

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

Attending:

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

Absent:

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

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

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

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

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

10/9/64

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

Published Pamphlet - "Method for Determining Asbestos Dust Concentrations"

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

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

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

Dust Monitoring Equipment

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

Quality Control Systems under MIL-C-9852 A.

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

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

General Discussion

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

Review of Committee Activities for Past Year

Meeting - June 6, 1963

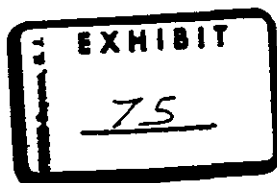
1. Draft submitted on Institute approved dust counting method.
2. Asbestos Related Lung Cancer Study - Dr. Selikoff's study on 1500 asbestos workers largely on the asbestos insulation applications.
3. Open forum to introduce Dr. Cralley and the start of the U. S. Public Health Survey.

Meeting - October 4, 1963

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

Meeting - February 7, 1964

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



TWENTIETH ANNIVERSARY CELEBRATION

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

In Attendance:

AMERICAN ASBESTOS TEXTILE CORP.

J.L. Rainey
J.W. Christenbury
Wm. Maaskant
D.P. Quealy
R.H. Valtor

ASBESTOS CORPORATION, LTD

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

BELL ASBESTOS MINES, LTD.

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

CASSIAR ASBESTOS CORP.

J.D. Christian
T.T. Tigert

JOHNS-MANVILLE CORP.

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

LAKE ASBESTOS OF QUEBEC, LTD.

E.A. Farrell

CADWALADER, WICKERSHAM & TAFT

G.D. Roycraft (Legal Counsel)

E.K. PORTER COMPANY, Inc.

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

RAYBESTOS-MANHATTAN, INC.

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

TALLMAN-McCLUSKEY FAB. CO.

Ted D. McCluskey

TURNER & NEWALL, LTD.

Bernard Lincoln

TURNER BROS. ASBESTOS CO. LTD

W.M. Deckman

U.S. RUBBER COMPANY

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

ASBESTOS TEXTILE INSTITUTE

H.E. Sunbury

-- GUESTS --

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

J.F.D. Rohrbach - President, Raybestos-Manhattan, Inc.
C.R. Carlough - President of A.T.I. 1945-1946, Charlotte, N.C.
G.S. Fabel - President of A.T.I. 1949-1950, American Asb. Tex. Corp.
J.G. Schoepf - Treasurer of A.T.I. 1955-1957, Asten-Hill Mfg. Co.
A.E. Whitfield - Treasurer of A.T.I. 1961-1962, American Asb. Tex. Corp.
M.C. Shaw - Exec. Sec'y of A.T.I. 1948-1963, Certaineed Products Co.
P.T. Gatke - President, Asbestos Textile Company, Chicago, Ill.
E.H. Wells - Vice Pres, Johns-Manville Sales Corp., N.Y. City
Dr. L.J. Cralley, U.S. Public Health Service, Cincinnati, Ohio
Dr. J.E. Wolfstie - Medical Director, U.S. Rubber Co., New York City

Guests - continued

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

Total attendance - 63

Minutes of the Meeting

1. This, our Twentieth Anniversary Celebration Meeting was called to order by President Peele with remarks suitable to the occasion. Each person was asked to stand and identify himself and his company affiliation.

2. The minutes of the last meeting were presented for reading however, since all members had received copies prior to this meeting it was moved by Mr. J.A. Bettes, Jr., to dispense with the reading. The motion was seconded by Mr. J.T. Griffis, and agreement was unanimous.

3. The Financial Report was presented by Treasurer J.A. Brown, Jr., who stated that the annual audit of the Institute's books, for the year ending September 9, 1964, had been made by Mr. C.W. Briggs, of Raybestos-Manhattan's accounting department, and that Mr. Briggs had written to President Peele stating that the report as presented at this meeting "Presents fairly the financial position of the Institute on September 9, 1964." Mr. W.S. Hough moved to accept the Treasurer's Report, seconded by Mr. I. Barnett, and agreement was unanimous. The report is made a part of these minutes.

4. The next part of the meeting was devoted to reports by the Chairmen of the working committees, namely: Mr. L.C. Williams for the Air Hygiene & Mfg. Committee; Mr. J.T. Christenbury for the Sales Promotion Committee; Mr. Wm. Maaskant for the Technical Committee, and Mr. I. Barnett for the Fiber Testing Committee.

Included in their remarks was a review of the work done in the last year, projects currently worked on, and future objectives. Their formal reports are attached to these minutes.

5. Mr. Geo. F. Jenkins, Senior Vice President, Asbestos Corporation, presented the report for the Fiber Committee. This was a most comprehensive review of world conditions in respect to the production, market conditions, and potential supplies of asbestos fibre. Our members were highly appreciative for the opportunity to hear Mr. Jenkins, as he is eminently qualified to speak on the subject of asbestos fibre and its world markets.

