

ASBESTOS TEXTILE INSTITUTE MINUTES

1976

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MT-006026

ASBESTOS TEXTILE INSTITUTE, INC.
MINUTES — GENERAL MEETING

FEB 6 1976

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ASBESTOS TEXTILE INSTITUTE, INC.

1976 WINTER MEETING

February 6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

LIST OF DELEGATES

AMATEX CORPORATION

W. Maaskant
J. L. Rainey
M. J. Scanlan
H. H. Walter

ASBESTOS CORPORATION LTD.

W. B. R. Callan
P. E. Leclerc

ATLAS TEXTILE COMPANY

W. H. Johnston

BELL ASBESTOS MINES LTD.

J. M. Leblond
W. H. Smith

CANADIAN JOHNS-MANVILLE CO. LTD.

H. M. Hay
J. P. Power

GARLOCK INC.

S. G. Dixit
A. Kuzmuk

NIPPON ASBESTOS CO. LTD.

Y. Sato
S. Shima

RAYBESTOS-MANHATTAN, INC.

C. D. Colson
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. O. Moebius
M. Q. Scowcroft

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echerd
L. E. Moody

TEA INDUSTRIAL PRODUCTS LTD.

H. J. Corson

ASBESTOS TEXTILE INSTITUTE, INC.

W. B. Alcorn, Jr., Esq.,
ATI Legal Counsel,
Cadwalader, Wickersham & Taft

D. M. Fagan,
ATI Executive Secretary

Total attendance during the two-day 1976 Winter Meeting was 28 people: 26 members, 1 legal counsel, and 1 secretary -- representative of 10 member companies, plus ATI.

M I N U T E S

1. The 1976 Winter General Meeting of the Asbestos Textile Institute, Inc., was called to order by President A. Kuzmuk at 1:15 p.m., February 6, 1976, at the Sheraton National Motor Hotel, Arlington, Virginia.

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2. President Kuzmuk welcomed all members to the meeting and asked each member to rise and give his name and company affiliation. The complete list of delegates appears on page 1 of these Minutes.

3. Upon a call for the reading of the Minutes of the last meeting, it was moved by S. G. Dixit, seconded by L. E. Moody, and unanimously approved, to dispense with the reading of same.

4. In the absence of Treasurer Scanlan, a report on the financial status of the Corporation was presented by President Kuzmuk. On September 1, 1975, the balance on hand was \$8,599.21. Added to this figure were total receipts of \$11,024.49, the most notable being \$9,750.00 from Members' dues and \$748.90 from sales of the Chrysotile Asbestos Test Manual, 3rd edition. Total expenditures were \$6,031.99, leaving a cash balance at the end of December of \$13,651.71. Taking into account known assets and liabilities, the total net worth of the Corporation at December 31, 1975, amounted to \$15,256.32. The entire Report of Funds, which will be filed for audit, is attached to these Minutes as Attachment I.

5. The Fiber Producers' Report was presented by P. E. Leclerc. Total shipments for 1975 of asbestos by member companies of the Quebec Asbestos Mining Association show a decline of 42.5% from 1974. For Group 3 grades, the decline was 69%. At year-end, inventories of Group 3 grades were 65% lower than a year ago. The 7-month strike at the Quebec asbestos mines is partially responsible for the decrease. The supply situation of the longer spinning grades is tight. Demand and supply of the regular spinning grades appear to be in balance. See Attachment II for the Fiber Producers' Report in its entirety.

6. Technical Committee Member J. W. Hawkins reported that his group met February 5 and 6 to review several ASTM Standards and a Military Specification. . . . Mr. Hawkins announced that the Technical Committee, which had 8 members about 5 years ago, has been reduced to 3 members. Additional members are needed in order to have an active, on-going group. The Committee is suggesting that representatives be sent from Johns-Manville Corporation and Garlock Inc. Others that can give technical assistance are requested to volunteer. . . . It was advised that the ATI Technical Committee and ASTM Sub-Committee D13.14 were one in the same with the exception of P. O. Nicodemus who serves as Chairman of D13.14 and as liaison between ASTM and ATI. Mr. Nicodemus is in ill health and is not in position to travel, but he has agreed to continue with these responsibilities for the time being. When the time comes that he becomes unable to be active, the ATI Technical Committee has decided that the Chairman of both the ASTM and the ATI Committees should be the same person -- rotating at two-year intervals. See Attachment III for the complete Technical Committee Report.

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7. In the absence of Chairman R. A. Kuntze, a report on the activities of the Fiber Research & Testing Subcommittee was given by D. E. Childers. A comparison test is underway on dust counting, using the membrane filter method. Test results thus far indicate the laboratories involved did not use the same counting procedure. Therefore, a second Round-Robin test will be run and it will be emphasized that all those participating should use the CSHA method of counting. See Attachment IV for the entire Fiber Research & Testing Subcommittee Report.

8. Chairman L. E. Moody advised that the special Environmental Task Group met on February 4-5 to carry out the project assigned to it by the ATI Board of Governors -- which was to define each piece of asbestos textile manufacturing equipment; to determine how an asbestos fiber becomes airborne at each location; to describe the current means to capture and control airborne asbestos fiber; and to report on the effectiveness of the present controls. Chairman Moody will shortly issue a report to the Secretary on the findings of the Task Group. The Report, in turn, will be submitted to the Board of Governors. Ultimately, the information will become a part of the ATI Position Paper which will serve as the Institute's comments to the U.S. Occupational Safety and Health Administration on the proposal to revise the "Asbestos Standard."

9. As reported by Chairman Moody, the Environmental Committee met on February 6 during which it received a presentation and demonstration by Mr. Robert S. Magdelain on Nilfisk vacuum cleaning equipment. Secondly, a discussion was held on the events of the meeting held on February 4 by the Asbestos Information Association/North America re the Industry Response it is preparing to the proposed revision of the "Asbestos Standard." Lastly, the Committee reviewed several sections of the afore-mentioned Standard, specifically those relating to recordkeeping, facility requirements such as showers, regulated areas, and mechanical ventilation systems. See Attachment V for the entire Environmental Committee Report.

10. President Kuzmuk advised that the Secretary would soon be sending response forms to all member companies, requesting them to indicate their acceptance or non-acceptance of the new membership structure which becomes effective September 1, 1976, and which was fully defined in the Minutes of the 1975 Annual General Meeting of ATI, Inc., in paragraphs 11 and 12 on page 4. It was reiterated that the Institute is opening its membership to a greater number of companies so they may become Regular Members and serve on the Board of Governors. The purpose of the mailing piece is to enable the Board to determine who will become Regular Members at the start of the next fiscal year. President Kuzmuk requested all member companies to

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respond promptly so all of the data will be available to the Board at its Meeting on June 3, 1976.

11. It was regrettably announced by President Kuzmuk that as a result of a corporate decision, Uniroyal, Inc., had resigned as a Member of the ATI. He stated the Board had accepted the resignation with a great deal of regret as the various representatives of Uniroyal had been a great asset to the Institute over the years, having performed effectively in its many activities, both administratively and at Committee level.

12. Because of Uniroyal's resignation from the Institute, vacancies were created in the Office of Vice-President and in the Chairmanship of the Technical Committee. President Kuzmuk announced that through the remainder of this fiscal year and until the 1976 Annual Meeting, Treasurer Scanlan will take on the additional duties of Vice-President of the Institute. W. Mauskant will serve as Acting Chairman of the ATI Technical Committee.

13. President Kuzmuk informed the membership that the dates of the next General Meeting of ATI, Inc., remained at June 3-4, 1976, although the site had been changed to Stouffer's National Center Inn, Arlington, Virginia. The move was made in the interest of economy when it was learned that Twin Bridges Marriott in Arlington (the previously-scheduled site) had established new prices for meeting space that seemed exorbitant and an unnecessary expense.

14. It was reported by President Kuzmuk that the ATI Position Paper had been reviewed at this meeting. It is about ready for final draft form and should be completed and approved by the Board for submission to OSHA by the deadline which presently is April 9, 1976.

The ATI Position Paper will incorporate the outcome of discussions at the special meeting held by the Institute on November 13, 1975; data received and compiled following that meeting; and the findings of the Environmental Task Group (referred to in paragraph 8 of these Minutes). It will be concerned specifically with the position of the asbestos textile manufacturing industry in the U.S. In addition, ATI is coordinating with AIA/MA in its project toward preparing and submitting a total Asbestos Industry Response to OSHA.

15. There being no further business to be brought before the membership, it was moved by P. E. Leclerc and seconded by C. A. Kennedy that the meeting be adjourned. The motion was carried and the meeting adjourned at 2:00 p.m.

Respectfully submitted,

Doris M. Fagan
Doris M. Fagan,
Executive Secretary

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ASBESTOS TEXTILE INSTITUTE, INC.

Fiscal Year ending August 31, 1976

Report of Funds

Period: September 1, 1975, thru December 31, 1976

BALANCE ON HAND - September 1, 1975:

Checking Account	\$ 700.48	
Savings Account	20,936.45	
Petty Cash Account	46.21	
	<u>\$ 21,683.14</u>	
Less Litigation Defense Fund	<u>- 13,083.93</u>	
TOTAL ON HAND - September 1, 1975		\$ 8,599.21

RECEIPTS:

Booklet Sales	\$ 46.65	
Test Manual Sales	748.90	
Members' Dues	9,750.00	
Interest on Savings	388.93	
ATI Meeting Expense Reimbursement	112.00	
Reimbursement from Litigation Defense Fund/Supplies	<u>38.01</u>	
TOTAL RECEIPTS		+ 11,084.49
		<u>\$ 19,683.70</u>

DISBURSEMENTS:

Legal Services & Expenses	\$ 1,154.01	
Incorporation Expenses	356.35	
Secretary's Gross Wages	871.00	
Taxes on Wages Paid by ATI, Inc.	46.49	
ATI Meeting Expense	2,016.65	
Secretary's Travel Expense	267.79	
Telephone	234.65	
Printing/Office Supplies	391.26	
Postage	139.50	
Postage--Test Manual	80.04	
Rental of Office Space	165.00	
Accountant/Caruso/1974-75	300.00	
Booklet Sale Refunds	<u>9.25</u>	
TOTAL DISBURSEMENTS		- 6,031.99
BALANCE ON HAND - December 31, 1975		<u>\$ 13,651.71</u>

BALANCE ON HAND - December 31, 1975:

Checking Account	\$ 1,583.08	
Savings Account	12,068.30	
Petty Cash Account	<u>.33</u>	
TOTAL AVAILABLE FUNDS - December 31, 1975		\$ 13,651.71

ASSETS AS OF December 31, 1975:

Total Funds As Listed Above	\$ 13,651.71	
Accounts Receivable -- Members' Dues	1,875.00	
Charged Expenses	24.72	
Furniture & Equipment/Nominal Value	<u>1.00</u>	
TOTAL ASSETS		\$ 15,552.43

LIABILITIES AS OF December 31, 1975:

Accrued Taxes	<u>\$ 296.11</u>	
TOTAL LIABILITIES		- 296.11
TOTAL NET WORTH AS OF DECEMBER 31, 1975		<u>\$ 15,256.32</u>

Attachment I

FIBER PRODUCERS' REPORT

Presented by Paul E. Leclerc, Sales Director, Asbestos Corporation Ltd., at the 1976 Winter General Meeting of the Asbestos Textile Institute, Inc., Sheraton National Motor Hotel, Arlington, Virginia -- February 6, 1976

Total shipments of the Quebec Asbestos Mining Association member companies for 1975 show a decline of 42.5% from 1974. For group 3, the decline was 69%. The seven-months' strike in the Thetford-Black Lake-East Broughton area is partially responsible for this drop.

At the end of 1975 the combined inventory of the QAMA members was the lowest ever; the stocks on hand of group 3 grades were 65% lower than they were the previous year; total stocks were 59% lower as well -- and I should add that 50% of the inventory was made up of group 7 grades.

The supply situation of the longer spinning grades such as 3F, Cassiar AAA and Cassiar AA is rather tight. The demand and supply of the regular spinning grades appear to be in balance at this time.

Grades in groups 4, 5 and 6 are very much in demand, and definitely in short supply. The demand for grades in group 7 continues to be good, particularly in the "open type" grades.

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Attachment II

MT-006033

TECHNICAL COMMITTEE REPORTASBESTOS TEXTILE INSTITUTE, INC.February 5-6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

IN ATTENDANCE: Amatek Corporation -- W. Maaskant, Acting Chairman
Raybestos-Manhattan, Inc. -- J. W. Hawkins
Southern Asbestos Company -- D. E. Childers;
J. W. Echerd

1. ASTM D-1118--Magnetic Rating -- Editorial changes approved by letter of ballot and will be incorporated in next annual issue.
2. ASTM D-315--Asbestos Tape, Woven and ASTM D-1571--Asbestos Cloth, Woven -- Proposed statement on precision and accuracy being sent out for review; upon return, comments will be analyzed and proposed statements will be submitted for letter of ballot.
3. ASTM D-1918-72--Asbestos Content -- This method is next on the agenda for revision. At this time, no editorial changes are suggested.
4. ASTM/ATI relationship was discussed and, in view of the retirement from General Electric of Mr. P. O. Nicodemus, Chairman of ASTM Sub-Committee D13.14 on Asbestos, it was decided to await the outcome of the June 1976 ATI meeting as to what steps to take in the future. Since Mr. Barnwell of Uniroyal, Inc., no longer is active due to the resignation of Uniroyal from ATI, Mr. W. Maaskant will act as Chairman of the ATI Committee until the June meeting. . . . It was unanimously agreed to request Mr. Nicodemus to stay on as Chairman of ASTM D13.14.
5. Specification MIL-I-15349c--Thermal Insulation Tape -- The contents of Table II were questioned. The nominal weight in the Table was recommended to be changed to minimum weight. Raybestos-Manhattan and Southern Asbestos will consult with each other and, if needed, will propose the change as follows:

3.6.3 - Change 55% to 70% and also, as stated above, the weight in Table II from nominal to minimum;

In the event Raybestos-Manhattan and Southern Asbestos decide that a change is definitely necessary, either Mr. Hawkins or Mr. Echerd will write to NAVSEC in Hyattsville, Maryland.

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Attachment III/page 1 of 2

Page 2 - ATI, Inc., Technical Committee Report - 2/5-6/76

6. Technical Committee Membership -- Due to the low participation in this Committee, it was requested while the President of ATI, Mr. A. Kuzmuk, and the Secretary, Ms. D. M. Fagan, were present, to extend the Committee by adding at least one permanent member from Garlock Inc. and from Canadian Johns-Manville Co. Ltd. Mr. Kuzmuk promised to look into the matter concerning Garlock and Mr. J. P. Power will check with C.J-M. Ms. Fagan will follow through.
7. Specification EE-T-1732--Asbestos Tape -- This Specification is superseding the former Standard MIL-T-4117A. Members of the Committee found that Government Procurement Agencies are still making reference to the old Specification. Due to the uncertainty as to whether or not the Government will discontinue the use of asbestos products, it was suggested to not recommend changes in either Specification.
8. ASTM D-299--Yarn -- When next up for revision by ASTM Subcommittee D13.14, it should be determined what type of change is advisable to Section 10--Yarn Number. The weight of plied yarn calculation is not clear. Also, a plied yarn tolerance for weight should be added under paragraph 7.1.1.
9. The next meeting will be held June 3-4, 1976, at Stouffer's National Center Inn, Arlington, Virginia.

Respectfully submitted,
W. Maaskant,
Acting Chairman

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Attachment III/page 2 of 2

MT-006035

FIBER RESEARCH & TESTING SUBCOMMITTEE REPORT

ASBESTOS TEXTILE INSTITUTE, INC.

February 5-6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

IN ATTENDANCE: Asbestos Corporation Ltd. -- W. B. R. Callan
 Bell Asbestos Mines Ltd. -- W. H. Smith
 Southern Asbestos Company -- D. E. Childers

1. The Chairman, Dr. R. A. Kuntze, could not be present, thus he asked D. E. Childers to report on the activities of the group.
2. At the last meeting, it was decided to run a comparison test on dust counting using the Membrane Filter Method. The participants were instructed to use the same counting procedure. However, test results received from three laboratories indicated the same counting procedure was not used. In one instance, the fiber count between laboratories ranged from 5.3 to 2.5 fibers/cc, and in another instance the counts ranged from 16.7 to 4.8 fibers/cc.
3. It was decided to begin another Round-Robin test. In the test, it will be emphasized that everyone use the OSHA method (NIOSH, August 1972). Mr. Childers will prepare new samples for the new test. A copy of the OSHA procedure will be sent to all participants. Each laboratory should count the same slides and send them to the next person in the same order as listed below.* Please send all test results to Dr. R. A. Kuntze.

