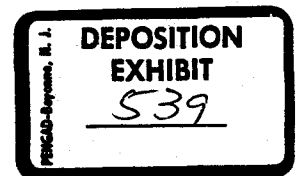
At the current meeting, these two specifications were discussed again with further changes and decision was made to send revised copies to the appropriate government agencies, with a list of suggested changes in addition to the corrected draft. Copies of all ASTM specifications referred to in the drafts are to be enclosed for the benefit of the agencies.

The revised drafts with suggested changes on the two above specifications will be sent to H. E. Sunbury for him to submit to the appropriate government agencies with the statement that these drafts supersede all prior recommendations sent in by individual companies.

In conclusion, the committee, during the past two years, has completed revisions on specifications D 1571 - Cloth, D 315 - Tape, D 2100 - Electrical Insulation, D 1918 - Asbestos Content, D 299 - Yarn, D 375 - Roving, and partially completed revision of D 1061 - Lap. The specifications yet to be revised are: D 628 - Braided Tubing, D 1118 - Magnetic Rating, and D 1573 - Heat Ageing.

J. D. McCluer
Chairman of the Technical Committee

MS 005525
PRODUCED
JM - 83



Minutes: FIBER TESTING COMMITTEE
 October 5-6, 1967
 William Hilton Inn,
 Hilton Head Island, S.C.

Attending:

G.F.A. Brink
 D.E. Childers
 R. Dodds-Hebron
 E.A. Farrell
 W.C. Streib
 J. Wronski

Asbestos Corp., Ltd.
 H.K. Porter, Inc.
 Bell Asbestos Mines, Ltd.
 Lake Asbestos of Quebec, Ltd.
 Johns-Manville Corp.
 Raybestos-Manhattan, Inc.

Subjects Discussed

1. The Committee discussed the results of the round-robin magnetic rating tests. Ten companies participated in the tests.

Analysis of the test data led to the following tentative conclusions:

- a) Magnetic rating values obtained by either the Mapes Analyzer or the Turner-Newall equipment are not significantly different for fiber samples containing magnetite in the range of 0.3 to 6.0 magnetic rating.
- b) Magnetic rating values obtained on either the Mapes or T-N units are not significantly altered by the presence of metal in the immediate vicinity of the equipment provided the units are properly zeroed prior to test and the units are not moved from their locations after zeroing.
- c) Readings on either the Mapes or T-N units are not significantly changed when the test sample is rotated in the unit.
- d) Mapes or T-N magnetic rating values reported on fiber samples in the 0.3 - 6.0 M.R. range will probably vary by about $\pm 20\%$ between laboratories.

PRODUCED
 JM - 83

MS 005526

MT-004932

Some of the laboratories want to re-check their values in the round-robin. As soon as this is completed more positive conclusions can be reached.

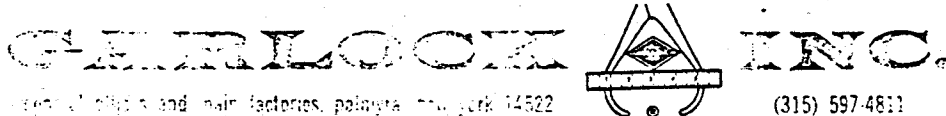
2. The Committee agreed to request approval from the Board of Governors to allow the QAMA to set up a schedule of charges on requests for working drawings of test equipment described in the Test Manual. These drawings were prepared by the QAMA at appreciable cost in time and money. Their dissemination to applicants also takes time and money. The actual charges agreed upon by QAMA would then be submitted to the Board of Governors for final approval.

Respectfully submitted,

J. Wronski

MS 005527

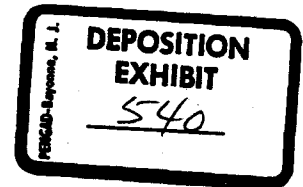
PRODUCED
JM - 83



(315) 597-4811

September 21, 1967

Mr. J. L. Rainey, President
Asbestos Textile Institute
c/o American Asbestos Textile Corp.
P. O. Box 228
Norristown, Pa. 19404



Dear Mr. Rainey:

The report of funds and balance sheet of Asbestos Textile Institute at September 11, 1967 and the corresponding activity for the fiscal year were examined.

Bank balances as shown on the statement were reconciled with bank records.