6. Mr. Geo.D. Reycraft, Legal Counsel, spoke on the Robinson-Patman Act. The question of "what to do to meet a competitive price with one customer (or area) and not discriminate against others" was discussed in a most interesting talk. Another subject brought up by Mr. Reycraft was the Civil Rights Act of 1964. He pointed out that this Act was going to affect business very widely. Involved are: Voting Rights; Public Accommodations; Desegregation of Public and Facilities and Public Education; Commission on Civil Rights, and Equal Employment Opportunities. A treatise on this subject by the National Association of Manufacturers was recommended for reading. A paper entitled "Civil Rights Act of 1964" by Mr. Reycraft is attached to these minutes.

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

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

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

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

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

9. President Peele then introduced the new officers.

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

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

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

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

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

13. President Peale announced the next meeting would be held on February 28-18, 1964, at the Carolina Hotel, Pinehurst, N.C. The Carolina is rated as one of the country's finest resort hotels, and Pinehurst itself has been nicknamed "Golf Town, U.S.A." It is adjacent to five 18 hole golf courses, and has two 18 hole driving ranges, and a driving range. Other recreational activities such as sheet shooting, tennis, horseback riding, etc., are also available, and it is hoped that our attendance at this meeting will be large.

14. The Social Hour and luncheon following the meeting was most enjoyable. A photographer took pictures of the newly elected officers, also a group of six former presidents of A.T.I., namely Eugene Carbaugh, Abel, Peale, Hough, Driffis, and Bettes.

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

16. Thereafter, the meeting adjourned.

Respectfully submitted,

[Signature]
V.S. Hough
Asst. Secretary

[Signature]
President



MINUTES

SALES PROMOTION COMMITTEE

October 8, 1964

IN ATTENDANCE:

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

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

Respectfully submitted,

J.W. Christenbury

J. W. Christenbury, Chairman
Sales Promotion Committee

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

ATTENDING

J.D. McCluer
M.W. Oliver
O.J. Sligh
D.F. Quesly
H.E. Sunbury
W. Maaskant

Subjects Discussed

1. Federal Specifications - Class 5330

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

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

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

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

* Plus or minus 1% to be included.

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

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

In attendance:

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

Review of Tests Under Development or Revision

1. Magnetic Rating Tests

a. Magnetic Force Method - Raybestos-Manhattan

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

b. Standard ASTM Method (Mapes) - QAMA

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

c. Modified Mapes - Turner and Newall

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

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

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

2

2. Buter-Webb Comb Test - Cassiar

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

3. Frictional Properties - Johns-Manville

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

Report on ASTM High Modulus and Inorganic Fiber Committee

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

Plans for Revising the Manual of Test Procedures

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

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

Respectfully submitted,

Irvin Barnett, Chairman

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

Attending:

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

Absent:

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

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

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

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

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

10/1/64

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

Published Pamphlet - "Method for Determining Asbestos Dust Concentrations"

A summary for the period July 1 thru September 30, 1964, shows 27 copies sold and 163 copies given away for publicity. We received letters of appreciation from four companies for the complimentary copy.

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

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

Dust Monitoring Equipment

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

Quality Control Systems under HPL-C-985E A.

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

10/1/64

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

General Discussion

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

Review of Committee Activities for Past Year

Meeting - June 6, 1963

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

Meeting - October 4, 1963

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

Meeting - February 7, 1964

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

EXHIBIT

75

TWENTIETH ANNIVERSARY CELEBRATION

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

In Attendance:

AMERICAN ASBESTOS TEXTILE CORP.

J.L. Rainey
J.W. Christenbury
Wm. Maaskant
D.P. Quealy
R.H. Valter

ASBESTOS CORPORATION, LTD

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

BENL ASBESTOS MINES, LTD.

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

CASSIAR ASBESTOS CORP.

J.D. Christian
T.T. Tigert

JOHNS-MANVILLE CORP.

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

LAKE ASBESTOS OF QUEBEC, LTD.

E.A. Farrell

CADWALADER, WICKERSHAM & TAFT

G.D. Keycraft (Legal Counsel)

H.K. PORTER COMPANY, Inc.

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

RAYBESTOS-MANHATTAN, INC.

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

TALLMAN-McCLUSKEY FAB. CO.

Ted D. McCluskey

TURNER & NEWALL, LTD.