Respectfully submitted,

D. E. Childers,
 Acting Chairman

* D. E. Childers
 R. A. Kuntze
 G. F. A. Brink
 W. H. Smith
 J. P. Wronski
 C. E. Stiefken
 E. Lincoln

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Attachment IV

MT-006036

ENVIRONMENTAL COMMITTEE REPORTASBESTOS TEXTILE INSTITUTE, INC.February 4-6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

IN ATTENDANCE:

Amatex Corporation -- W. Maashant; H. H. Walter
 Atlas Textile Company -- W. H. Johnston
 Canadian Johns-Manville Co. Ltd. - H. M. Hay; J. P. Power
 Garlock Inc. -- S. G. Dixit; A. Kuzmuk
 Nippon Asbestos Co. Ltd. -- Y. Sato; S. Shima
 Raybestos-Manhattan, Inc. -- J. W. Hawkins; C. A. Kennedy
 W. Krucke; R. O. Moebius; M. Q. Scowcroft
 Southern Asbestos Company -- J. W. Echerd; L. E. Moody

Wednesday, February 4, 1976 --

A short evening session was held to describe the project assigned to a Task Group of the Committee -- "to define, by each piece of manufacturing equipment used in the processing of asbestos textiles, how asbestos fibers become airborne, how airborne fiber is captured or controlled to dust collection and how effectively presently controlled."

Attended by S. G. Dixit, D. M. Fagan, H. M. Hay, C. A. Kennedy, W. Krucke, A. Kuzmuk, L. E. Moody, J. P. Power and H. H. Walter.

Thursday, February 5, 1976 --

The Task Group met from 8:30 a.m. through 2:00 p.m. A discussion of machinery used and means of airborne asbestos fiber capture and control utilized the entire period. A separate report will be submitted.

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Friday, February 6, 1976 --

A meeting of the full Environmental Committee was held. The following items made up the meeting agenda.

- a) Presentation and demonstration of Nilfisk vacuum cleaning equipment was given by R. S. Magdelain of Nilfisk of America, Inc. The program included new, more-efficient air-filtering means, and ways of attaining larger quantities or volume per dump cycle.

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Page 2 - ATI, Inc., Environmental Committee Report - 2/4-6/76

b) Discussion of the AIA/NA meeting held on February 4 concerning the proposed "Asbestos Standard."

c) Brief review of parts of the proposed Standard (other than the 0.5-fiber portion) such as recordkeeping, sanitary facilities requirements, regulated areas and mechanical ventilation systems.

Respectfully submitted,

L. E. Moody, Chairman

Attachment V/page 2 of 2

MS 006633

MT-006038

WHERE ASBESTOS FIBER BECOMES AIRBORNE
DURING ASBESTOS TEXTILE MANUFACTURE

The following constitutes a report on the findings of a Special Environmental Task Group of the Asbestos Textile Institute, Inc., assigned the project of defining each step in the various processes of asbestos textile manufacture, and where it is difficult to keep asbestos fiber from becoming airborne. The report indicates the specific problems of the asbestos textile producer in meeting the limitations of 5 fibers, 2 fibers and 0.5 fiber per cubic centimeter of air.

A--BLENDING OR PREPARATION

Blending or Preparation is the process of mixing asbestos fibers and/or other fibers to prepare stock mixes for Carding. The machinery used to perform this operation may consist of several or all of the following: bag-opening equipment, fiber feeders, collecting conveyors, mixing pickers, fiber condensers and a variety of means of transporting the stock mixes to the carding machines.

1. Bag Opening Equipment--Asbestos fiber may become airborne as the bag is cut away from the cake of asbestos fiber, as the empty bag is asided to the disposal container and as the cake-breaker feeds the fiber forward into the hopper.
 - a) The equipment is enclosed except for the face opening where bags of fiber enter. The enclosure is kept under negative pressure and the dust-laden air is exhausted to the dust collection system. Disposal of empty bags poses a problem as the employees tend to try to compact the bags and, in so doing, expose themselves to airborne asbestos.
2. Fiber Feeder & Collecting Conveyor--A loosely-opened mass of fiber is moved forward by conveyor to an inclined spike apron which lifts the fiber to a point where it is dropped into a weigh pan. The weigh pan, in turn, drops the fiber onto a collecting conveyor.
 - a) Asbestos fiber becomes airborne when, as the loosely-opened fiber moves on the conveyor, the fiber rolls back or is combed back from the spike apron. It also enters the air at the dropping points -- apron to pan; and pan to collecting conveyor.
 - b) Feed boxes usually are enclosed and kept under negative pressure by the exhausting of dust-laden air to dust collectors. Likewise, the dust on the collecting conveyors is exhausted to the dust collection system. Also, most installations use special equipment which sprays dust-suppressing emulsions onto fibers being blended.

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Blending or Preparation--Continued

3. Mixing Picker--A unit equipped with feed rolls and a pinned cylinder; used to tumble-blend mixes of fiber.
 - a) Usually these units are totally enclosed and air feed the fiber mix forward to a condenser where the fiber blend is "separated out." Again the dust-laden air is exhausted to the dust collection system.
4. Fiber Condenser & Transporting Stock Mixes to Carding Machine--Using the Fiber Condenser is the point where the fiber mix is separated from the air stream and moved forward to the card feeders. . . . The transporting of blended fiber and the carding machines are the most difficult areas of airborne fiber control. The various transportation methods used to move stock mixes to the carding machine are as follows:
 - a) Open-Top Stock Boxes--Here the fiber is openly exposed and subject to becoming airborne by any extraneous air movement, i.e., in filling the box, in movement around the storage and production area, or in falling from the truck to the floor.
 - b) Loosely-Bagged Fiber Transported by Manually-Moved Vehicle--Fiber may become airborne as the bags are either filled or emptied.
 - c) Positive-Pressure Duct Lines--These lead directly to the card feeders and under the positive pressure, the fiber can become airborne due to a leak at any point during the process of movement.
 - d) Fiber Formed Into "Batts" or "Lapps"--These are used to feed the carding machines. The operation is usually done in an openly-exposed area, again subjecting the fiber to the possibility of becoming airborne.
 - e) Air Locks and Duct Transportation Directly to Carding Machines--This is done under positive pressure and, therefore, the fiber can become airborne due to possible leaks in the system.
 - f) Screen Condensers that Directly Feed the Carding Machines--Poses no real problems if the system is operated under negative pressure and the variety of mixes is small.
5. Reprocess Work--There is other process work that may be done near the Blending and Preparation Equipment or in a separate, nearby area.
 - a) Soft Waste, Reprocess--The re-use of soft or un-twisted roving left after the production process.
 - 1) The soft, reworkable waste materials are gathered by manual means. Reprocessing is usually done via an opening cutter or a W-3 type picker. In this operation, asbestos fiber is subject to becoming airborne as it would in any type of rotating-cylinder or tumbling action.

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Blending or Preparation--Continued

- 2) The machines are enclosed as much as possible and operate under negative pressure, thereby exhausting the dust-laden air to the dust collection system.
- b) Fiber Waste, Reprocess (Fly)--The collection of fiber from beneath the carding machines and the re-entry process to return the fiber to the blending or mixing stage.
 - 1) The waste is collected by mechanical conveying methods, by vacuum systems, or manually.
 - 2) Most of the machinery is enclosed and kept under negative pressure by the exhaust-to-dust-collection method.
6. Rope Formers, Twisters and Slubbers--Equipment used to process twisted material into heavy strands of roving or to process sliver to form rope products.
 - a) The rope-forming machines have large rotating parts which, when in motion, may cause fiber to become airborne because of centrifugal force or air currents.
 - b) The machines are usually enclosed and kept under negative pressure via an exhaust-to-dust-collection system.
7. Roving Winders--Machines used to remove roving from a "cheese package" and to wind it into a usable, marketable product.
 - a) Asbestos fibers may become airborne at the winder because of rotational force or as the roving is drawn from the "cheese package" because of "ballooning."
 - b) Winding machines usually have exhaust hoods and/or slide enclosures to control the flow of air away from the operator and into the dust collecting system.
8. Carding Machines--This equipment is a multi-complex of rotating rolls covered with teeth of fine wire. The machines are designed to comb the fiber from an unoriented mass into a planned web of fibers in parallel plane. The machines then cut the web into strips and the condenser section "roll rubs" each strip into a round form, with the fiber oriented in lineal direction. The material is then called roving.
 - a) During the web-forming process the fiber is not under strict physical or mechanical control. Fiber is free to become airborne at practically any point in the process -- from the feeding mechanism to the spool or cheese-winding of the roving.

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Blending or Preparation--Continued

- b) Airborne fiber is controlled by machine enclosure under negative pressure and is exhausted to the dust-collection system. In most operations the enclosed carding machine is further enclosed in that it is situated in a separate housing which also is controlled via the exhaust-to-dust-collection system.

B--YARN DEPARTMENT EQUIPMENT

1. Spinning Machines--This is the process whereby the twist is inserted into an oriented fiber form called roving to impart strength and to form yarn. The roving feed is at a fixed rate, fed by a set of rolls to a rapidly-rotating spindle which causes the twist to form in a lineal manner. Many forms of spinning machinery are used such as ring spinning or flyer-frame spinning. Asbestos fiber becomes airborne by centrifugal force from the rotating spindle and from the loose end whipping free when a break in the yarn occurs.
 - a) Among the many means used to control airborne asbestos fiber, are: enclosed machinery with "exhaust-to-dust-collection" at every spindle; exhaust systems to collect roving when an end break occurs; dust shields with exhaust from below the spinning machine; wet process by rolls or by wetting the entire roving package; dust-suppressing sprays; and more-massive air change.
2. Twisting Machines--These combine two or more spun yarns and twist them together to add strength to the product. The machinery and the problems of fiber becoming airborne are much the same as with the spinning machines.
 - a) Capture and control of airborne asbestos fiber is also similar to that used at the point of spinning.
3. Yarn Winding--The process of removing yarn from the production package and winding it into a package either for the next operation or for selling.
 - a) Asbestos fiber becomes airborne at the rapidly-rotating spindles and when the yarn "balloons" between the "production package" point and the winding spindle.
 - b) Capture and control of airborne fiber is by hood enclosure or dust shield with negative-pressure, exhaust-to-dust-collection. Additional control of airborne dust may be gained where possible via "wet" winding.

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C--WEAVING DEPARTMENT EQUIPMENT

1. Several types of weaving machinery are used to produce asbestos textiles. Basically they are broad looms for cloth weaving and narrow fabric looms for tape and belt weaving.
 - a) Broad Looms for Cloth Weaving--Here the warps or lineal yarns rub against each other as they are raised and lowered to form the woven pattern desired. The mechanical movement of the machine parts tends to form air currents, which, in turn, may cause fiber to become airborne.
 - 1) Capture and control of airborne fiber is usually by hood enclosure under negative pressure by exhaust-to-dust-collection. In weaving, many cloth products can be woven wet. Varying degrees of "wettness" are used to suppress fiber and deter it from becoming airborne.
 - b) Narrow Fabric Looms for Tape and Belt Weaving--There is a wide variety of machinery in this group, from light construction to heavy-service construction.
 - 1) Asbestos fiber becomes airborne much the same as in the area of the broad looms for cloth weaving.
 - 2) Capture and control of airborne asbestos fiber is also by the same means as in cloth weaving -- local exhaust around looms and more control by wet processing.
 - c) Weaving Equipment--This includes creel operations to prepare warp yarns, and various types of winding machines to prepare filling yarns.
 - 1) Asbestos fiber can become airborne as with any winding operation.
 - 2) The capture and control of airborne asbestos fiber is via negative-pressure-exhaust and by wet processing, where possible.

D--MISCELLANEOUS EQUIPMENT

1. Cloth Inspection Tables--This operation may include brushing done in an enclosed box with negative-pressure, exhaust-to-dust-collection.
2. Treating and Finishing Equipment--Most of these operations are done "wet" and the present conditions are under 2 fibers per cubic centimeter of air.

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E--HOUSEKEEPING

1. Floor Maintenance--Normally handled by treated mops, vacuum-sweeping equipment and dust-suppressing floor compounds or sprays.
2. Walls, Ceilings, Ducts and Building Structure--Some manufacturers still use "blow-down" procedures when normal production is stopped. Vacuum cleaning is the preferred method.
3. Machine Cleaning--Also done when manufacturing operation is not in process. Again, vacuum cleaning is preferred.

I N S U M M A T I O N

After a complete study of the findings from this project, it was determined that:

1. It is not possible to maintain an asbestos exposure level below 5 fibers per cubic centimeter of air at all stages of asbestos textile manufacture.
2. An exposure level of 2 fibers/cc could be maintained at most stages of asbestos textile manufacture in about five years time if funds are available to purchase, install and perfect the necessary equipment engineered according to current technical know-how.
3. We do not have the technical knowledge to meet the 0.5 fiber/cc limitation and still produce asbestos textile products as we know them today.
4. We will always have a problem safeguarding certain production employees from exposure to high levels of asbestos dust. Those maintenance personnel who repair machinery, clean dust collection equipment, and so forth, must sometimes work inside enclosed areas. Also, there are times when workers occasionally perform "unsafe" acts, impromptu, without thinking of the possible hazard. This is the human factor which is impossible to predict and difficult to control.

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PRODUCED
JM - 83

MS 006639

MT-006044

ASBESTOS TEXTILE INSTITUTE, INC.

FOUNDED 1944



MEMO TO: ATI ENVIRONMENTAL COMMITTEE

C. A. Kennedy, Chairman -- Raybestos-Manhattan, Inc.

E. C. Bratt -- Southern Asbestos Company
 E. A. Farrell -- Lake Asbestos of Quebec Ltd.
 J. L. Goodman -- Raybestos-Manhattan, Inc.
 H. M. Hay -- Canadian Johns-Manville Co. Ltd.
 R. O. Moebius -- Raybestos-Manhattan, Inc.
 W. B. Reitze -- Johns-Manville Corporation
 P. Steen -- Cassiar Asbestos Corporation Ltd.
 G. Vallee -- Amiante de Sherbrooke (Garlock of Canada Ltd.)
 H. H. Walter -- Amatex Corporation
 I. H. Weaver -- Raybestos-Manhattan, Inc.

COPY TO: M. J. Scanlan, ATI Chairman & President -- Amatex Corporation
 W. B. Alcorn, Jr., Esq., Cadwalader, Wickersham & Taft
 J. D. Officer, Esq., Cadwalader, Wickersham & Taft

SUBJECT: ATI ENVIRONMENTAL COMMITTEE MEETING -- FRIDAY, FEBRUARY 4, 1977

Please plan on attending the meeting of the ATI ENVIRONMENTAL COMMITTEE on:

Friday, February 4, 1977 -- 8:00 A.M. to 11:00 A.M.

MS 006640

Terrace Garden Inn, Atlanta, Georgia

MT-006045

Camellia Room, Terrace (Lower) Level

NOTE TO CHAIRMAN KENNEDY: Please be prepared to discuss your Committee's activities with the Board of Governors at 3:45 P.M. on Thursday, February 3rd, in the Rosewood Room, Terrace Level. . . . and to present the Environmental Committee Report at the General Meeting which commences at 11:30 A.M. on Friday, February 4th, in the Camellia Room. Thank you.

PRODUCED
JM - 83

January 10, 1977

Doris M. Fagan,
 Executive Secretary

ASBESTOS TEXTILE INSTITUTE
LITIGATION DEFENSE FUND

FISCAL YEAR 1975-76

ESTABLISHED: APRIL 1, 1974

REPORT OF FUNDS FOR PERIOD MAY 1, 1976 THRU AUGUST 31, 1976

BALANCE ON HAND - MAY 1, 1976 \$ 8,757.91

RECEIPTS:

6/30/76 - Interest on Savings \$ 90.67
8/31/76 - Interest on Savings 33.70

TOTAL RECEIPTS + 124.37
\$ 8,882.28

DISBURSEMENTS:

6/11/76 - To ATI Inc for Cadwalader,
Wickersham & Taft -
Shoup Litigation. \$ 927.59

6/11/76 - To ATI Inc for Kerr, Wattles
& Russell - Shoup Litigation 1,649.09

6/28/76 - Cadwalader, Wickersham & Taft
- Tyler Litigation - 1st Qtr 76 570.28

6/28/76 - Hathaway & Jackson - Tyler
Litigation - 10/15/75-4/30/76 1,599.00

8/31/76 - Cadwalader, Wickersham & Taft -
Tyler Litigation - 2nd Qtr 76 293.06

TOTAL DISBURSEMENTS \$ 5,039.02

CASH BALANCE ON HAND - AUGUST 31, 1976 \$ 3,843.26*

Accounts Payable - To ATI Inc for Office
Expenses 5/1-8/31/76 . - 107.46

ACTUAL NET WORTH - AUGUST 31, 1976 \$ 3,735.80

*Checking Account: \$ 89.04
Savings Account: +3,754.22
\$3,843.26

Attachment I

PRODUCED
JM - 83

MS 006641

MT-006046

ASBESTOS TEXTILE INSTITUTE, INC.
MINUTES — BOARD OF GOVERNORS
FEB 5 1976

MS 006642

MT-006047

ASBESTOS TEXTILE INSTITUTE, INC.