In my opinion, the attached statement represents the financial position of the Institute on September 11, 1967.

Please note, your executive secretary, Mr. E. E. Sunbury, has done an excellent job in presenting the records for audit. The records are being returned to Mr. Sunbury's attention, under separate cover.

Very truly yours,

GARLOCK INC.

A handwritten signature in dark ink, appearing to read "J D Smith".

James D. Smith

JDS/lb

Attachment

cc: Mr. H. L. A. Martucci
Garlock Inc.
Palmyra, N. Y. 14522

Mr. E. E. Sunbury
75 Center St.
Pompton Lakes, N. J. 07442

MS 005528

PRODUCED
JM - 83

ASBESTOS TEXTILE INSTITUTE

Report of Funds

September 11, 1967

Balance On Hand at Last Report (May 8, 1967)

General Fund	\$ 5924.20	
Savings Fund	19589.74	
Petty Cash Fund	4.93	
		\$25518.87

Receipts

To Savings Fund (Interest)	218.60	
To General Fund (Handbook Acct.)	3218.01	
To General Fund (Book Sales)	151.47	
To General Fund (1967 Dues)	500.00	
		4088.08

Total On Hand and Received \$ 29606.95

Disbursements

Legal Retainer (6 mos. ending 8/31/67)	1000.00
Legal expenses (" " " ")	161.64
Secretary's salary (4 mos.)	478.00
F.I.C.A. Tax (2nd Qtr, 1967)	33.00
Secretary's travel	160.00
Office rent (4 mos.)	300.00
Revision of ASTM Specs. (Travel Exp.)	312.14
Printing & Office supplies	193.63
Stenographic expense	20.00
Meeting expense (June 1967)	1018.60
Telephone (4 mos.)	182.63
Handbook Exp. (Copyright)	6.00
Petty Cash (Vouchers 310-327 incl.)	61.23

3926.87

Balance On Hand Sept. 11, 1967 \$ 25680.08

Funds

General Fund (Bank Statement of 9/11/67)	\$ 832.97
Savings Fund (Interest to June 30, 1967)	24808.34 (*)
Petty Cash Fund	38.77

Total Funds \$ 25680.08

Assets as of Sept. 11, 1967

General Fund	\$ 832.97
Savings Fund	24808.34
Petty Cash Fund	38.77
Accts Receivable (Book Sales)	31.71
Postage on hand	3.49
Furniture & Equipment (Nominal Value)	1.00

Total Assets \$ 25716.28

Liabilities (None)

Net Worth \$ 25716.28

(*) \$5000.00 transferred from General to Savings Fund on May 29, 1967.

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

MS 005529

ASBESTOS TEXTILE INSTITUTE

Budget for 1968

Item	1967 Budget	Disbursements 12 months ending 9/11/67	Proposed (*) Budget for 1968
Secretary's Salary	\$ 1437.00	\$ 1554.75 (*)	\$ 1434.00
F.I.C.A. Tax	126.00	130.45	132.00
Secretary's travel	450.00	620.57	500.00
Office rent	900.00	975.00 (*)	900.00
Legal Retainer	2000.00	2000.00	2000.00
C.P.A. (Caruso)	300.00	300.00	300.00
Legal Travel & other expense	250.00	394.16	300.00
Meeting Expense (3 meetings)	2000.00	2709.16	2700.00
Exhibit expense	400.00	106.38	300.00
Handbook expense (3rd Ed.)	600.00	7680.43	-----
Revision of ASTM Specs.	250.00	312.14	300.00
Insurance	-----	5.46	-----
ASTM and I.R.F. dues	135.00	160.00	135.00
Office expense	1200.00	1328.40	1300.00
Incidentals	200.00	-----	200.00
B. & L. Dust Counting Equipmt	-----	-----	4814.00
Totals	\$ 10248.00	\$ 18276.90	\$ 15315.00

Credit: Payments from members for
 Fibre Test Manuals and ----- 9861.60
 3rd Edition Handbooks
 \$ 8415.30

Source of funds to meet 1968 Budget

Dues, Class "A" members	---- 5 @ \$ 1000.00	-----	\$ 5000.00
" " "B" members	---- 2 @ 500.00	-----	1000.00
" " "C" "	---- 4 @ 500.00	-----	2000.00
" " "D" "	---- 4 @ 250.00	-----	1000.00(**)
Book Sales to non-members (\$492.25 in last 12 months)	--		250.00Est.
Interest on Savings Fund (\$985.08 in last 12 months)	--		750.00Est.
By transfer from Savings Fund	-----		5315.00
Total			\$ 15315.00

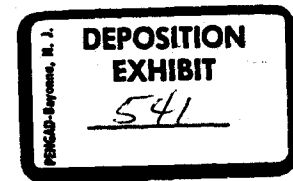
(*) 13 months

(**) Includes new associate member, Hilados Y Tejidos de Asbesto, S.A.