Bernard Lincoln

TURNER BROS. ASBESTOS CO. LTD

W.M. Deckman

U.S. RUBBER COMPANY

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

ASBESTOS TEXTILE INSTITUTE

H.E. Sunbury

-- GUESTS --

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

J.F.D. Rohrbach - President, Raybestos-Manhattan, Inc.
C.H. Carlough - President of A.T.I. 1945-1946, Charlotte, N.C.
G.S. Fabel - President of A.T.I. 1949-1950, American Asb. Tex. Corp.
J.G. Schoepf - Treasurer of A.T.I. 1955-1957, Asten-Hill Mfg. Co.
A.E. Whitfield - Treasurer of A.T.I. 1961-1962, American Asb. Tex. Corp.
M.C. Shaw - Exec. Sec'y of A.T.I. 1948-1963, Certaineed Products Co.
P.T. Gatke - President, Asbestos Textile Company, Chicago, Ill.
E.H. Wells - Vice Pres, Johns-Manville Sales Corp., N.Y. City
Dr. L.J. Cralley, U.S. Public Health Service, Cincinnati, Ohio
Dr. J.H. Wolfstie - Medical Director, U.S. Rubber Co., New York City

Guests - continued

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

Total attendance - 63

Minutes of the Meeting

1. This, our Twentieth Anniversary Celebration Meeting was called to order by President Peele with remarks suitable to the occasion. Each person was asked to stand and identify himself and his company affiliation.

2. The minutes of the last meeting were presented for reading however, since all members had received copies prior to this meeting it was moved by Mr. J.A. Bettes, Jr., to dispense with the reading. The motion was seconded by Mr. J.T. Griffis, and agreement was unanimous.

3. The Financial Report was presented by Treasurer J.A. Brown, Jr., who stated that the annual audit of the Institute's books, for the year ending September 9, 1964, had been made by Mr. C.W. Briggs, of Raybestos-Manhattan's accounting department, and that Mr. Briggs had written to President Peele stating that the report as presented at this meeting "Presents fairly the financial position of the Institute on September 9, 1964." Mr. W.S. Hough moved to accept the Treasurer's Report, seconded by Mr. I. Barnett, and agreement was unanimous. The report is made a part of these minutes.

4. The next part of the meeting was devoted to reports by the Chairmen of the working committees, namely: Mr. L.C. Williams for the Air Hygiene & Mfg. Committee; Mr. J.L. Christenbury for the Sales Promotion Committee; Mr. Wm. Maaskant for the Technical Committee, and Mr. I. Barnett for the Fiber Testing Committee.

Included in their remarks was a review of the work done in the last year, projects currently worked on, and future objectives. Their formal reports are attached to these minutes.

5. Mr. Geo. F. Jenkins, Senior Vice President, Asbestos Corporation, presented the report for the Fiber Committee. This was a most comprehensive review of world conditions in respect to the production, market conditions, and potential supplies of asbestos fibre. Our members were highly appreciative for the opportunity to hear Mr. Jenkins, as he is eminently qualified to speak on the subject of asbestos fibre and its world markets.

6. Mr. Geo.D. Reycraft, Legal Counsel, spoke on the Robinson-Patman Act. The question of "what to do to meet a competitive price with one customer (or area) and not discriminate against others" was discussed in a most interesting talk. Another subject brought up by Mr. Reycraft was the Civil Rights Act of 1964. He pointed out that this Act was going to affect business very widely. Involved are: Voting Rights; Public Accommodations; Desegregation of Public and Facilities and Public Education, Commission on Civil Rights, and Equal Employment Opportunities. A treatise on this subject by the National Association of Manufacturers was recommended for reading. A paper entitled "Civil Rights Act of 1964" by Mr. Reycraft is attached to these minutes.

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

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

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

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

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

9. President Peele then introduced the new officers.

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

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

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

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

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

13. President Peale announced the next meeting would be held on February 20-22, 1964, at the Carolina Hotel, Pinehurst, N.C. The Carolina is rated as one of the country's finest resort hotels, and Pinehurst itself has been nicknamed "Golf Town, U.S.A." It is adjacent to five 18 hole golf courses, and has two 18 hole putting courses, and a driving range. Other recreational activities such as sheet shooting, tennis, horseback riding, etc., are also available, and it is hoped that our attendance at this meeting will be large.

14. The Social Hour and Luncheon following the meeting was most enjoyable. A photographer took pictures of the newly elected officers, also a group of six former presidents of A.T.I., namely: Eugene Carbaugh, Abel, Peale, Hough, Driffis, and Bettes.

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

16. Thereafter, the meeting adjourned.

Respectfully submitted,

E. S. Hough
E. S. Hough
Asst. Secretary

President

EXHIBIT76**MINUTES****SALES PROMOTION COMMITTEE**

October 8, 1964

IN ATTENDANCE:

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

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

Respectfully submitted,

*J.W. Christenbury*J. W. Christenbury, Chairman
Sales Promotion Committee

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

ATTENDING

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

Subjects Discussed

1. Federal Specifications - Class 5330

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

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

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

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

* Plus or minus 10% to be included.