MEETING - BOARD OF GOVERNORS

February 5, 1976

Sheraton National Motor Hotel, Arlington, Virginia

A G E N D A

1. Call To Order - 1:45 p.m. -- A. Kuzmuk, Chairman
2. Minutes of Last Stated Meeting -- Executive Secretary
3. Financial Report -- M. J. Scanlan, Treasurer
 - a) Report of Funds for First Four Months of F/Y 1975-76;
 - b) Expenditures Against Budget;
 - c) Outstanding Dues Payments;
 - d) Chrysotile Asbestos Test Manual, 3rd Edition;
 - e) Application for Recognition of Exemption from Federal Income Tax
4. Legal Counsel's Remarks at General Meetings
5. Resignation of Uniroyal, Inc.
6. Vacant Office/Vice-Presidency
7. Nominating Committee Responsibilities
 - a) Submit Slate of Officers for Election at 10/76 Board Meeting;
 - b) Recommend Chairmen to head working Committees.
8. New Eligibility Qualifications as of 9/1/76
9. House Bill HR9505 Re: Creation of a Commission on Unemployment Caused by the Dispersion of Hazardous Industries (Repr. Daniels)
10. Future Programs
11. Future Meeting Sites and Dates
12. OSHA's Proposed Revision to "Asbestos Standard"
 - a) "Caruso Report" statistics given to CONSAD;
 - b) AIA/NA preparing Industry Response;
 - c) Environmental Task Group formed to study problems of asbestos dust generation and control at each step in various asbestos textile manufacturing processes;
 - d) ATI Position Paper.
13. New Member Interest
14. ATI Effort to Broaden its Membership Base
15. Report from Environmental Task Group
16. Other Committee Reports and Discussions
17. Adjournment - 4:00 p.m.

MS 006643

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MT-006048

M I N U T E SIN ATTENDANCE:

Garlock Inc. - A. Kuzmuk, Chairman
 Amatex Corporation - M. J. Scanlan
 Raybestos-Manhattan, Inc. - M. Q. Scowcroft
 Southern Asbestos Company - E. C. Bratt

ATI Legal Counsel - W. B. Alcorn, Jr., Esq.,
 of Cadwalader, Wickersham & Taft

ATI Executive Secretary - D. M. Fagan

1. CALL TO ORDER: A call to order of the second meeting of the Board of Governors of Asbestos Textile Institute, Inc., was issued by Chairman Kuzmuk at 1:45 p.m., February 5, 1976.

2. READING OF MINUTES: Upon Chairman Kuzmuk calling for a reading of the Minutes of the last stated meeting, a motion was made by Mr. Bratt to dispense with the reading thereof. The motion was seconded by Mr. Scowcroft and approved unanimously.

3. FINANCIAL REPORT: The 9-page Report of Funds for the 4-month period to December 31, 1975, was distributed by Treasurer Scanlan. It is attached hereto as Attachment I.

a) The first page of the Report shows a cash balance at the beginning of the Fiscal Year of \$8,599.21, receipts to date of \$11,084.49 and disbursements of \$6,031.99, leaving a cash balance at the end of the first four months of \$13,651.71. Taking into account current assets and liabilities, the actual net worth of the Corporation at December 31, 1975, was \$15,256.32.

b) Page 2 of the Report shows that for a third of the way through the year, expenses totaled \$5,792.69 against the total budgeted for the entire year of \$12,970.00. It was noted that expected income for the year will be reduced \$1,500.00 as a result of the withdrawal of membership by Uniroyal, Inc. It was agreed by all in attendance that expenses for the remaining eight months of the year will be controlled as tightly as possible.

c) As of the writing of these Minutes, the annual dues of one Associate Member company remains unpaid, i.e., Hilados y Tejidos de Asbesto. Assistance on this matter from any Governor would be appreciated.

d) Sales of the Chrysotile Asbestos Test Manual, 3rd edition, are at a higher-than-expected volume. Of the approximate overrun of 170 copies, 93 have been sold; leaving 77 available for sale as of December 31, 1975. The net loss on this project has been reduced to \$403.89.

e) The Internal Revenue Service has acknowledged receipt of the Corporation's Application for Recognition of Exemption from Federal Income Tax -- and has referred same to its National Office in Washington, D.C.

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MS 006644

MT-006049

5. RESIGNATION OF UNIROYAL: Chairman Kuzmuk reported that via letter dated December 19, 1975, signed by Edward A. Morris, Marketing Manager-Asbeston, Uniroyal, Inc., resigned its Regular Membership in the ATI. Mr. Morris wrote that the decision was reached by corporate management after the careful consideration of a number of factors. It was moved by Mr. Scanlan, seconded by Mr. Bratt, and unanimously agreed to accept the resignation with a great deal of regret.

6. VICE-PRESIDENTIAL VACANCY: Consequent to the afore-mentioned resignation of Uniroyal, Mr. Morris resigned as Vice President of the ATI. Chairman Kuzmuk asked the Board to consider combining the Offices of Vice President and Treasurer for the remainder of this Fiscal Year. Treasurer Scanlan expressed willingness to accept the added responsibility if the Board so desired. It was moved by Mr. Bratt, seconded by Mr. Scowcroft, and unanimously approved that Mr. Scanlan serve as Vice President and Treasurer for the balance of the year in accordance with the By-Laws of this Institute.

7. NOMINATING COMMITTEE: Since the Board will have a better idea at the next Meeting as to how the member companies will respond to its program to broaden the membership base of the ATI, it was agreed to table the subject of Nominating Committee duties until the Governors meet on June 3, 1976. Basically the Chairman will be asked to submit a Slate of Officers for election at the October 1976 meeting of the Board and to recommend representatives to serve as Chairmen of the various working Committees.

8. RESPONSE TO NEW MEMBERSHIP CRITERIA: Chairman Kuzmuk introduced a discussion on the best approach to take toward determining how each member company will respond to new membership eligibility requirements as of September 1, 1976. It was agreed a letter should be sent to each member company as soon as possible, fully explaining that the new membership qualifications are being established to recognize that asbestos textile manufacturing is an international industry. The letter should completely define each Class of Membership that will be available and the qualifications that a company must meet to be eligible for a specific category. It also is to have attached a questionnaire for a representative of each member company to fill in and return to the Executive Secretary, advising whether or not it will continue in the ATI and in which Class of Membership it is eligible.

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9. H.R. 9505: In giving an up-date of the status of House Bill H.R. 9505--Creation of a Commission on Unemployment Caused by the Dispersion of Hazardous Industries, introduced September 10, 1975, by U.S. Repr. D. V. Daniels (D.-N.J.), the Secretary reported that although the Bill had been referred to the Committee on Education and Labor, no hearings have thus far been held. The Bill is described in some detail in the Minutes of the meeting of the Board of Governors held October 1-2, 1975 (paragraph 17).

10. POSSIBLE FUTURE PROGRAMS: At the instructions of the Board at its last meeting, the Secretary contacted two organizations concerning possible presentations at future General Meetings.

a) One firm was Alexander and Alexander, insurance brokers headquartered in New York City. The subject of presenting a program on "insurance considerations in asbestos products liability" was discussed with Mr. P. M. Redmond, Jr. He appeared interested and said they would be willing to handle the program provided they could come up with a package that would be of value to ATI member companies. He promised to investigate the matter and if it was deemed beneficial to proceed, they would gladly present the program at no cost to the ATI. Upon discussing the possibility, it was agreed by the Board to consider scheduling a program by Alexander and Alexander if they are in position to prepare a meaningful presentation.

b) Mr. Douglas Greenwald, a Chief Economist with McGraw-Hill, was approached as a possible speaker on the general economy. Although his honorarium is set at \$1,500.00, an expert from his staff would be willing to handle the program, at cost (room, meals and transportation). The Board decided to not schedule such a program at this time.

11. FUTURE MEETING SITES AND DATES: Chairman Kuzmuk reported that a new "cost policy" had been initiated by Twin Bridges Marriott, Arlington, Virginia, whereby it could cost the ATI as high as \$450.00 just for meeting-room space for the June 1976 meeting. Therefore, the site for that meeting has been changed to Stouffer's National Center Inn. . . . The next five (5) meetings of the ATI are scheduled as follows:

1976 Jun 3-4 -- Stouffer's National Center Inn, Arlington, Va.;
1976 Oct 6-8 -- Savannah Inn & Country Club, Savannah, Georgia;
1977 Feb 3-4 -- Stouffer's National Center Inn, Arlington, Va.;
1977 Jun 2-3 -- Stouffer's National Center Inn, Arlington, Va.;
1977 Oct 5-7 -- Ponte Vedra Club, Ponte Vedra Beach, Florida.

12. OSHA PROPOSED REVISION TO "ASBESTOS STANDARD":

a) The Secretary advised that CONSAD Research Corporation, contracted by OSHA to prepare an inflationary impact study, had been supplied by ATI with asbestos textile production figures (external sales) as reported to D. A. Caruso, C.P.A., by ATI U.S. member companies for the years 1947 through September 1975.

b) It was reported that the Asbestos Information Association/North America had held a meeting on February 4, 1976, to present the industry response it had thus far prepared for presentation to OSHA. AIA/NA

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submitted, for acceptance, its proposed draft together with a supplement, a medical report and a feasibility/economics report. The latter report is composed of data obtained to date that are sufficient to draw supportable conclusions within the primary sector of the asbestos industry -- those employers who receive, store, handle and process raw asbestos fiber. Further studies will be undertaken that will be concerned with the secondary sector and with the consumer. The proposal presented by AIA/NA was accepted by an overwhelming majority of the companies and trade associations present at the meeting.

c) The Board was reminded that an Environmental Task Group had been formed to study problems of asbestos dust generation and control at each step in the various asbestos textile manufacturing processes. The findings of the Group are to be added to ATI's Position Paper on OSHA's proposed revision to the "Asbestos Standard."

d) Additional comments received from Institute member companies will also be incorporated into the ATI Position Paper. When all material is at hand, a final draft will be prepared and sent to each Governor for his approval, after which it will be submitted to the U.S. Department of Labor by the designated deadline for comments, currently extended to April 9, 1976. It will deal specifically and solely with the asbestos dust problems of the asbestos textile manufacturing industry.

13. NEW MEMBER INTEREST: The Secretary reported Francisco Stedile S.A. "Fras-le", Caxius do Sul, Brazil, has expressed interest in possibly becoming a member of the ATI. It is believed the firm is a manufacturer of brake linings and clutch facings and of small amounts of asbestos yarn, tape and cloth from raw fiber. Under a directive from the Board, the Secretary will issue an invitation to Francisco Stedile to apply for membership as of September 1, 1976, the beginning of the new fiscal year.

14. ATI REGISTERING AS A FOREIGN AGENT: Attorney Alcorn alerted the Board that, in light of the new membership thrust coming into effect September 1, 1976, it may be necessary for the ATI to register with the U.S. Department of State as a foreign agent, representative of foreign companies. The new membership criteria is actually a redefinition of a community of interests, i.e., the members of ATI are now, due to changes in the overall industry itself, interested in certain aspects of the international asbestos textile business. The ATI would not be representing foreign companies, individually, but a community of interests that exists among its members. The matter will be discussed in greater detail at a later date.

15. ENVIRONMENTAL TASK GROUP: Chairman L. E. Moody reported the Group had met the evening of February 4, 1976, and all day February 5, 1976. When the written report is completed, it will be sent to the Secretary for distribution to each Governor and, ultimately, to each member of the Task Group. The Group discussed each piece of asbestos textile machinery now being used and how it generates asbestos dust and how it can be contained. It was agreed the more

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difficult problems were evident in carding and in the transporting of blended stock. Also determined was that it was not possible to consistently maintain a 5-fiber, time-weighted average at all points and for all employees, the reason being that certain people, such as mechanical and maintenance people, who must service machinery will be obliged to work, on occasion, in areas above the "5-fiber" level. However, it is possible to meet the 5-fiber TWA for the majority of asbestos textile production employees. The general consensus was that the 2-fiber limitation could be met in most instances in approximately five years and at considerable expense. The economics of the enormous cost involved was questioned. It was also agreed that meeting the "0.5-fiber" proposal seems unreachable by today's technology, would take an undetermined amount of time, and may well necessitate a complete restructuring of manufacturing processes, resulting in products that will be totally different from those currently produced -- and the economic impact would be fantastic.

16. COMMITTEE REPORTS AND DISCUSSIONS:

a) Technical - report by Acting Chairman W. Maaskant, Amatex Corporation -- Editorial changes to ASTM D1118--Magnetic Rating were approved; a proposed statement on the precision and accuracy section of ASTM D1571--Woven Asbestos Tape will be issued for review; ASTM D1918-72--Asbestos Content is the next Method that will be up for revision; and revisions are in order for ASTM D299--Yarn when it is due for review. The Committee is prepared to review Military Specifications MIL-I-15349c--Thermal Insulating Tape and HH-T-1782--Asbestos Tape.

Due to illness, P. O. Nicodemus may be retiring as Chairman of ASTM Sub-Committee D-13.14 on Asbestos Textiles. If and when that occurs, it has been proposed that the Chairman of the ATI Technical Committee also serve as Chairman of D13.14.

Mr. Maaskant is serving as Acting Chairman of the ATI Technical Committee, filling the vacancy created by C. S. Barnwell leaving the post because of the resignation from ATI of Uniroyal, Inc.

The Committee has requested more participation in its activities by representatives of other Member Companies, especially of Garlock Inc. and of Canadian Johns-Manville Co. Ltd.

b) Fiber Research & Testing - report by Committee Member D. E. Childers, Southern Asbestos Company -- At the last meeting it was decided to run a Round-Robin test on dust counts, using the membrane filter method via the most-recent OSHA standards. Test results received to date indicate the same counting procedure was not followed by all laboratories. Therefore, another Round-Robin test will be done, with instructions that all participants follow the same procedure. What is hoped to be accomplished is to determine the merits of the method or to improve upon the procedure.

The group has been sitting in with the Technical Committee, offering its assistance where needed.

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MS 006648

MT-006053

Page 7 - ATI INC Board of Governors' Meeting - 2/5/76

c) Environmental - report by Chairman L. E. Moody, Southern Asbestos Company -- A representative from Nilfisk of America, Inc., is scheduled to show his company's vacuum cleaning equipment. Of specific interest will be newly-developed air filters which are claimed to keep airborne asbestos dust to below the 0.5 fiber/cc level.

The Committee will also discuss certain parts of the OSHA proposed revision to the "Asbestos Standard," especially as it relates to recordkeeping, sanitary facilities, regulated areas and mechanical ventilation systems.

17. ADJOURNMENT: There being no further business to be brought before the Board of Governors, a motion for adjournment was made by Mr. Scowcroft, seconded by Mr. Scanlan, and so carried. The meeting was adjourned at 4:00 p.m.

Respectfully submitted,



Doris M. Fagan,
Executive Secretary

MS 006649

MT-006054

ASBESTOS TEXTILE INSTITUTE

FOUNDED 1944



8-PAGE REPORT OF FUNDS

9/1/75 THRU 12/31/75

PREPARED AS OF 12/31/75 BY:

Doris M. Fagan
Doris M. Fagan, Assistant Treasurer

APPROVED

BY

Michael J. Scanlan
Michael J. Scanlan, ATI Treasurer

SUBJECT TO AUDIT AT END OF
FISCAL YEAR 1975-76

MS 006650

MT-006055

Attachment I/page 1 of 9

ASBESTOS TEXTILE INSTITUTE, INC.