(*) APPROVED BY B. OF GOV. - 10/5/67

MS 005530

MT-004936



About the Speaker:

Dr. Clinton H. Whitehurst, Jr., is Professor and Head, Department of Industrial Management, Clemson University, Clemson, S.C.

He holds a B.S. degree in Political Science from Florida State University (1957); an L.L.B. in Law from LaSalle Extension University (1957); an M.A. in Economics from Florida State University (1958); and a Ph.D. from University of Virginia (1962)

Dr. Whitehurst is a member of the American Institute of Industrial Engineers, Southern Economic Association, American Economic Association, South Carolina Academy of Science, U.S. Naval Institute, American Association for the Advancement of Science, Econometric Society, and Pi Sigma Alpha (National Political Science Honorary)

His field of specialization includes "Regional Analysis" and "Quantitative Economic Analysis". Courses taught are; Economics of Transportation; Theory of Industrial Location; Introduction to Econometrics; Location of Economic Activity; Managerial Economics; Systems Analysis; and Quantitative Economic Analysis.

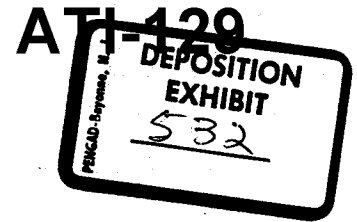
Published articles by Dr. Whitehurst are very numerous, the most recent entitled "Administration and Technical Competence" appeared in the June 1967 issue of the Journal of Industrial Engineering.

Dr. Whitehurst was born in Richmond, Va., in 1927. He is married, has two children, and resides at Pike Rd., Box 47, Clemson, S.C.

MS 005531

PRODUCED
JM - 83

MT-004937



Agenda

BOARD OF GOVERNOR'S MEETING

October 5, 1967

William Hilton Inn, Hilton Head Island, South Carolina

Call to Order - John L. Rainey, Chairman

Accreditation of those in attendance

Minutes of the last meeting

Financial Report - N.L.A. Martucci, Treasurer

Report of Nominating Committee - John A. Brown, Jr., Chairman

Election of Officers

Appointment of Chairmen of Working Committees

- (A) Air Hygiene & Mfg. Committee
- (B) Sales Promotion Committee
- (C) Technical Committee
- (D) Fiber Testing Committee

Application for Associate Membership - Hilados Y Tejidos de Asbesto S.A.

A.T.I. Budget for 1968

Bausch & Lomb Dust Counting Equipment

- (a) Insurance on equipment
- (b) Responsibility for repairs, if and when needed
- (c) Schedule of rotation between members for use of equipment
- (d) Method of transportation of equipment between members

Planned publicity program for A.T.I. - E.A. Schuman

Dr. L.J. Cralley - Report on current activities, Environmental Health Study

Proposed establishment of a scholarship fund by A.T.I.

Speaker for the February 1968 meeting

Approval of reservations made for A.T.I. meetings in 1968

February 8-9th, Hotel Roosevelt, New York City

June 6-7th, ~~Cherry Hill Inn, Cherry Hill, N.J.~~ Atlanta, Ga

October 3-4th, Hotel Hershey, Hershey, Pa.

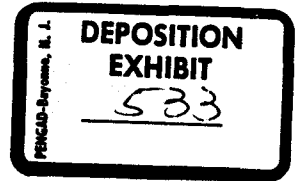
Other business

Adjournment

PRODUCED
JM - 83

MS 005532

MT-004938



Minutes

BOARD OF GOVERNOR'S MEETING

October 5, 1967

The William Hilton Inn, Hilton Head Island, S.C.