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

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

In attendance:

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

Review of Tests Under Development or Revision

1. Magnetic Rating Tests

a. Magnetic Force Method - Raybestos-Manhattan

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

b. Standard ASTM Method (Mapes) - QAMA

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

c. Modified Mapes - Turner and Newall

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

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

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

2

2. Buter-Webb Comb Test - Cassiar

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

3. Frictional Properties - Johns-Manville

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

Report on ASTM High Modulus and Inorganic Fiber Committee

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

Plans for Revising the Manual of Test Procedures

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

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

Respectfully submitted,

Irvin Barrett, Chairman

Alternate copy for ~~Item XX~~ Paragraph 4.

DATE _____

Notes of Discussion by the Board of Governors in respect to the publicity release, on October 6, 1964, by Dr. Selikoff and associates concerning asbestos as a possible cause of cancer. This was widely published in newspapers.

President Peele asked what further action, in view of this adverse publicity, should be taken in respect to the position taken at our June meeting in regard to the upcoming Conference: "Biological Effects of Asbestos" to be held Oct. 19-21, 1964 at the Waldorf-Astoria.

Mr. Griffiths remarked that it was probable there would be a conflict of opinion by the medical profession, and it was time to consider where we stand, in view of the recent unfavorable publicity.

Mr. Hough thought it most desirable to arrive at some conclusion as to our Institute viewpoint for the benefit of executives of member companies. The question of whether those who have issued the publicity on asbestos as a possible cause of cancer, could be warned of the gravity of their charges and its unfavorable effect on the Industry.

Jay Flocken doubted that a legal warning could be used, as it would give the impression that an attempt was being made to suppress or intimidate the medical profession. Suggested as an alternative that a qualified medical man within the Industry could rebut the charges.

Mr. Brown thought we should publicize our efforts to protect people from any harmful effects of handling asbestos.

Mr. Flocken agreed that the positive approach to show precautions being taken, was best.

Mr. Peele said that he had talked with Dr. J.H. Wolfstie, Medical Director of United States Rubber Company about the adverse publicity, and that Dr. Wolfstie felt there was very little we could do, immediately. In talking with his office prior to the meeting, Mr. Peele said he learned that one concern who manufactures ironing board covers from asbestos cloth, had reported several cancellations of orders for same by his customers because of the publicity of Oct. 6th, linking asbestos and cancer. He suggested that we might have to coordinate various company doctors thru one central man.

Mr. Bettes suggested that we might have to have a Medical Committee, and Mr. Peele suggested that medical men ~~xxxx~~ from each member company meet prior to the Oct. 19-21st Conference and decide. It was agreed that the Board of Governors wishes that Dr. F.W. Smith of Johns-Manville Corp., undertake to coordinate the medical men from each member company, and see if it is possible to decide upon a common approach. Primarily we expect that doctors from member companies will be at the Conference to listen, and to refute if the opportunity occurs, to whatever extent is consistent with their own experience, this adverse publicity.

Mr. Flocken felt that we should know what our doctors would say, before we authorized them to speak for the Institute.

Mr. Painey stated that papers to be presented at the coming Conference had been screened about a week ago by the management of the Conference, and presumably unacceptable papers would be omitted.

Mr. Bettes said his company had already received pre-prints of the papers to be given at the Conference.

Mr. Brown asked if we were going to consider the possibility of asking the cooperation of other segments of the asbestos industry to combat this adverse publicity, as they would be powerful allies, and a combined effort could be much more effective.

Notes of Discussion -(continued)

Mr. Peelo raised question if we could ask company doctors to speak for the Institute, and Mr. Hough and Mr. Rainey felt we should not. Mr. Patten felt that the doctors could not speak for the asbestos industry, but could speak for the Institute. Mr. Brown said he agreed with Mr. Rainey. Finally it was agreed that company doctors should be prepared to speak on behalf of the Asbestos Textile Institute.

Mr. Griffiths suggested the possibility that our Air Hygiene Assoc. Committee might recommend the formation of a Public Relations Committee, and ask the President to appoint one at the General Meeting. It was agreed that in this event, he would refer the request to the Board of Governors.

Mr. Hough suggested that this matter of the adverse publicity on asbestos should be called to the attention of top management for each member company, which might lead to a broad program involving all segments of the asbestos industry, with the objective of combating adverse publicity.

Mr. Peelo agreed, that this and said the serious economic repercussion of this bad publicity should be pointed out to top management, and they, in turn, should express back to A.T.I. their wishes as to course of action desired, and financial support that might be given.

The Board concurred with Mr. Peelo's suggestion, and agreed that it should be done. *Also that Mr. Peelo be requested to prepare a letter to the industry, the release of which would bring publicity bearing on asbestos and cancer, based on the limited medical research as has been done by the staff and his associates.*