Fiscal Year ending August 31, 1976

Report of Funds

Period: September 1, 1975, thru December 31, 1976

BALANCE ON HAND - September 1, 1975:

Checking Account	\$ 700.48	
Savings Account	20,936.45	
Petty Cash Account	46.21	
	<u>\$ 21,683.14</u>	
Less Litigation Defense Fund	- 13,083.93	
TOTAL ON HAND - September 1, 1975		\$ 8,599.21

RECEIPTS:

Booklet Sales	\$ 46.65	
Test Manual Sales	748.90	
Members' Dues	9,750.00	
Interest on Savings	388.93	
ATI Meeting Expense Reimbursement	112.00	
Reimbursement from Litigation Defense Fund/Supplies	38.01	
TOTAL RECEIPTS		+ 11,084.49
		\$ 19,683.70

DISBURSEMENTS:

Legal Services & Expenses	\$ 1,154.01	
Incorporation Expenses	356.35	
Secretary's Gross Wages	871.00	
Taxes on Wages Paid by ATI, Inc.	46.49	
ATI Meeting Expense	2,016.65	
Secretary's Travel Expense	267.79	
Telephone	234.65	
Printing/Office Supplies	391.26	
Postage	139.50	
Postage--Test Manual	80.04	
Rental of Office Space	165.00	
Accountant/Caruso/1974-75	300.00	
Booklet Sale Refunds	9.25	
TOTAL DISBURSEMENTS		- 6,031.99
BALANCE ON HAND - December 31, 1975		\$ 13,651.71

BALANCE ON HAND - December 31, 1975:

Checking Account	\$ 1,583.08	
Savings Account	12,068.30	
Petty Cash Account	.33	
TOTAL AVAILABLE FUNDS - December 31, 1975		\$ 13,651.71

MS 006651

ASSETS AS OF December 31, 1975:

Total Funds As Listed Above	\$ 13,651.71	
Accounts Receivable -- Members' Dues	1,875.00	
Charged Expenses	24.72	
Furniture & Equipment/Nominal Value	1.00	
TOTAL ASSETS		\$ 15,552.43

MT-006056

LIABILITIES AS OF December 31, 1975:

Accrued Taxes	\$ 296.11	
TOTAL LIABILITIES		- 296.11

TOTAL NET WORTH AS OF DECEMBER 31, 1975 **\$ 15,256.32**

EXPENSES AGAINST BUDGET

INCOME:

	<u>Budgeted</u> <u>F/Y 1975-76</u>	<u>Received To</u> <u>12/31/75</u>
Members' Dues	\$ 13,125.00	\$ 9,750.00
Interest on Savings	1,000.00	388.93
Booklet/Magnetite Sample Sales	100.00	37.40
Test Manual Sales	500.00	668.86
	<u>\$ 14,725.00</u>	<u>\$ 10,845.19</u>

DISBURSEMENTS:

	<u>Budgeted</u> <u>F/Y 1975-76</u>	<u>Received To</u> <u>12/31/75</u>
Legal Services/Expenses	\$ 4,800.00	\$ 1,510.36
Secretary's Gross Wages	3,000.00	871.00
Taxes on Wages Paid by ATI, Inc.	175.00	46.49
ATI Meeting Expense	1,000.00	1,904.65
Secretary's Travel Expense	600.00	267.79
Telephone	500.00	234.65
Printing/Office Supplies	850.00	353.25
Postage	600.00	139.50
Rental of Office Space	660.00	165.00
Accountant/Caruso/1974-75	300.00	300.00
ASTM Dues	25.00	..
Gifts/Flowers/Plaques	300.00	..
Insurance	160.00	..
	<u>\$ 12,970.00</u>	<u>\$ 5,792.69</u>

<u>Income</u>	<u>Expenses</u>	<u>Actual Current</u> <u>Picture</u>
Expected Income...\$14,725.00	Budgeted...\$12,970.00	Income...\$10,845.19
Received To Date...-10,845.19	Expenses...- 5,792.69	Expended...- 5,792.69
Outstanding.....\$ 3,879.81	\$ 7,177.31	\$ 5,052.50
Uniroyal.....+ 1,500.00		
\$ 2,379.81		

MS 006652

CHRYSTILE ASBESTOS TEST MANUAL, 3RD EDITION

RECEIPTS AS OF AUGUST 31, 1975 \$ 21,536.78

Receipts - September 1975 \$ 437.65

October 1975 109.75

November 1975 102.75

December 1975 98.75

TOTAL RECEIPTS - 9/1/75 thru 12/31/75 + 748.90

TOTAL RECEIPTS TO DATE \$ 22,285.68

DISBURSEMENTS AS OF AUGUST 31, 1975 \$ 22,609.53

Disbursements - Postage and Related

Costs 9/1/75 thru 12/31/75 + 80.04

TOTAL DISBURSEMENTS TO DATE - 22,689.57

NET LOSS AS OF DECEMBER 31, 1975 (\$ 403.89)*

*Loss incurred 9/1/74 thru 8/31/75...\$1072.75

Loss incurred 9/1/75 thru 12/31/75...- 403.89

Loss decrease since 8/31/75.....\$ 668.86

Overrun (approximate)..... 136

Additional received from printer.... + 34

Available for sale..... 170

Sold thru 12/31/75..... - 93

Balance on Hand for Sale..... 77

MS 006653

DISBURSEMENTS VOUCHER

<u>Check #</u>	<u>Date</u>	<u>Amount</u>	<u>Payable To</u>	<u>For</u>
1327	9 /10/75	\$ 60.00	Amelia Island Plant.	Advance Deposit 10/75
1328	9 /15/75	32.23	Kwick Print Inc.	Repro's
1329	9 /16/75	23.10	Bell of Pennsylvania	Telephone - Aug 1975
1330	9 /16/75	5.25	AIA/NA	Handbook of Fed Reg's
1331	9 /25/75	50.00	Cash	Petty Cash Account
1332	9 /25/75	127.00	Doris M. Fagan	Net Wages - Sep 1975
1333	9 /26/75	9.92	United Parcel Svc.	Test Manual Shipment
1334-A	9 /26/75	1.98	United Parcel Svc.	Test Manual Shipment
1334-B	9 /30/75	48.00	Doris M. Fagan	Bal. Due/Net Wages-9/75
1335	10/ 3/75	175.00	Phy. Fitness Inst.	Honorarium/Speaker/10-75
1336	10/ 8/75	51.90	Kwick Print Inc.	Repro's
1337	10/10/75	48.58	Bell of Pennsylvania	Telephone - Sep 1975
1338	10/17/75	16.00	AIA/NA	Advance Copy/OSHA Rev.
1339	10/17/75	22.17	ASBESTOS Magazine	Postage/Add. Plates-9/75
1340	10/17/75	15.11	Kwick Print Inc.	10/75 Mtg Notice Inserts
1341	10/24/75	50.00	Cash	Petty Cash Account
1342	10/24/75	6.65	Pa. Unem. Comp. Fund	Unem Tax - Jul-Aug 1975
1343	10/28/75	108.41	Internal Revenue Svc	Inc/FICA Taxes - Jul-Aug
1344	10/28/75	8.06	Pa. Dept. of Revenue	Pers Inc Tax - Jul-Aug
1345	10/28/75	5.75	Pa. Dept. of Revenue	Pers Inc Tax - Sep 1975
1346	10/28/75	83.87	Internal Revenue Svc	Inc/FICA Taxes - Sep 75
1347	10/28/75	<u>4.75</u>	Pa Unem Comp Fund	Unem Tax - Sep 1975
SUB-BALANCE		\$ 953.73		

MS 006654

more.....

Attachment I/page 5 of 9

MT-006059

DISBURSEMENTS VOUCHER -- CONTINUED

<u>Check #</u>	<u>Date</u>	<u>Amount</u>	<u>Payable To</u>	<u>For</u>
<u>SUB-BALANCE/PAGE 1 \$ 953.73</u>				
102	10/31/75	175.00	Doris M. Fagan	Net Wages - Oct 1975
103	11/12/75	50.00	Cash	Petty Cash Account
104	11/12/75	100.35	Bell of Pennsylvania	Telephone - Oct 1975
105	11/14/75	1,510.36	Cadwalader, W&T	Legal Exp - 3rd Qtr 75
106	11/14/75	304.50	David A. Caruso	Accountant - 1974/75
107	11/14/75	251.44	Secretary's Esp	Annual Mtg - Oct 1975
108	11/14/75	1,516.63	Amelia Island Plant.	Annual Mtg Esp - 10/75
109	11/12/75	165.00	ASBESTOS Magazine	Office Rental/4th Qtr 75
110	11/12/75	22.13	ASBESTOS Magazine	Postage - Oct 75
111	11/12/75	41.98	Kwick Print Inc.	Covers for Minutes
112	11/12/75	7.00	Sir Speedy	Rubber Stamp
113	11/24/75	11.60	Notaries Equipt Co	Corporate Seal
114	11/24/75	239.22	Stouffer's	Special Mtg - 11/13/75
115	11/24/75	25.80	Projection Inc.	Projector " " " " " "
116	11/24/75	27.39	Kwick Print Inc.	Repro's
117	11/26/75	59.17	ASBESTOS Magazine	Postage/Mail 10/75 Minutes
118	11/26/75	50.00	Cash	Petty Cash Account
119	11/26/75	175.00	Doris M. Fagan	Net Wages - Nov 1975
120	Voided	Voided	Voided	Voided
121	12/10/75	19.09	ASBESTOS Magazine	Postage - Nov 1975
122	12/15/75	62.62	Bell of Pennsylvania	Telephone - Nov 1975
123	12/18/75	20.95	Kwick Print Inc.	Repro's
124	12/31/75	<u>175.00</u>	Doris M. Fagan	Net Wages - Dec 1975
		<u>\$ 5,963.96</u>		

MS 006655

MT-006060

more.....

Attachment I/page 6 of 9

DISBURSEMENTS VOUCHER - CONTINUEDDisbursements Recap

Checking Account	\$ 5,963.96
Savings Account	..
Supply of Checks 12/17/75	+ 19.75
	\$ 5,983.71
Petty Cash Account	+ 248.28
	\$ 6,231.99
*Less Checks Drawn for Petty Cash	- 200.00
	\$ 6,031.99
*9 /25/75 - Check #1331	\$ 50.00
10/24/75 - Check #1341	50.00
11/12/75 - Check # 103	50.00
11/26/75 - Check # 118	50.00
	<u>\$200.00</u>

Withdrawals from Savings Account
for Deposit in Checking Account:

10/24/75	\$1,000.00
11/ 7/75	4,000.00
11/14/75	1,000.00
	<u>\$6,000.00</u>

MS 006656

more.....Attachment I/page 7 of 9

MT-006061

DISBURSEMENTS FROM PETTY CASH ACCOUNT

BALANCE SEPTEMBER 1, 1975 \$ 46.21

RECEIPTS: Book Sale 9/15/75 \$ 2.40

Cash Deposit via Check #1331 9/25/75 50.00

+ 52.40

\$ 98.61

EXPENDITURES

001 -- General - AIA/NA Book of Federal Standards \$ 5.25

002 -- General - Postage/10/75 reservation list to Amelia Island . . . 4.05

003 -- General - Postage/Financial File F/Y 1974-75 for audit 5.26

004 -- General - Postage/Test Manual to Superlit, Turkey 3.80

005 -- General - Postage/Test Manual to National Gypsum, New Orleans. .74

006 -- General - Postage/Test Manual to Adco, Richmond Hill, NY74

007 -- General - Two Copies of ASBESTOS Magazine for client 1.00

008 -- General - Tape Cartridges for 10/75 Annual Meeting 15.75

009 -- General - Repro's 26.35TOTAL EXPENDITURES - SEPTEMBER 1-30, 1975 - 62.94

BALANCE SEPTEMBER 30, 1975 \$ 35.67

RECEIPTS: Cash Deposit via Check #1341 10/24/75 \$50.00

+ 50.00

\$ 85.67

EXPENDITURES

010 -- General - Postage/Test Manual to Wehrhahn, Germany \$16.25

011 -- General - Postage/Test Manuals to Fuji Books, Tokyo,
and to Johns-Manville Library, Denver, Colorado. . . 4.54012 -- General - Postage/Test Manuals to Amiantit, Athens,
Greece, and to Blackwell's, New York City 4.54013 -- General - Repro's 27.72TOTAL EXPENDITURES - OCTOBER 1-31, 1975 - 53.05

BALANCE OCTOBER 31, 1975 \$ 32.62

DISBURSEMENTS FROM PETTY CASH ACCOUNT - CONTINUED

BALANCE NOVEMBER 1, 1975		\$ 32.62	
RECEIPTS: Cash Deposit via Check #103 11/12/75	\$ 50.00		
Cash Deposit via Check #118 11/26/75	<u>50.00</u>		<u>+100.00</u>
			\$132.62
<u>EXPENDITURES</u>			
014 -- Mailing Test Manuals to W.Germany & Denmark	\$ 9.85		
015 -- Mailing Test Manual to Washington, D.C.	.74		
016 -- Tapes & Batteries for ATI INC OSHA/Standard Meeting . . .	11.78		
017 -- Secretary's Expenses for ATI INC OSHA/Standard Meeting. .	16.35		
018 -- Tip for delivery of Test Manuals from printer	2.00		
019 -- To ASBESTOS Magazine for Factbook for client	1.00		
020 -- Clerical Help for Annual Meeting Minutes, etc.	24.00		
021 -- Repro's -- all for general purposes	16.65		
022 -- Repro's -- Litigation Expense/to be billed 11/30/75 . . .	<u>3.81</u>		
TOTAL EXPENDITURES - NOVEMBER 1975			<u>- 86.18</u>
BALANCE NOVEMBER 30, 1975			\$ 46.44
023 -- To ASBESTOS Magazine for Factbook for client	\$ 1.00		
024 -- Mailing Test Manuals to Thetford Mines, Canada	16.40		
025 -- Mailing Test Manuals to India & Delaware	4.54		
026 -- Shipping ATI booklets to Consad for OSHA Impact Statement	3.13		
027 -- To ASBESTOS Magazine for Factbook for client	1.00		
028 -- Mailing Test Manuals to Belgium/Chile/Mexico/Illinois . .	4.00		MS 006658
029 -- Repro's -- all for general purposes	<u>16.04</u>		
TOTAL EXPENDITURES - DECEMBER 1975			<u>- 46.11</u>
BALANCE DECEMBER 31, 1975			\$.33

Minutes

BOARD OF GOVERNORS' MEETING

Asbestos Textile Institute

FEB 5 1976

MS 006659

MT-006064

ASBESTOS TEXTILE INSTITUTE

MEETING - BOARD OF GOVERNORS

February 5, 1976

Sheraton National Motor Hotel, Arlington, Virginia

A G E N D A

1. Call To Order - 1:30 p.m. -- A. Kuzmuk, Chairman
2. Minutes of Last Stated Meeting -- Executive Secretary
3. Financial Report -- M. J. Scanlan, Treasurer
 - a) Statement of Account of Litigation Defense Fund
 - b) All Pertinent Monies Transferred to the Corporation
4. Tyler Litigation -- W. B. Alcorn, Jr., ATI Trial Counsel
5. Adjournment - 1:45 p.m.

M I N U T E S

IN ATTENDANCE:

Garlock Inc. - A. Kuzmuk, Chairman
 Amatex Corporation - M. J. Scanlan
 Raybestos-Manhattan, Inc. - M.Q. Scowcroft
 Southern Asbestos Company - E. C. Bratt

ATI Trial Counsel - W. B. Alcorn, Jr., Esq.,
 of Cadwalader, Wickersham & Taft

ATI Executive Secretary - D. M. Fagan

MS 006660

1. The February 5, 1976, Meeting of the Board of Governors of the Asbestos Textile Institute was called to order at 1:30 p.m. by Chairman Kuzmuk.
2. Upon presentation, it was moved by Mr. Bratt and seconded by Mr. Scowcroft to dispense with the reading of the Minutes of the last stated Meeting and to accept them as written. The motion was approved, unanimously.
3. The status of the Litigation Defense Fund (see Attachment I) for the first four months of the latest Fiscal Year was reported by Treasurer Scanlan. Cash balance on hand at September 1, 1975, was
more.....

MT-006065

\$13,083.93. Receipts comprised solely of interest on savings totaled \$158.81. Disbursements for office expenses and legal costs and fees amounted to \$3,877.78. This resulted in a cash balance at December 31, 1975, of \$9,364.96 -- deemed sufficient to cover expenses through April 30, 1976. It was moved by Mr. Scowcroft, seconded by Mr. Bratt, and so carried, unanimously, to accept the Report as presented. It will be filed for audit.

Treasurer Scanlan advised that all monies being held for the [redacted], transferred to the new organization by the end

[redacted] it was moved by Mr. Scowcroft, seconded by Mr. Bratt, and unanimously approved to adjourn the Meeting. The Meeting was adjourned at 1:45 p.m.

Respectfully submitted,

Doris M. Fagan

Doris M. Fagan,
Executive Secretary

MS 006661

MT-006066

ASBESTOS TEXTILE INSTITUTE
LITIGATION DEFENSE FUND

ESTABLISHED: APRIL 1, 1974

PERIOD: SEPTEMBER 1, 1975, THRU DECEMBER 31, 1975 -- F/Y 1975-76

BALANCE ON HAND - September 1, 1975 \$ 13,083.93

RECEIPTS:

12/10/75 - Bank Service Charge/Waived. \$	.84
12/31/75 - Interest on Savings	<u>157.97</u>
TOTAL RECEIPTS	+ <u>158.81</u>
	\$ 13,242.74

DISBURSEMENTS:

10/31/75 - To ATI, Inc., for Office Expenses 9/1/75-10/31/75 . \$	4.61
11/14/75 - Cadwalader, Wickersham & Taft	1,450.00
11/14/75 - Hathaway & Jackson	2,388.93
11/28/75 - Bank Service Charge	.84
12/15/75 - To ATI, Inc., for Office Expenses - November 1975. .	<u>33.40</u>
TOTAL DISBURSEMENTS	- <u>3,877.78</u>

BALANCE ON HAND - DECEMBER 31, 1975 \$ 9,364.96*

*Checking Account: \$ 323.54
 Savings Account: +9,041.42
\$9,364.96

MS 006662

Attachment I

MT-006067

ATI-139

RECEIVED

APR 2 1976

**Minutes
GENERAL MEETING
Asbestos Textile Institute**

FEB 6 1976

MS 006663

MT-006068

ASBESTOS TEXTILE INSTITUTE

1976 WINTER MEETING

February 6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

LIST OF DELEGATES

AMATEK CORPORATION

W. Mhasant
J. L. Rainey
M. J. Scanlan
H. H. Walter

ASBESTOS CORPORATION LTD.