In attendance:

J.L. Rainey - American Asbestos Textile Corporation
 E.A. Schuman - Johns-Manville Corporation
 J.A. Brown, Jr. - Raybestos-Manhattan, Inc.
 J.L. Mitchell - Tallman-McCluskey Fabrics Company
 J.A. Gallagher - H.K. Porter Company, Inc.
 N.L.A. Martucci - Garlock, Inc. (Substituting for G.P. Wiess)
 R.P. Clark - Uniroyal, Inc.
 P.Jay Flocken - Legal Counsel
 H.E. Sunbury - Secretary

Guests: W.S. Simpson, President - Raybestos-Manhattan, Inc.
 S.R. Zimmerman, Exec.Vice Pres., Raybestos-Manhattan, Inc.
 E.H. Wells, Vice President & Gen.Mgr., Johns-Manville Corp.
 W.L. Wylie, Vice President & Gen.Mgr., Uniroyal, Inc.
 Dr. L.J. Cralley, U.S. Public Health Service
 C.L. Sheckler, Johns-Manville Corp.

***** Minutes *****

1. President Rainey called the meeting to order at 9:45 P.M., and stated that he had received a letter from Mr. G.P. Wiess, Garlock Inc., authorizing Mr. Martucci to represent that company at this meeting.

2. The regular order of business was changed for the convenience of our guests who were invited to hear Dr. L.J. Cralley report on the Environmental Health Study, by the U.S. Public Health Service, that has been underway for several years.

Dr. Cralley is a co-author with Messers. R.G. Keenan and J.R. Lynch, U.S. Department of Health, Education and Welfare, of a paper entitled "Exposure to Metals in the Manufacture of Asbestos Textile Products". This paper has been accepted for publication in Journal of American Industrial Hygiene Association, and preprints were supplied member companies of A.T.I. by Dr. Cralley several weeks prior to this meeting.

Dr. Cralley discussed trace metals exposure in connection with the processing of chrysotile asbestos fibre, pointing out that "sufficient evidence is presented in this study to indicate that the role of metals in the etiology of disease associated with asbestos inhalation should not be ignored. Thus it is no longer tenable to look only for asbestos fibers or bodies in biological tissue and by their presence assume a cause and effect relationship with the disease." (The quote is taken from Abstract of Paper referred to above).

PRODUCED
 JM - 83

MS 005533

MT-004939

Dr. Cralley stressed the need for complete medical record of every worker in our industry, with the objective of establishing over a ten year period (or longer) trends in respect to health, causes of deaths and of longevity; emphasizing that complete information on people we have now is needed to establish a reference point. Wants to cover 100% of the industry - is fearful of delay, as it is possible another governmental agency (Community Health Service(?)) might step into the picture if they see that Dept. of H.E. & W. is not actively at work on the problem.

Dr. Cralley stated that the U.S. Public Health "team" would visit each plant and examine employees, bringing their own mobile equipment, nurses and doctors. Other than the time away from his job while being examined and interviewed, there would be no expense to company or its employees. There was a very lengthy discussion, during the course of which Mr. E.H. Wells, Vice President of Johns-Manville stated that his company would be agreeable for the U.S.P.H. team to examine J/M asbestos workers, and suggested that Dr. Cralley submit detailed proposal in writing as to how he wanted to proceed - a form to fill out - and a plan for carrying out the clinical study.

At this point in the meeting our guests departed, and the regular schedule of business was resumed.

3. The minutes of the last meeting were presented for reading. On motion made by E.A. Schuman, seconded by J.A. Brown, it was voted to omit the reading of the minutes.

4. The Financial Report as of September 11th, 1967, was presented by Treasurer Martucci. E.A. Schuman moved that report be accepted; motion seconded by J.A. Brown, and so voted. The Report is attached to these minutes. Mr. Rainey reported that the annual audit of the Institute's books had been made by Mr. James D. Smith, accountant employed by Garlock, Inc., and that he had a letter from Mr. Smith dated September 21, 1967, stating that the report of Sept. 11, 1967, as presented by Mr. Martucci represented the financial position of the Institute on that date. A copy of the auditor's letter is attached to these minutes.

5. Treasurer Martucci presented a suggested budget for the year 1968 in the amount of \$15,315.00. Mr. J.A. Brown, Jr., moved that the budget, as proposed, be approved. Motion seconded by R.P. Clark. Approval was unanimous. The budget, as approved, is attached to these minutes.