W. B. R. Callan
P. E. Leclerc

ATLAS TEXTILE COMPANY

W. H. Johnston

BELL ASBESTOS MINES LTD.

J. M. Loblond
W. H. Smith

CANADIAN JOHNS-MANVILLE CO. LTD.

E. M. Hay
J. P. Power

GARLOCK INC.

S. G. Dixit
A. Kuzmuk

NIPPON ASBESTOS CO. LTD.

Y. Sato
S. Shima

RAYBESTOS-MANHATTAN, INC.

C. D. Colson
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. O. Moebius
M. Q. Scowcroft

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echord
L. E. Moody

TEA INDUSTRIAL PRODUCTS LTD.

E. J. Corson

ASBESTOS TEXTILE INSTITUTE

W. B. Alcorn, Jr., Esq.,
ATI Legal Counsel,
Cadwalader, Wickersham & Taft

D. M. Fagan,
ATI Executive Secretary

Total attendance during the two-day 1976 Winter Meeting was 23 people: 26 members, 1 legal counsel, and 1 secretary -- representative of 10 member companies, plus ATI.

more.....

MS 006664

MT-006069

M I N U T E S

1. The 1976 Winter General Meeting of the Asbestos Textile Institute was called to order by President A. Kuzmuk at 1:00 p.m., February 6, 1976, at the Sheraton National Motor Hotel, Arlington, Virginia.

2. Upon the calling for a reading of the Minutes of the last stated meeting, it was moved by S. G. Dixit, seconded by L. E. Moody, and unanimously approved, to dispense with the reading thereof.

3. In the absence of Treasurer M. J. Scanlan, President Kuzmuk presented the Financial Report of the Litigation Defense Fund as of December 31, 1975. The balance on hand at September 1, 1975, was \$13,033.93, receipts to date totaled \$153.81 and disbursements amounted to \$3,877.78 -- leaving a cash balance at December 31, 1975, of \$9,364.96. It was noted the funds available are expected to be sufficient to cover anticipated expenses between now and the Spring Meeting in June of this year. The entire Report is attached
t

3

ed to change during the con

5. As advised by President Kuzmuk, the next General Meeting of the Asbestos Textile Institute will be held June 3-4, 1976, at Stouffer's National Center Inn, Arlington, Virginia.

6. There being no further business to be brought before the general membership, a motion to adjourn was made by P. E. Leclerc, seconded by C. A. Kennedy, and so moved. The meeting was adjourned at 1:15 p.m.

Respectfully submitted,

Doris M. Fagan

Doris M. Fagan,
Executive Secretary

MS 006665

MT-006070

ASBESTOS TEXTILE INSTITUTE
LITIGATION DEFENSE FUND

ESTABLISHED: APRIL 1, 1974

PERIOD: SEPTEMBER 1, 1975, THRU DECEMBER 31, 1975 -- F/Y 1975-76

BALANCE ON HAND - September 1, 1975 \$ 13,033.93

RECEIPTS:

12/10/75 - Bank Service Charge/Waived.	\$.84
12/31/75 - Interest on Savings	<u>157.97</u>
TOTAL RECEIPTS	+ <u>158.81</u>
	\$ 13,242.74

DISBURSEMENTS:

10/31/75 - To ATI, Inc., for Office Expenses 9/1/75-10/31/75	\$ 4.61
11/14/75 - Cadwalader, Wickersham & Taft	1,450.00
11/14/75 - Hathaway & Jackson	2,388.93
11/23/75 - Bank Service Charge	.84
12/15/75 - To ATI, Inc., for Office Expenses - November 1975.	<u>33.40</u>
TOTAL DISBURSEMENTS	- <u>3,877.78</u>
BALANCE ON HAND - DECEMBER 31, 1975	\$ 9,364.96*

*Checking Account: \$ 323.54
 Savings Account: +9,041.42
 \$9,364.96

MS 006666

Attachment I

MT-006071

ASBESTOS TEXTILE INSTITUTE, INC.

MINUTES -- GENERAL MEETING

Feb. 6, 1976

MS 006667

PRODUCED
JM - 83

MT-006072

ASBESTOS TEXTILE INSTITUTE, INC.

1976 WINTER MEETING

February 6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

LIST OF DELEGATES

AMATEX CORPORATION

W. Maskant
J. L. Rainey
M. J. Scanlan
E. H. Walter

ASBESTOS CORPORATION LTD.

W. B. R. Callan
P. E. Leclerc

ATLAS TEXTILE COMPANY

W. H. Johnston

BELL ASBESTOS MINES LTD.

J. M. Leblond
W. H. Smith

CANADIAN JOHNS-MANVILLE CO. LTD.

H. M. Hay
J. P. Power

CARLOCK INC.

S. G. Dixit
A. Kuzmuk

NIPPON ASBESTOS CO. LTD.

Y. Sato
S. Shima

RAYBESTOS-MANHATTAN, INC.

C. D. Colson
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. O. Moebius
M. Q. Scowcroft

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echerd
L. E. Moody

TBA INDUSTRIAL PRODUCTS LTD.

H. J. Corson

ASBESTOS TEXTILE INSTITUTE, INC.

W. B. Alcorn, Jr., Esq.,
ATI Legal Counsel,
Cadwalader, Wickersham & Taft

D. M. Fagan,
ATI Executive Secretary

Total attendance during the two-day 1976 Winter Meeting was 28 people: 26 members, 1 legal counsel, and 1 secretary -- representative of 10 member companies, plus ATI.

M I N U T E S

1. The 1976 Winter General Meeting of the Asbestos Textile Institute, Inc., was called to order by President A. Kuzmuk at 1:15 p.m., February 6, 1976, at the Sheraton National Motor Hotel, Arlington, Virginia.

MORE.....

MS 006668

MT-006073

PRODUCED
JM - 83

2. President Kuzmuk welcomed all members to the meeting and asked each member to rise and give his name and company affiliation. The complete list of delegates appears on page 1 of these Minutes.

3. Upon a call for the reading of the Minutes of the last meeting, it was moved by S. G. Dixit, seconded by L. E. Moody, and unanimously approved, to dispense with the reading of same.

4. In the absence of Treasurer Scanlan, a report on the financial status of the Corporation was presented by President Kuzmuk. On September 1, 1975, the balance on hand was \$8,599.21. Added to this figure were total receipts of \$11,034.49, the most notable being \$9,750.00 from Members' dues and \$748.90 from sales of the Chrysotile Asbestos Test Manual, 3rd edition. Total expenditures were \$6,031.99, leaving a cash balance at the end of December of \$13,651.71. Taking into account known assets and liabilities, the total net worth of the Corporation at December 31, 1975, amounted to \$15,256.32. The entire Report of Funds, which will be filed for audit, is attached to these Minutes as Attachment I.

5. The Fiber Producers' Report was presented by P. E. Leclerc. Total shipments for 1975 of asbestos by member companies of the Quebec Asbestos Mining Association show a decline of 42.5% from 1974. For Group 3 grades, the decline was 69%. At year-end, inventories of Group 3 grades were 65% lower than a year ago. The 7-month strike at the Quebec asbestos mines is partially responsible for the decrease. The supply situation of the longer spinning grades is tight. Demand and supply of the regular spinning grades appear to be in balance. See Attachment II for the Fiber Producers' Report in its entirety.

6. Technical Committee Member J. W. Hawkins reported that his group met February 5 and 6 to review several ASTM Standards and a Military Specification. . . . Mr. Hawkins announced that the Technical Committee, which had 8 members about 5 years ago, has been reduced to 3 members. Additional members are needed in order to have an active, on-going group. The Committee is suggesting that representatives be sent from Johns-Manville Corporation and Garlock Inc. Others that can give technical assistance are requested to volunteer. . . . It was advised that the ATI Technical Committee and ASTM Sub-Committee D13.14 were one in the same with the exception of P. O. Nicodemus who serves as Chairman of D13.14 and as liaison between ASTM and ATI. Mr. Nicodemus is in ill health and is not in position to travel, but he has agreed to continue with these responsibilities for the time being. When the time comes that he becomes unable to be active, the ATI Technical Committee has decided that the Chairman of both the ASTM and the ATI Committees should be the same person -- rotating at two-year intervals. See Attachment III for the complete Technical Committee Report.

Page 3 - ATI INC. 1976 Winter Meeting - 2/6/76

7. In the absence of Chairman R. A. Kuntze, a report on the activities of the Fiber Research & Testing Subcommittee was given by D. E. Childers. A comparison test is underway on dust counting, using the membrane filter method. Test results thus far indicate the laboratories involved did not use the same counting procedure. Therefore, a second Round-Robin test will be run and it will be emphasized that all those participating should use the OSHA method of counting. See Attachment IV for the entire Fiber Research & Testing Subcommittee Report.

8. Chairman L. E. Moody advised that the special Environmental Task Group met on February 4-5 to carry out the project assigned to it by the ATI Board of Governors -- which was to define each piece of asbestos textile manufacturing equipment; to determine how an asbestos fiber becomes airborne at each location; to describe the current means to capture and control airborne asbestos fiber; and to report on the effectiveness of the present controls. Chairman Moody will shortly issue a report to the Secretary on the findings of the Task Group. The Report, in turn, will be submitted to the Board of Governors. Ultimately, the information will become a part of the ATI Position Paper which will serve as the Institute's comments to the U.S. Occupational Safety and Health Administration on the proposal to revise the "Asbestos Standard."

9. As reported by Chairman Moody, the Environmental Committee met on February 6 during which it received a presentation and demonstration by Mr. Robert S. Magdelain on Nilfisk vacuum cleaning equipment. Secondly, a discussion was held on the events of the meeting held on February 4 by the Asbestos Information Association/North America re the Industry Response it is preparing to the proposed revision of the "Asbestos Standard." Lastly, the Committee reviewed several sections of the afore-mentioned Standard, specifically those relating to recordkeeping, facility requirements such as showers, regulated areas, and mechanical ventilation systems. See Attachment V for the entire Environmental Committee Report.

10. President Kuzmuk advised that the Secretary would soon be sending response forms to all member companies, requesting them to indicate their acceptance or non-acceptance of the new membership structure which becomes effective September 1, 1976, and which was fully defined in the Minutes of the 1975 Annual General Meeting of ATI, Inc., in paragraphs 11 and 12 on page 4. It was reiterated that the Institute is opening its membership to a greater number of companies so they may become Regular Members and serve on the Board of Governors. The purpose of the mailing piece is to enable the Board to determine who will become Regular Members at the start of the next fiscal year. President Kuzmuk requested all member companies to

more.....

MT-006075

PRODUCED
JM - 83

MS 006670

Page 4 - ATI INC. 1976 Winter Meeting - 2/6/76

respond promptly so all of the data will be available to the Board at its Meeting on June 3, 1976.

11. It was regrettably announced by President Kuzmuk that as a result of a corporate decision, Uniroyal, Inc., had resigned as a Member of the ATI. He stated the Board had accepted the resignation with a great deal of regret as the various representatives of Uniroyal had been a great asset to the Institute over the years, having performed effectively in its many activities, both administratively and at Committee level.

12. Because of Uniroyal's resignation from the Institute, vacancies were created in the Office of Vice-President and in the Chairmanship of the Technical Committee. President Kuzmuk announced that through the remainder of this fiscal year and until the 1976 Annual Meeting, Treasurer Scanlan will take on the additional duties of Vice-President of the Institute. W. Maaskant will serve as Acting Chairman of the ATI Technical Committee.

13. President Kuzmuk informed the membership that the dates of the next General Meeting of ATI, Inc., remained at June 3-4, 1976, although the site had been changed to Stouffer's National Center Inn, Arlington, Virginia. The move was made in the interest of economy when it was learned that Twin Bridges Marriott in Arlington (the previously-scheduled site) had established new prices for meeting space that seemed exorbitant and an unnecessary expense.

14. It was reported by President Kuzmuk that the ATI Position Paper had been reviewed at this meeting. It is about ready for final draft form and should be completed and approved by the Board for submission to OSHA by the deadline which presently is April 9, 1976.

The ATI Position Paper will incorporate the outcome of discussions at the special meeting held by the Institute on November 13, 1975; data received and compiled following that meeting; and the findings of the Environmental Task Group (referred to in paragraph 8 of these Minutes). It will be concerned specifically with the position of the asbestos textile manufacturing industry in the U.S. In addition, ATI is coordinating with AIA/MA in its project toward preparing and submitting a total Asbestos Industry Response to OSHA.

15. There being no further business to be brought before the membership, it was moved by P. E. Leclerc and seconded by C. A. Kennedy that the meeting be adjourned. The motion was carried and the meeting adjourned at 2:00 p.m.

MS 006671

Respectfully submitted,

PRODUCED
JM - 83

MT-006076

Doris M. Fagan
Doris M. Fagan,
Executive Secretary

FIBER PRODUCERS' REPORT

Presented by Paul E. Leclerc, Sales Director, Asbestos Corporation Ltd., at the 1976 Winter General Meeting of the Asbestos Textile Institute, Inc., Sheraton National Motor Hotel, Arlington, Virginia
-- February 6, 1976

Total shipments of the Quebec Asbestos Mining Association member companies for 1975 show a decline of 42.5% from 1974. For group 3, the decline was 69%. The seven-months' strike in the Thetford-Black Lake-East Broughton area is partially responsible for this drop.

At the end of 1975 the combined inventory of the QAMA members was the lowest ever; the stocks on hand of group 3 grades were 65% lower than they were the previous year; total stocks were 59% lower as well -- and I should add that 50% of the inventory was made up of group 7 grades.

The supply situation of the longer spinning grades such as 3F, Cassiar AAA and Cassiar AA is rather tight. The demand and supply of the regular spinning grades appear to be in balance at this time.

Grades in groups 4, 5 and 6 are very much in demand, and definitely in short supply. The demand for grades in group 7 continues to be good, particularly in the "open type" grades.

MS 006672

MT-006077

PRODUCED
JM - 83

Attachment II

TECHNICAL COMMITTEE REPORTASBESTOS TEXTILE INSTITUTE, INC.February 5-6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

IN ATTENDANCE: Amatex Corporation -- W. Maaskant, Acting Chairman
 Raybestos-Manhattan, Inc. -- J. W. Hawkins
 Southern Asbestos Company -- D. E. Childers;
 J. W. Echerd

1. ASTM D-1118--Magnetic Rating -- Editorial changes approved by letter of ballot and will be incorporated in next annual issue.
2. ASTM D-315--Asbestos Tape, Woven and ASTM D-1571--Asbestos Cloth, Woven -- Proposed statement on precision and accuracy being sent out for review; upon return, comments will be analyzed and proposed statements will be submitted for letter of ballot.
3. ASTM D-1918-72--Asbestos Content -- This method is next on the agenda for revision. At this time, no editorial changes are suggested.
4. ASTM/ATI relationship was discussed and, in view of the retirement from General Electric of Mr. P. O. Nicodemus, Chairman of ASTM Sub-Committee D13.14 on Asbestos, it was decided to await the outcome of the June 1976 ATI meeting as to what steps to take in the future. Since Mr. Barnwell of Uniroyal, Inc., no longer is active due to the resignation of Uniroyal from ATI, Mr. W. Maaskant will act as Chairman of the ATI Committee until the June meeting. . . . It was unanimously agreed to request Mr. Nicodemus to stay on as Chairman of ASTM D13.14.
5. Specification MIL-I-15349c--Thermal Insulation Tape -- The contents of Table II were questioned. The nominal weight in the Table was recommended to be changed to minimum weight. Raybestos-Manhattan and Southern Asbestos will consult with each other and, if needed, will propose the change as follows:

3.6.3 - Change 55% to 70% and also, as stated above, the weight in Table II from nominal to minimum;

MS 006673

In the event Raybestos-Manhattan and Southern Asbestos decide that a change is definitely necessary, either Mr. Hawkins or Mr. Echerd will write to NAVSEC in Hyattsville, Maryland.

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 JM - 83

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MT-006078

Attachment III/page 1 of 2

Page 2 - ATI, Inc., Technical Committee Report - 2/5-6/76

6. Technical Committee Membership -- Due to the low participation in this Committee, it was requested while the President of ATI, Mr. A. Kuzmuk, and the Secretary, Ms. D. M. Fagan, were present, to extend the Committee by adding at least one permanent member from Garlock Inc. and from Canadian Johns-Manville Co. Ltd. Mr. Kuzmuk promised to look into the matter concerning Garlock and Mr. J. P. Power will check with C.J-M. Ms. Fagan will follow through.
7. Specification EH-T-1732--Asbestos Tape -- This Specification is superseding the former Standard MIL-T-4117A. Members of the Committee found that Government Procurement Agencies are still making reference to the old Specification. Due to the uncertainty as to whether or not the Government will discontinue the use of asbestos products, it was suggested to not recommend changes in either Specification.
8. ASTM D-299--Yarn -- When next up for revision by ASTM Subcommittee D13.14, it should be determined what type of change is advisable to Section 10--Yarn Number. The weight of plied yarn calculation is not clear. Also, a plied yarn tolerance for weight should be added under paragraph 7.1.1.
9. The next meeting will be held June 3-4, 1976, at Stouffer's National Center Inn, Arlington, Virginia.

Respectfully submitted,
W. Maaskant,
Acting Chairman

MS 006674

MT-006079

PRODUCED
JM - 83

FIBER RESEARCH & TESTING SUBCOMMITTEE REPORT

ASBESTOS TEXTILE INSTITUTE, INC.

February 5-6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

IN ATTENDANCE: Asbestos Corporation Ltd. -- W. B. R. Callan
 Bell Asbestos Mines Ltd. -- W. H. Smith
 Southern Asbestos Company -- D. E. Childers

1. The Chairman, Dr. R. A. Kuntze, could not be present, thus he asked D. E. Childers to report on the activities of the group.
2. At the last meeting, it was decided to run a comparison test on dust counting using the Membrane Filter Method. The participants were instructed to use the same counting procedure. However, test results received from three laboratories indicated the same counting procedure was not used. In one instance, the fiber count between laboratories ranged from 5.3 to 2.5 fibers/cc, and in another instance the counts ranged from 16.7 to 4.8 fibers/cc.
3. It was decided to begin another Round-Robin test. In the test, it will be emphasized that everyone use the OSHA method (NIOSH, August 1972). Mr. Childers will prepare new samples for the new test. A copy of the OSHA procedure will be sent to all participants. Each laboratory should count the same slides and send them to the next person in the same order as listed below.* Please send all test results to Dr. R. A. Kuntze.

Respectfully submitted,

D. E. Childers,
 Acting Chairman

* D. E. Childers
 R. A. Kuntze
 G. F. A. Brink
 W. H. Smith
 J. P. Wronski
 C. E. Stiefken
 B. Lincoln

PRODUCED
JM - 83

MS 006675

Attachment IV

MT-006080

ENVIRONMENTAL COMMITTEE REPORT

ASBESTOS TEXTILE INSTITUTE, INC.

February 4-6, 1976

Sheraton National Motor Hotel, Arlington, Virginia

IN ATTENDANCE:

Amatex Corporation -- W. Maaskant; E. E. Walter
Atlas Textile Company -- W. E. Johnston
Canadian Johns-Manville Co. Ltd. - E. M. Hay; J. P. Power
Garlock Inc. -- S. G. Dixit; A. Kuzmuk
Nippon Asbestos Co. Ltd. -- Y. Sato; S. Shima
Raybestos-Manhattan, Inc. -- J. W. Hawkins; C. A. Kennedy
W. Krucke; R. O. Moebius; M. Q. Scowcroft
Southern Asbestos Company -- J. W. Echerd; L. E. Moody

Wednesday, February 4, 1976 —

A short evening session was held to describe the project assigned to a Task Group of the Committee — "to define, by each piece of manufacturing equipment used in the processing of asbestos textiles, how asbestos fibers become airborne, how airborne fiber is captured or controlled to dust collection and how effectively presently controlled."

Attended by S. G. Dixit, D. M. Fagan, E. M. Eay, C. A. Kennedy,
W. Krucke, A. Kuzmuk, L. E. Moody, J. P. Power and E. E. Walter.

Thursday, February 5, 1976 --

The Task Group met from 8:30 a.m. through 2:00 p.m. A discussion of machinery used and means of airborne asbestos fiber capture and control utilized the entire period. A separate report will be submitted.

MS 006676

Friday, February 6, 1976 --

A meeting of the full Environmental Committee was held. The following items made up the meeting agenda.

- a) Presentation and demonstration of Milfisk vacuum cleaning equipment was given by R. S. Magdelain of Milfisk of America, Inc. The program included new, more-efficient air-filtering means, and ways of attaining larger quantities of volume per dump cycle.

NOTE.....

Attachment V/page 1 of 2

Page 2 - ATI, Inc., Environmental Committee Report - 2/4-6/76

b) Discussion of the AIA/NA meeting held on February 4 concerning the proposed "Asbestos Standard."

c) Brief review of parts of the proposed Standard (other than the 0.5-fiber portion) such as recordkeeping, sanitary facilities requirements, regulated areas and mechanical ventilation systems.

Respectfully submitted,

L. E. Moody, Chairman

MS 006677

Attachment V/page 2 of 2

PRODUCED
JM - 83

MT-006082

ASBESTOS TEXTILE INSTITUTE, INC.
MINUTES — BOARD OF GOVERNORS

JUN 3 1976

MS 006678

MT-006083

ASBESTOS TEXTILE INSTITUTE, INC.

MEETING - BOARD OF GOVERNORS

June 3, 1976

Stouffer's National Center Inn, Arlington, Virginia

A G E N D A

1. Call To Order - 3:45 p.m. -- A. Kuzmuk, Chairman
2. Reading of Minutes -- Executive Secretary
3. Financial Report -- M. J. Scanlan, Treasurer
 - a) Report of Funds for Eight Months to April 30, 1976;
 - b) Expenditures Against Budget;
 - c) Outstanding Membership Dues;
 - d) Chrysotile Asbestos Test Manual, 3rd Edition;
 - e) Exemption from Federal Income Tax;
 - f) Increase in Insurance Premiums.
4. Social --
 - a) Contribution in memory of L. E. Moody;
 - b) P. E. Leclerc recovering from knee operation.
5. Appreciation Plaque for R. A. Kuntze
6. House Bills --
 - a) HR 9505--Creation of a Commission on Unemployment Caused by the Dispersion of Hazardous Industries;
 - b) HR 5683--Release of Chrysotile from National Stockpile.
7. Future Meeting Sites and Dates
8. Meeting Schedule Restructuring
9. Future Program
10. ATI Position Paper
11. Broadening Membership Base
12. Expressed New Member Interest
13. Nominating Committee
14. Committee Reports and Discussions
15. Shoup Litigation -- W. B. Alcorn, Jr., Esq.
16. AIA/NA Legal Advisory Committee -- W. B. Alcorn, Jr., Esq.
17. Adjournment - 5:00 p.m.

MS 006679

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MT-006084

M I N U T E S

IN ATTENDANCE:

Garlock Inc. - A. Kuzmuk, Chairman
 Amatex Corporation - M. J. Scanlan
 Raybestos-Manhattan, Inc. - M. Q. Scowcroft
 Southern Asbestos Company - E. C. Bratt

ATI Legal Counsel - W. B. Alcorn, Jr., Esq.,
 of Cadwalader, Wickersham & Taft

ATI Executive Secretary - D. M. Fagan

1. CALL TO ORDER: A call to order of the third meeting of the Board of Governors of Asbestos Textile Institute, Inc., was issued by Chairman Kuzmuk at 3:45 p.m., June 3, 1976.
2. READING OF MINUTES: Upon Chairman Kuzmuk calling for a reading of the Minutes of the last stated meeting, a motion was made by Mr. Scowcroft to dispense with the reading thereof. The motion was seconded by Mr. Scanlan and carried unanimously.
3. FINANCIAL REPORT: The 8-page Report of Funds for the 8-month period to April 30, 1976, was distributed by Treasurer Scanlan. It is appended hereto as Attachment I.
 - a) Pages 2 and 3 show a cash balance at the beginning of the Fiscal Year (September 1, 1975) of \$8,599.21, receipts to date of \$13,248.70 and disbursements of \$10,695.06 -- leaving a cash balance at the end of the first eight months of \$11,152.85. Taking into account current assets and liabilities, the actual net worth of the Corporation at April 30, 1976, was \$11,331.56. It was moved by Mr. Bratt, seconded by Mr. Scowcroft, and unanimously approved, to accept the Report as presented. The Report will be filed for audit.
 - b) Page 3 of the Report shows that for two-thirds of the way through the year, expenses totaled \$10,478.08 against receipts of \$13,031.72, leaving \$2,553.64 from annual income for disbursements.
 - c) Treasurer Scanlan reported that Hilados y Tejidos de Asbesto S.A., Mexico, had not as yet paid its membership dues for the current year. The Secretary was instructed to again contact the company in an endeavor to determine whether or not it wishes to remain a member of ATI.
 - d) Page 4 of the Report gives the financial picture of the Chrysotile Asbestos Test Manual, 3rd edition. The net loss has been drastically reduced to \$63.77 and there are approximately 40 manuals remaining for sale.
 - e) The Secretary advised that via letter of March 12, 1976, from the Internal Revenue Service, the Corporation has been granted exemption from Federal Income Tax.
 - f) Due to new insurance rates, it was reported by the Secretary that the premiums for ATI's coverage for the year 1976 totaled \$164.00, a \$72.00 increase over the previous year.

MS 006680

more.....

MT-006085

4. SOCIAL:

a) A \$20.00 contribution had been sent to the Heineman Heart Foundation, Charlotte, North Carolina, in memory of Lawrence E. Moody who died as a result of a heart attack on March 8, 1976. The Governors held a moment of prayerful silence for Larry who was well liked and greatly respected -- and who had given generously of his time and expertise to the affairs of the Institute.

b) It was reported that a card had been sent to Paul E. Leclerc, wishing him a speedy recovery from a knee injury.

5. APPRECIATION PLAQUE: A review of Committee Chairmen indicated that R. A. Kuntze would complete his two-year term as Chairman of the Fiber Research & Testing Subcommittee as of the 1976 Annual Meeting. It was agreed that a plaque in appreciation would be presented to him at the Annual General Meeting on October 8, 1976.

6. HOUSE BILLS:

a) HR 9505. Via data received from the Asbestos Information Association/North America, it was learned that no activity is evident concerning HR 9505--Creation of a Commission on Unemployment Caused by the Dispersion of Hazardous Industries (Repr. D. V. Daniels, Dem., N.J.). It is still pending before the Committee on Education and Labor.

b) HR 5683. It was also learned from AIA/NA that no action or activity is expected on HR 5683--Release of Chrysotile from the National Stockpile (Repr. M. Fenwick, Rep., N.J.). The Bill had been referred to the Committee on Armed Forces.

7. FUTURE MEETINGS: The next four (4) meetings of the ATI are confirmed as follows:

1976 Oct 6-8 -- Savannah Inn & Country Club, Savannah, Ga.;
1977 Feb 3-4 -- Stouffer's National Center Inn, Arlington, Va.;
1977 Jun 2-3 -- Stouffer's National Center Inn, Arlington, Va.;
1977 Oct 5-7 -- Ponte Vedra Club, Ponte Vedra Beach, Florida.

A discussion followed on holding two-day meetings at mid-town locations. Such a move would offer convenience and more tourist attractions and restaurants within walking distance of the hotel. It also may be less expensive insofar as costs of meeting rooms and overnight accommodations are concerned. At the suggestion of the Board, the Secretary will look into the Atlanta, Georgia, area for February 1977 and the Mayflower and other appropriate hotels in downtown Washington, D.C., for June 1977. Also, Kiawah Island Inn, south of Charleston, South Carolina, was proposed as suitable for the 1978 Annual Meeting.

8. MEETING SCHEDULE RESTURCTURING: Following discussion, it was decided that time at two-day meetings could be used to best advantage by holding all Committee and Board meetings on Thursday afternoons and the General Meetings on Friday mornings. The new structure would also permit greater ease in meeting flight schedules.

more.....

9. FUTURE PROGRAM: The Board reviewed correspondence with Alexander & Alexander, insurance brokers, re a possible program on asbestos products liability. Based on several factors, including the preliminary information that A&A requested to formulate the presentation, it was agreed the project should be tabled for the present.
10. ATI POSITION PAPER: The Board was brought current on the status of ATI's response to OSHA's proposal to review the Asbestos Standard. It was reported that the ATI Environmental Task Group had submitted its findings from a study of the problems of asbestos dust generation and control at textile operations and that the findings were incorporated in the ATI Position Paper, submitted April 6, 1976, to the U.S. Department of Labor. The Paper constitutes this Institute's response to the proposed revision to the OSHA Standard on Occupational Exposure to Asbestos. The Board was reminded that the "two-fiber" limitation would go into effect July 1, 1976.
11. BROADENING MEMBERSHIP BASE: At the direction of the Board, on February 23, 1976, the Secretary had issued a questionnaire to all member companies defining the new membership criteria as of September 1, 1976. To date, the status of the returns is as follows:

<u>Regular Members/Class A</u>	<u>Annual Dues</u>
Amatex Corporation	\$ 1,500.00
Raybestos-Manhattan, Inc.	1,500.00
Southern Asbestos Company	1,500.00
<u>Regular Members/Class B</u>	
Asahi Asbestos Co. Ltd.	1,000.00
Asberit S.A.	1,000.00
Asbestos Textil S.A.	1,000.00
Canadian Johns-Manville Co. Ltd.	1,000.00
Garlock of Canada Ltd.	1,000.00
Nippon Asbestos Co. Ltd.	1,000.00
TBA Industrial Products Ltd.	1,000.00
<u>Associate Members/Class C</u>	
Asbestos Corporation Ltd.	750.00
Atlas Textile Company	750.00
Bell Asbestos Mines Ltd.	750.00
Cassiar Asbestos Corporation Ltd.	750.00
Lake Asbestos of Quebec Ltd.	750.00
	<u>\$ 15,250.00</u>

Manufacturas Multiples S.A. had replied with a negative response and, therefore, its membership will terminate as of August 31, 1976. Hilados y Tejidos de Asbesto S.A. has not as yet given a definite answer.

A letter will be sent to all member companies advising the results of the project.

MS 006682

more.....

MT-006087

Although the new Board members will not have the privileges of discussion and voting until the first meeting of the Board for the Fiscal Year 1976-77 (February 1977), an invitation will be extended to them to visit a portion of the 1976 Annual Meeting of the Board of Governors on October 6, 1976. This courtesy will enable the current Governors to officially welcome the new Members and will maintain continuity toward a smooth transition.

12. POSSIBLE NEW MEMBER: Due to expressed interest, the Secretary had written to Eng. Paul Hainaut, Francisco Stedile S.A., Caxias do Sul, Brazil, setting forth eligibility requirements for membership in ATI as of September 1, 1976. To date, no reply has been received.
13. NOMINATING COMMITTEE: Committee Chairman Bratt proposed the following slate of Officers to be elected for one-year terms at the 1976 Annual Board Meeting: President--M. J. Scanlan, Amatex Corporation; Vice President & Treasurer--H. J. Corson, TBA Industrial Products Ltd. Also, the following will be asked to serve two-year terms as Committee Chairmen: Environmental Committee--C. A. Kennedy, Raybestos-Manhattan, Inc.; Technical Committee--W. Maaskant, Amatex Corporation; and Fiber Research & Testing Subcommittee--S. G. Dixit, Garlock Inc.
14. COMMITTEE REPORTS & DISCUSSIONS:

a) Technical -- Report by Acting Chairman W. Maaskant, Amatex Corporation. Currently the Committee is up-to-date with its work on ASTM Standards. All suggested revisions have been submitted to the ASTM Editorial Committee for approval and it appears the next Standards are not scheduled for revision until about a year from now. . . . The Committee will consider the feasibility of reviewing certain Military Specifications for possible revision. . . . Concerning the previous request for additional member participation, A. R. Morrill of Canadian Johns-Manville Co. Ltd. will serve on the Committee and a new representative from Garlock of Canada Ltd. is expected to join the group in the near future.

b) Fiber Research & Testing -- Report by Chairman R. A. Kuntze, Ontario Research Foundation (Cassiar Asbestos Corporation Ltd.). As reported at the last meeting, the first attempt at a round-robin test on dust counts, using the membrane filter method, failed because slightly different procedures were followed by the various participants. Therefore, a second program was initiated, this time with specific instructions as to the procedure each participant must follow. Three of the results have been submitted. Most of the remaining reports are expected at the meeting of the Committee to be held June 4, 1976. Shortly thereafter, the second phase of the project will begin. . . . The Committee will be looking at several ordinary test methods in the Chrysotile Asbestos Test Manual, 3rd edition, to determine if revisions are in order. . . . The search is continuing toward undertaking meaningful research and/or testing projects that would benefit the member companies of ATI.

more.....

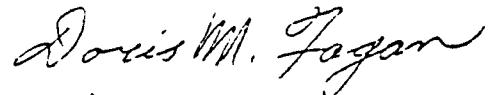
c) Environmental -- Report by Temporary Chairman D. E. Childers, Southern Asbestos Company. The Committee will view the motion picture "Working With Asbestos," produced by Johns-Manville Corporation, after which the group will discuss the content of the film and what is being done and will be done to reduce asbestos dust concentration in asbestos textile manufacturing plants. . . . It was reported that H. M. Hay has joined the Committee, representative of Canadian Johns-Manville Co. Ltd.

15. SHoup LITIGATION: Attorney Alcorn advised the Corporation had gained a voluntary dismissal from the lawsuit -- William Carl Shoup vs. Johns-Manville Products Corporation, et al.

16.