6. Mr. J.A. Brown, Jr., Chairman of the Nominating Committee, reported that he had canvassed the member companies to determine who would represent them on the Board of Governors for the coming year, and the following have been designated by their respective companies:

John A. Brown, Jr., - Raybestos-Manhattan, Inc.
R.P. Clark, - Uniroyal, Inc.
J.A. Gallagher, - H.K. Porter Company, Inc.
J.L. Mitchell, - Tallman-McCluskey Fabrics Company
J.L. Rainey, - American Asbestos Textile Corporation
E.A. Schuman, - Johns-Manville Corporation
G.F. Wiess, - Garlock Inc.

PRODUCED
JM - 83

MS 005534

MT-004940

7. Election of Officers - Mr. Brown, Chairman of Nominating Committee submitted a slate of officers for the coming year, namely:

J.L. Rainey for President
E.A. Schuman for Vice President
N.L.A. Martucci for Treasurer

There being no other nominations for these offices, it was moved by R.P. Clark, and seconded by J.A. Gallagher, that the above slate of officers be duly elected. Agreement was unanimous and it was so voted.

8. Appointment of Chairmen of Working Committees. Mr. Brown, as Chairman of the Nominating Committee, submitted the following recommendations for chairmen of the respective committees:

Air Hygiene & Manufacturing - H.H. Walter, American Asb. Tex. Corp.
Sales Promotion - M.Q. Scowcroft, Raybestos-Manhattan, Inc.
Technical - J.W. Hawkins, Raybestos-Manhattan, Inc.
Fiber Testing - G.F.A. Brink, Asbestos Corporation Limited

It was moved that the above named men be approved. Motion made by R.P. Clark, seconded by J.L. Mitchell. So voted unanimously.

9. President Rainey reported that the Secretary had received an application from the firm of Hilados Y Tejidos De Asbesto, S.A., Toluca, Mexico, for Associate Membership in the Institute. Stated that this concern, an affiliate of his own company, were well qualified, as manufacturers of asbestos textiles, for associate membership and recommended approval of their application. Mr. Brown moved the application be accepted, seconded by Mr. Martucci, so voted unanimously. The Secretary was instructed to notify them of the Board's action.

10. Bausch & Lomb Dust Counting Equipment. This equipment is expected to be delivered on or about December of this year. It will be paid for by the Institute (approx. \$4800.00) and rotated between member companies on a schedule yet to be determined. The matter of insurance on the equipment was discussed briefly, and Mr. E.A. Schuman offered to investigate how this could best be handled, to ensure adequate protection for the Institute.

11. Proposed establishment of a Scholarship Fund. Mr. J.A. Gallagher had made extensive inquiries on this subject since our last meeting, and submitted a very detailed written report covering the information obtained from North Carolina State University and Clemson University in respect to Textile Scholarships. There was a very considerable period of discussion, during which Mr. J.L. Mitchell stated that he was opposed to the idea of giving a scholarship as he was convinced (from his own experience as a recipient of one in his college days) that neither the Institute nor our Industry could expect to benefit by such expenditure. Due to the lateness of the hour, President Rainey said that this subject would be carried forward to the next meeting. He complimented Mr. Gallagher on an extremely fine report.

PRODUCED
JM - 83

Minutes - Board of Governor's Meeting - continued:

Page -4-

12. Speaker for the February 9th General Meeting (1968).

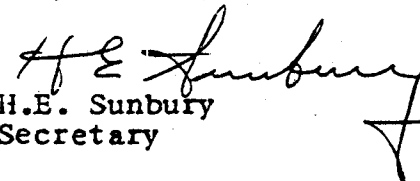
Mr. Schuman said that he would try to arrange for a speaker for that date.

13. President Rainey suggested that the June meeting might better be held in Atlanta, Ga., as the February and October meetings in 1968 are scheduled for New York City and Hershey, Pa., respectively. The Secretary was instructed to try to get accommodations in Atlanta at the new Regency-Hyatt House, for June 6th and 7th, 1968.

14. President Rainey reported that he had received a letter from Staton J. Peele, Jr., expressing his deep appreciation for the wrist watch presented to him by members of the Board of Governors at their June, 1967, meeting.

15. There being no further business to come before the meeting, it was duly adjourned.

Respectfully submitted,


H.E. Sunbury
Secretary

PRODUCED
JM - 83

MS 005536

MT-004942