17. ADJOURNMENT: There being no further business to be brought before the Board of Governors, a motion for adjournment was made by Mr. Scanlan, seconded by Mr. Scowcroft, and so carried unanimously. The meeting was adjourned at 5:00 p.m.

Respectfully submitted,



Doris M. Fagan,
Executive Secretary

MS 006684

MT-006089

Minutes
GENERAL MEETING
Asbestos Textile Institute

JUN 4 1976

MS 006685

MT-006090

M I N U T E S

1. CALL TO ORDER: The 1976 Spring General Meeting of the Asbestos Textile Institute was called to order by President Kuzmuk at 1:00 p.m., June 4, 1976, at Stouffer's National Center Inn, Arlington, Virginia.

2. READING OF MINUTES: Upon the calling for a reading of the Minutes of the last stated meeting, it was moved by Mr. Dixit, seconded by Mr. Stiefken, and unanimously approved, to dispense with the reading thereof.

3. FINANCIAL REPORT: Treasurer Scanlan presented the Financial Report on the Litigation Defense Fund as of April 30, 1976. The balance on hand at January 1, 1976 was \$9,364.96, receipts for the four months to April 30, 1976, totaled \$117.44 and disbursements amounted to \$724.49 -- leaving a cash balance at April 30, 1976, of \$8,757.91. Additional expenses of \$4,745.96 to be paid in June indicate an anticipated cash balance at the end of June 1976 of \$4,011.95. It was noted the funds available are expected to be sufficient to cover known expenses to the end of this Fiscal Year. The entire Report as of April 30, 1976, which is subject to audit, is appended hereto as Attachment I.

5. NEXT MEETING: President Kuzmuk advised the membership that the 1976 Annual Meeting of the Institute will be held October 6-8, 1976, at Savannah Inn and Country Club, Savannah, Georgia.

6. ADJOURNMENT: There being no further business to be brought before the general membership, a motion to adjourn was made by Mr. Farrell, seconded by Mr. Dixit, and so carried. The meeting was adjourned at 1:15 p.m.

Respectfully submitted,

Doris M. Fagan
Doris M. Fagan,
Executive Secretary

MS 006686

MT-006091

ASBESTOS TEXTILE INSTITUTE
LITIGATION DEFENSE FUND

ESTABLISHED: APRIL 1, 1974

PERIOD: JANUARY 1, 1976, THRU APRIL 30, 1976 -- FISCAL YEAR 1975-76

BALANCE ON HAND - January 1, 1976 \$ 9,364.96

RECEIPTS:

2/13/76 - Bank Service Charge/Waived . . . \$.96

3/25/76 - Bank Service Charge/Waived46

3/31/76 - Interest on Savings 116.02

TOTAL RECEIPTS + 117.44

\$ 9,482.40

DISBURSEMENTS:

1/30/76 - Bank Service Charge \$.96

2/23/76 - Cadwalader, Wickersham & Taft
 -- 4th Quarter 1975 646.56

2/ 2/76 - Bank Service Charge46

4/ 6/76 - C. P. Stober/Sundry Services re
 DMF Affidavit in Shoup Case . . . 15.18

4/30/76 - Office Expenses - 12/75-4/76 . . . 61.33

TOTAL DISBURSEMENTS - 724.49

BALANCE ON HAND - APRIL 30, 1976 \$ 8,757.91*

*Checking Account: \$ 300.47

Savings Account: +8,457.44
\$8,757.91*

Signed: _____
 M. J. Scanlan, ATI Treasurer

Prepared as of 4/30/76 by D. M. Fagan, Assistant Treasurer.
 Subject to Audit

MS 006687

Attachment I

MT-006092

ASBESTOS TEXTILE INSTITUTE, INC.
MINUTES — GENERAL MEETING

JUN 4 1976

MS 006688

MT-006093

ASBESTOS TEXTILE INSTITUTE, INC.

1976 SPRING MEETING

June 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

LIST OF DELEGATES

AMATEX CORPORATION

W. Maaskant
J. L. Rainey
M. J. Scanlan
H. H. Walter

GARLOCK INC.

S. G. Dixit
A. Kuzmuk
R. B. Pilmer (Garlock
of Canada Ltd.)

RAYBESTOS-MANHATTAN, INC.

C. D. Colson
P. G. Dolan
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. O. Moebius
M. Q. Scowcroft

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echerd

ASBESTOS TEXTIL, S.A.

D. B. Barois

BELL ASBESTOS MINES LTD.

W. H. Smith

CANADIAN JOHNS-MANVILLE CO. LTD.

H. M. Hay
D. H. Markussan, Esq. (J-M)
A. R. Morrill

CASSIAR ASBESTOS CORPORATION LTD.

R. A. Kuntze (CRF)

LAKE ASBESTOS OF QUEBEC LTD.

E. A. Farrell
R. J. Muth, Esq. (Asarco)
C. E. Stiefken (Asarco)

NIPPON ASBESTOS CO. LTD.

S. Shima

TBA INDUSTRIAL PRODUCTS LTD.

H. J. Corson

ASBESTOS INFORMATION ASSOCIATION/NA

R. H. Mereness, Exec. Director

ASBESTOS TEXTILE INSTITUTE

W. B. Alcorn, Jr., Esq.,
ATI Legal Counsel
(Cadwalader, Wickersham & Taft)

D. M. Fagan, ATI Exec. Secretary

Total attendance during the two-day 1976 Spring General Meeting was 31 people: 28 members, 1 guest, 1 legal counsel and 1 secretary; representative of 11 member companies, AIA/NA and ATI.

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M I N U T E S

1. CALL TO ORDER: The 1976 Spring General Meeting of Asbestos Textile Institute, Inc., was called to order by President Alex. Kuzmuk at 1:15 p.m., June 4, 1976, at Stouffer's National Center Inn, Arlington, Virginia.
2. OFFICIAL WELCOME: The President welcomed all members to the meeting and asked each to rise and give his name and company affiliation. The attendees are listed on the first page of these Minutes.
3. DEATH ANNOUNCEMENT: A moment of silence was held in memory of Lawrence E. Moody, who passed away March 8, 1976, as a result of a heart attack. Larry was well liked and respected in the ATI and throughout the asbestos textile industry in the United States. He had served the Institute with complete dedication for many years, had chaired several committees and was Vice President in 1969 and 1970 and President in 1971 and 1972. At the time of his death, he was Chairman of the Environmental Committee and had just completed a comprehensive study of the problems of dust generation at asbestos textile manufacturing plants. He was Engineering Manager for Southern Asbestos Company.
4. EMPLOYMENT CHANGE: President Kuzmuk announced that Edward A. Morris, formerly with Uniroyal, Inc., had joined Amatek Corporation as Sales Manager, Southern District, responsible for the sales of Amatek's complete line of asbestos and fiber glass textile products in the entire South and part of the Southwest.
5. ILLNESS: The President advised that Paul E. Leclerc, Sales Director for Asbestos Corporation Ltd., was recovering from a knee operation, following an injury caused by a fall.
6. READING OF MINUTES: Upon a call for the reading of the Minutes of the last meeting, it was moved by Sudhakar G. Dixit, seconded by Charles A. Stiefken, and unanimously carried, to dispense with the reading thereof.
7. FINANCIAL REPORT: A report on the financial status of the Corporation as of April 30, 1976, was presented by Treasurer Michael J. Scanlan. On September 1, 1975, (the start of the current Fiscal Year), the cash balance on hand was \$8,599.21. Added to this balance were receipts of \$13,248.70 and disbursements of \$10,695.06, leaving a cash balance at the end of April of \$11,152.85. It was moved by Ernest C. Bratt, seconded by Milton Q. Scowcroft, and so approved, to accept the Report as presented. The two-page Report of Funds, which will be filed for audit, is appended to these Minutes as Attachment I.

more.....

8. ASBESTOS INFORMATION ASSOCIATION/NORTH AMERICA: A description of the activities of AIA/NA was given by Robert H. Mereness, Executive Director of that organization.

1976, in Washington, D.C. (Proceedings of the 2nd Conference are available from AIA/NA at a cost.)

He also addressed the OSHA proposal to revise the Asbestos Standard, stating that copies of a summation of its "Industry Response" to the proposal are available, on request. The summary includes a condensing of data from the "Weston Industry Study," recommendations made by the Industry and Dr. Weil's medical report. The international importance of the outcome of these and continuing, related efforts by the U.S. asbestos industry was stressed.

The members of ATI were reminded of several booklets available from AIA/NA concerned with precautions which must be taken at the work site toward the health and safety of employees. It was emphasized that the literature should be distributed throughout all factories and plants to ensure that all workers are kept informed.

Finally, a brief synopsis of various on-going government studies was given, with specific mention of the \$4.5-million asbestos-feeding study which was to have begun last year with the use of hamsters and rats to determine what happens to asbestos fiber and to the animals, on ingestion. To date not one animal has been fed the mineral -- and our taxes are funding this project!

9. FIBER PRODUCERS' REPORT: The Fiber Producers' Report was presented by Edward A. Farrell, Sales Manager for Lake Asbestos of Quebec Ltd. QAMA's inventory of Grades 3-7 remain at an all-time low and demand continues strong for Groups 4-7 and firm for spinning grades. Mr. Farrell briefly defined several exploration and/or development projects. See Attachment II for the Report in its entirety.

10. TECHNICAL COMMITTEE: Technical Committee Member John W. Hawkins reported on work done by the group since the last meeting. He reviewed the status of several ASTM Specifications and Military Standards.

Concerning the previous appeal for additional membership participation, Alton R. Morrill of Canadian Johns-Manville Co. Ltd.

more.....

ASBESTOS TEXTILE INSTITUTE, INC.
Report of Funds

Fiscal Year ending August 31, 1976
Period: September 1, 1975, thru April 30, 1976

BALANCE ON HAND - September 1, 1975:

Checking Account	\$ 700.48
Savings Account	20,936.45
Petty Cash Account	46.21
	<u>\$ 21,683.14</u>
Less Litigation Defense Fund	- 13,083.93

TOTAL ON HAND - September 1, 1975 \$ 8,599.21

RECEIPTS:

Booklet Sales	\$ 99.52
Test Manual Sales	1,173.85
Members' Dues	11,250.00
Interest on Savings	550.60
ATI Meeting Expense Reimbursement	112.00
Office Supplies/Repaid by Litigation Defense Fund	38.01
Charged Expense	<u>24.72</u>

TOTAL RECEIPTS + 13,248.70
\$ 21,847.91

DISBURSEMENTS:

Legal Services & Expenses	\$ 2,835.08
Incorporation Expenses	356.35
Secretary's Gross Wages	2,020.92
Taxes on Wages Paid by ATI, Inc.	176.48
ATI Meeting Expense	2,292.41
Secretary's Travel Expense	410.64
Telephone	462.73
Printing/Office Supplies	733.22
Postage	360.05
Postage--Test Manual	164.87
Rental of Office Space	495.00
Accountant/Caruso/1974-75	300.00
ASTM Dues	25.00
Gifts/Flowers/Plaques	20.00
Booklet Sale Refunds	<u>42.25</u>

TOTAL DISBURSEMENTS - 10,695.06

BALANCE ON HAND - April 30, 1976 \$ 11,152.85

BALANCE ON HAND - April 30, 1976:

Checking Account	\$ 406.59
Savings Account	10,734.97
Petty Cash Account	<u>11.29</u>

TOTAL AVAILABLE FUNDS - April 30, 1976 \$ 11,152.85

MS 006692

ASSETS AS OF APRIL 30, 1976:

Total Funds As Listed Above	\$ 11,152.85	
Accounts Receivable -- Members' Dues	375.00	
Office Expenses/Litigation	61.33	
Furniture & Equipment/Nominal Value	<u>1.00</u>	
TOTAL ASSETS		\$ 11,590.18

LIABILITIES AS OF APRIL 30, 1976:

Accounts Payable -- Accrued Taxes	\$ 94.62	
Insurance Premiums	<u>164.00</u>	
TOTAL LIABILITIES		- 258.62
TOTAL NET WORTH AS OF APRIL 30, 1976		<u>\$ 11,331.56</u>

MS 006693

Attachment I/page 2 of 2

MT-006098

FIBER PRODUCERS' REPORT

Presented by Edward A. Farrell, Sales Manager, Lake Asbestos of Quebec Ltd., at the 1976 Spring General Meeting of the Asbestos Textile Institute, Inc., held at Stouffer's National Center Inn, Arlington, Virginia, on June 4, 1976.

The QAMA inventory of grades 3 through 7 continues to be at an all-time low. Demand continues to be very strong in groups 4, 5, 6 and 7 and firm in spinning grades. In view of the real economic recovery in the U.S.A. and improvement in Europe, it is expected the demand will continue this year and probably well into 1977.

The demand for asbestos resulted in the opening of two mines and stimulated exploration and development activities. United Asbestos started up its 100,000-short-ton-per-year mill near Timmins, Ontario, in September 1975. Also, the old Pacific Asbestos Mine near Copperopolis, California, is now in operation again as Calaveras Asbestos Ltd. at a rate of about 50,000 short tons per year. Woodsreef in Australia is now in full operation. Mines and mills are under construction in Colombia and Mexico and Johns-Manville has announced the development of a property in the Sudan. The Russians and Chinese are also increasing production of asbestos fiber.

Full development of these mines may show otherwise, but at present none of the western hemisphere mines will be major spinning fiber producers.

MS 006694

Attachment II

MT-006099

Page 4 - ATI Inc. 1976 Spring Meeting - 6/4/76

was welcomed as a new member. Mr. Hawkins also announced that Mr. Dixit, of Garlock Inc., will serve on the Committee for an interim period.

The Committee will next convene during the October meeting of the ASTM D-13 Main Committee. See Attachment III for the complete Report.

11. FIBER RESEARCH & TESTING SUBCOMMITTEE: Chairman Richard A. Kuntze presented a Report on the current endeavors of the Fiber Research & Testing Subcommittee. He discussed the progress of the dust count round robin; an Australian statistical method of evaluating dust counts; the start of a Committee study of available dust count monitoring methods; the activities of ASTM Committee D30.03 and of ISC TC/77; and apparent problems associated with the Suter-Webb comb. See Attachment IV for the complete Report.

12. ENVIRONMENTAL COMMITTEE: Temporary Chairman Dewey E. Childers presented the Environmental Committee Report, stating the group had viewed the film produced by Johns-Manville titled "Working with Asbestos." The Committee had discussed at some length various problems involved with airborne asbestos fiber and dust counts. See Attachment V for the complete Committee Report.

13. SHOUP LITIGATION: Dennis H. Markusson, Esq., reported on the status of the Shoup case, stating that the Corporation has been released from the lawsuit via a voluntary dismissal.

14. NOMINATING COMMITTEE: President Kuzmuk announced that the Nominating Committee, chaired by Mr. Bratt, had met and will be prepared to present a new slate of Officers and Chairmen at the 1976 Annual Meeting in October.

15. BROADENING MEMBERSHIP BASE: President Kuzmuk referred to the questionnaire that was sent to all member companies to obtain a consensus as to ATI broadening its membership base. All but one company has responded and it appears that as of Fiscal Year 1976-77, the following ten member companies will be represented on the Board of Governors: Amatez Corporation, Asahi Asbestos Co. Ltd., Asberit S.A., Asbestos Textil S.A., Canadian Johns-Manville Co. Ltd., Garlock of Canada Ltd., Nippon Asbestos Co. Ltd., Raybestos-Manhattan, Inc., Southern Asbestos Company and TBA Industrial Products Ltd. Additionally, the following companies will continue as Associate Members: Asbestos Corporation Ltd., Atlas Textile Company, Bell Asbestos Mines Ltd., Cassiar Asbestos Corporation Ltd. and Lake Asbestos of Quebec Ltd.

MS 006695

more.....

MT-006100

Page 5 - ATI Inc. 1976 Spring Meeting - 6/4/76

16. NEXT MEETING: Members were reminded by the President that the 1976 Annual Meeting of the Corporation will be held at the Savannah Inn and Country Club, Savannah, Georgia, October 6-8. . . . The sites of the February and June 1977 meetings may be changed from Stouffer's National Center Inn, Arlington, Virginia. The membership will be so advised at the next meeting.

17. ADJOURNMENT: There being no further business to be brought before the membership, it was moved by Mr. Farrell and seconded by Mr. Dixit that the meeting be adjourned. The motion was carried and the meeting adjourned at 2:30 p.m.

Respectfully submitted,

Doris M. Fagan

Doris M. Fagan,
Executive Secretary

MS 006696

MT-006101

TECHNICAL COMMITTEE REPORT

ASBESTOS TEXTILE INSTITUTE, INC.

June 3 and 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

IN ATTENDANCE:

Ametek Corporation -- W. Maaskant (Chairman)
 Asbestos Textil S.A. -- D. Barois
 Canadian Johns-Manville Co. Ltd. -- A. P. Morrill
 Garlock Inc. -- S. G. Dixit
 Raybestos-Manhattan, Inc. -- J. W. Hawkins
 Southern Asbestos Company -- D. E. Childers, J. W. Echerd

1. MEMBERSHIP:

We are glad to see Mr. Alton R. Morrill of Canadian Johns-Manville Co. Ltd. join the Technical Committee. Hopefully he will join the ASTM D13.14 Subcommittee as well. Garlock Inc. will have for the time being Mr. Suchakar G. Dixit as a member of the Committee. He will participate as much as possible in the ASTM Subcommittee of which he is a member.

2. ASTM MATTERS:

a) ASTM D-315 Asbestos Tape, Woven -and- ASTM D-1571 Asbestos Cloth, Woven -- Committee Letters of Ballot on Precision and Accuracy are to be sent out for vote.

b) ASTM D-626 Asbestos Tubular Sleeving -- Approved for inclusion in the 1976 Book of ASTM Standards.

c) ASTM D-1118 Magnetic Rating -- Editorial changes were approved by Letter of Ballot through Subcommittee D13-14. The status of this Standard is that it is out for vote in the Main Committee.

d) ASTM D-1918 Asbestos Content -and- ASTM D-2100 Asbestos Textiles for Electrical Insulating -- Neither of these Standards reached the Main Committee. Mr. Paul O. Nicodemus, Chairman of Subcommittee D13.14, will issue the appropriate forms to ASTM Headquarters to have the Standards reappraised and included in the 1976 Book of ASTM Standards.

e) ASTM 299 Yarn -- As reported in the last Minutes, this Standard needs some revision. Although the Standard is valid until

Attachment III/page 1 of 2

1979, it was decided to review it as soon as possible. This matter will be discussed at the next meeting, preferably in October at the ASTM meeting in New York City.

f) Since there were no urgent ASTM matters, it was decided to not have an interim meeting and all the ASTM members also participating in the ATI Technical Committee were urged to attend instead the October 18-21, 1976, ASTM meeting in New York City. Mr. Nicodenus will chair the ASTM Subcommittee meeting.

3. MILITARY STANDARDS:

Some Military Standards were discussed, in particular MIL-T-4117 and its superseding Specification HH-T-1782. Although the Committee is of the opinion the Standards are not perfect, no action will be taken at this time. The same applies to MIL-I-15349C as Raybestos-Manhattan, Inc., and Southern Asbestos Company are exchanging technical data to determine if this Specification should be changed.

4. NEXT MEETINGS:

a) The next meeting of the ATI is scheduled October 6-8, 1976, at the Savannah Inn & Country Club, Savannah, Georgia.

b) The next ASTM meeting will be the Main Committee Meeting of D-13 on Textiles -- during the period of October 18-21, 1976, at the Belmont Hotel, 42nd and Lexington Avenues, New York City. All ASTM members of D13.14 are requested to attend.

Respectfully submitted,

Wm. Maslank,
Acting Chairman

MS 006698

FIBER RESEARCH & TESTING SUBCOMMITTEE REPORT

ASBESTOS TEXTILE INSTITUTE, INC.

June 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

IN ATTENDANCE:

Cassiar Asbestos Corporation Ltd. -- R. A. Kuntze (Chairman)
 Bell Asbestos Mines Ltd. -- W. E. Smith
 Lake Asbestos of Quebec Ltd. -- C. E. Stiefken (Asarco)
 Southern Asbestos Company -- D. E. Childers

1. The progress of the dust count round robin, instituted at the last meeting, was discussed in detail. However, it was decided that insufficient data are available at this time to make a report to the general membership.
2. An Australian statistical method of evaluating dust counts was discussed, but no action was taken. Copies of the method are available on request.
3. It was decided to begin a survey of other dust count monitoring or counting instruments and methods available or in use elsewhere. A preliminary report is expected at the next meeting.
4. The activities of ASTM D30.03 were reviewed. The last meeting of this group was held in Valley Forge, Pennsylvania, early in May 1976. Of interest to ATI is the discussion of a round robin test program set in motion to compare the T&N Classifier with the Bauer-McNott Classifier. If appropriate, the results of the round robin will be reviewed at the next meeting of the ATI Fiber Research & Testing group.
5. Similarly, the activities of ISO TC/77 were mentioned. TC/77 has changed its scope and now deals with test methods for asbestos fibers that are used in asbestos-cement and/or other products that fall under the jurisdiction of the Committee.
6. The apparent problems associated with the Guter-Webb comb were discussed. Concern was expressed that fewer and fewer companies are using this test method because of lack of trained operators. If this trend continues, the Bauer-McNott would become the only method for length determination of textile grade asbestos fiber.

Respectfully submitted,

R. A. Kuntze, Chairman

Attachment IV

ENVIRONMENTAL COMMITTEE

ASBESTOS TEXTILE INSTITUTE, INC.

June 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

IN ATTENDANCE:

Amatex Corporation -- J. L. Rainey, H. H. Walter
 Asbestos Textil S.A. -- D. B. Barois
 Canadian Johns-Manville Co. Ltd. -- H. M. Hay
 Garlock Inc. -- S. G. Dixit, A. Kuzmuk, R. B. Pilmer (Garlock of
 Lake Asbestos of Quebec Ltd. -- E. A. Farrell Canada Ltd.)
 Nippon Asbestos Co. Ltd. -- S. Shima
 Raybestos-Manhattan, Inc. -- C. A. Kennedy, W. Krucke,
 M. Q. Scowcroft
 Southern Asbestos Co. -- E. C. Bratt, D. W. Childers (Chairman)
 TBA Industrial Products Ltd. -- H. J. Corson

1. First on the agenda was a sound, color, motion-picture film on loan to the Committee by Johns-Manville Corporation entitled "Working With Asbestos." The film was received with enthusiasm.
2. The procedure for requesting an extension of the abatement period on prevention of airborne asbestos fiber was discussed. It was concluded that the procedure would be the same as it has been for the past year.
3. Via a system designed by TBA for stripping cards, one member company was able to reduce the fiber count to below 5 fibers per cubic centimeter. The system can be built from prints which are available, via purchase, from TBA.
4. Another plant employs a "dry" operation that results in a fiber count under 2 f/cc. The facility bases its success on having started the plant with all new equipment.
5. An electronic apparatus is now being tested in at least two plants in an attempt to reduce the fiber count. Both companies will keep the Committee informed of their progress. The equipment is said to give a positive charge to the particles in the air, after which the charged particles are expected to drop to the floor.

Respectfully submitted,

D. E. Childers,
 Acting Chairman

MS 006700

Attachment V

MT-006105

ASBESTOS TEXTILE INSTITUTE

1976 SPRING MEETING

June 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

LIST OF DELEGATES

AMATEX CORPORATION

W. Maaskant
J. L. Rainey
M. J. Scanlan
H. H. Walter

GARLOCK INC.

S. G. Dixit
A. Kuzmuk
R. B. Pilmer (Garlock
of Canada Ltd.)

RAYBESTOS-MANHATTAN, INC.

C. D. Colson
P. G. Dolan
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. C. Moebius
M. Q. Scowcroft

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echerd

ASBESTOS TEXTIL, S.A.

D. E. Barois

BELL ASBESTOS MINES LTD.

W. H. Smith

CANADIAN JOHNS-MANVILLE CO. LTD.

H. M. Hay
D. H. Markusson, Esq. (J.M.)
A. R. Morrill

CASSIAR ASBESTOS CORPORATION LTD.

R. A. Kuntze (ORF)

LAKE ASBESTOS OF QUEBEC LTD.

E. A. Farrell
R. J. Muth, Esq. (Asarco)
C. E. Stieken (Asarco)

NIPPON ASBESTOS CO. LTD.

S. Shima

TEA INDUSTRIAL PRODUCTS LTD.

H. J. Coreon

ASBESTOS INFORMATION ASSOCIATION/NA

R. H. Mereness, Exec. Director

ASBESTOS TEXTILE INSTITUTE

W. B. Alcorn, Jr., Esq.,
ATI Legal Counsel
(Cadwalader, Wickersham & Taft)

D. M. Fagan, ATI Exec. Secretary

Total attendance during the two-day 1976 Spring Meeting was 31 people: 28 members, 1 guest, 1 legal counsel and 1 secretary; representative of 11 member companies, AIA/NA and ATI.

MS 006701

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MT-006106

ASBESTOS TEXTILE INSTITUTE, INC.
MINUTES — BOARD OF GOVERNORS

OCT 6 - 1976

MS 006702

MT-006107

ASBESTOS TEXTILE INSTITUTE, INC.**MEETING - BOARD OF GOVERNORS****October 6-7, 1976****Savannah Inn and Country Club, Savannah, Georgia**

A G E N D A

1. Call To Order - 3:45 p.m. - October 6, 1976
2. Minutes of Last Stated Meeting
3. Financial Report
4. Budget For Fiscal Year 1976-77
5. Two-Day Meetings Schedule
6. Future Meeting Sites & Dates
7. Nominating Committee Report
8. Revision to Articles of Incorporation & By-Laws
9. Membership Directory
10. Registering as a Foreign Agent
11. Committee Reports & Discussions:
 - a) Environmental Committee
 - b) Technical Committee
 - c) Fiber Research and Testing Subcommittee
12. Financing Corporate Litigation Defense
13. Friends in Asbestos Club
14. Membership News
15. New Board Welcomed
16. Adjournment - 10:30 a.m. - October 7, 1976

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MS 006703**MT-006108**

M I N U T E S

IN ATTENDANCE:

Garlock Inc. - A. Kuzmuk, Chairman
 Amatex Corporation - M. J. Scanlan
 Raybestos-Manhattan, Inc. - M. Q. Scowcroft
 Southern Asbestos Company - E. C. Bratt

Cadwalader, Wickersham & Taft - J. D. Officer, Esq.

ATI Executive Secretary - D. M. Fagan

1. CALL TO ORDER: A call to order of the fourth meeting of the Board of Governors of Asbestos Textile Institute, Inc., was issued by Chairman Kuzmuk at 3:45 p.m., October 6, 1976.

2. READING OF MINUTES: Upon Chairman Kuzmuk calling for a reading of the Minutes of the last stated meeting, a motion was made by Mr. Scowcroft to dispense with the reading thereof. The motion was seconded by Mr. Scanlan and carried unanimously.

3. FINANCIAL REPORT: The nine-page Report of Funds and five-page Auditor's Report for the year ended August 31, 1976, were distributed by Treasurer Scanlan. They are appended hereto as Attachments I and II, respectively. Total available funds at year-end were \$8403.13. After considering assets and liabilities, actual net worth was \$6818.40. Income against expenses for the year resulted in a net loss of \$1906.39. As of August 31, 1976, the financial picture for the Chrysotile Asbestos Test Manual, 3rd Edition, showed a net profit of \$206.49. Upon examination by Dreslin and Company, Certified Public Accountants, the financial records of ATI, Inc., for the 1975-76 fiscal year were found to be in order. It was moved by Mr. Bratt, seconded by Mr. Scowcroft, and so carried, to accept the Treasurer's report as presented.

4. BUDGET FOR FISCAL YEAR 1976-77: Treasurer Scanlan presented a proposed budget for the new fiscal year to end August 31, 1977, based on anticipated income of \$16,950.00 including \$15,250.00 from Members' dues. It was moved by Mr. Scowcroft, seconded by Mr. Bratt, and so carried, unanimously, to accept the budget as proposed, including a 10% increase in wages to the Executive Secretary. The new budget appears on page 4 of Attachment I. A list of anticipated income from annual dues is appended hereto as Attachment III. The Secretary gratefully acknowledges the confidence expressed in her ability to continue to carry out her duties as set forth in the By-Laws of the Corporation.

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MS 006704

MT-006109

5. TWO-DAY MEETINGS SCHEDULE: To permit Board members to attend Committee meetings and all delegates to meet flight schedules, it was unanimously agreed to plan two-day meetings as follows:

Thursday	--	Ad Hoc Committee	--	1:00 p.m. to	3:00 p.m.
		Board of Governors	--	3:00 p.m. to	5:30 p.m.
		Reception	--	6:30 p.m. to	8:00 p.m.
Friday	--	Committee Meetings	--	8:00 a.m. to	11:00 a.m.
		General Meeting	--	11:00 a.m. to	12:30 p.m.
		Adjournment by		12:30 p.m.	

6. FUTURE MEETING SITES & DATES: Following the prior Board decision to hold Winter meetings in Atlanta, Spring meetings in Washington, D.C., and Annual meetings at resort-type locations, the ensuing schedule was established:

1977 Feb 3-4	--	Terrace Garden Inn, Atlanta, Georgia
1977 Jun 2-3	--	Washington Statler Hilton, Washington, D.C.
1977 Oct 5-7	--	Ponte Vedra Club, Ponte Vedra Beach, Florida
1978 Feb 1-2	--	Atlanta, Georgia
1978 Jun 1-2	--	Washington, D.C.
1978 Oct 4-6	--	Kiawah Island Inn, Charleston, South Carolina

7. NOMINATING COMMITTEE: Upon presentation of a slate of Officers and proposed Committee Chairmen by Mr. Bratt, Chairman of the Nominating Committee, the following gentlemen were unanimously approved to serve for their respective terms of office:

Officers -- One-Year Terms to August 31, 1977
 President -- M. J. Scanlan, Amatex Corporation (also serves as Chairman of the Board of Governors)
 Vice President & Treasurer -- H. J. Corson, TBA Industrial Products Ltd.

Committee Chairmen -- Two-Year Terms to August 31, 1978
 Environmental -- C. A. Kennedy, Raybestos-Manhattan, Inc.
 Technical -- A. R. Morrill, Canadian Johns-Manville Co. Ltd.
 Fiber Research and Testing -- H. Devriese, Asbestos Corporation Ltd.

8. REVISION TO ARTICLES OF INCORPORATION & BY-LAWS: A revision to paragraphs 6A and 6B of the Articles of Incorporation re definitions of Regular and Associate Member categories and a revision to Section 6 of the By-Laws concerning annual dues were heretofore approved by the Board of Governors effective September 1, 1976. (See Minutes of Meeting of Board of Governors held October 1, 1975). The Articles of Amendment of the Articles of Incorporation shall be filed with the Pennsylvania Department of State and officially published. For the sake of good order and clarification, a move for additional revisions

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MS 006705

MT-006110

to the By-Laws, also effective September 1, 1976, was made by M. J. Scanlan, seconded by M. Q. Scowcroft, and so carried, unanimously, as follows:

Renumber the former SECTION 7--EXECUTIVE SECRETARY
to SECTION 6--EXECUTIVE SECRETARY

Renumber the former SECTION 8--ASSISTANT TREASURER
to SECTION 7--ASSISTANT TREASURER

Renumber the former SECTION 6--INITIATION FEES, DUES & ASSESSMENTS
to SECTION 8--INITIATION FEES, DUES & ASSESSMENTS

Add: SECTION 11--QUORUM: A majority of the members entitled to vote shall constitute a quorum. A quorum must be present for the transaction of business. A majority vote of the voting members present shall be necessary for the passing of motions, resolutions, etc. (Exception: Amendment of By-Laws; see Section 10).

9. MEMBERSHIP DIRECTORY: It was unanimously agreed that a new directory of members should be prepared and issued as of September 1, 1976. The Secretary will poll the membership to determine company locations and representation, Committee members and home addresses. The up-dated directory will be mailed to the general membership as soon as possible.

10. FOREIGN AGENT: Since the Board of Governors is now international in its representation, the question was raised as to whether or not the Corporation is required to register with the U.S. Attorney General as an agent of a foreign principal. Legal Counsel will make a study and so advise the Board of his findings.

Because of the lateness of the hour, it was moved by Mr. Scowcroft, seconded by E. C. Bratt, and so carried, to adjourn the meeting at 5:45 p.m. and reconvene the next morning. The meeting was recalled to order by Chairman Kuzmuk at 9:00 a.m., October 7, 1976.

11. COMMITTEE REPORTS & DISCUSSIONS

a) Environmental -- Report by Temporary Chairman D. E. Childers, Southern Asbestos Company. Mr. Childers visited the concurrent meeting of the ATI Technical Committee to hear a proposal by non-member Dr. S. Golub, Assistant Director of FRL, an Albany International Company, concerned with the "Development of an Improved Sampling and Counting Technique for Airborne Asbestos Fibers." Essentially the technique would make use of a microscope and an automatic photo-multiplier. The proposal offered to develop a more precise counting method whereby Chrysotile asbestos fibers are dyed but not the background material, thus differentiating the Chrysotile from any other materials and substances and permitting more accurate counting of

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MS 006706

MT-006111

airborne Chrysotile fibers. Dr. Golub indicated it would also be possible, via the proposed method, to differentiate other varieties of asbestos. The proposal is scheduled for further discussion at the meeting of the ATI Environmental Committee to be held the next morning. Also to be discussed was an electronic device that charges particles in the atmosphere and then drops them to the floor.

b) Technical -- Report by Acting Chairman W. Maaskant, Amatex Corporation. Most of the revisions of ASTM Standards relating to asbestos textiles have been approved and those few which need further discussion should be finalized during the committee meeting of ASTM D-13 on Textiles to be held in October 1976 in New York City. Discussion on Specification MIL-I-15349 should be completed at the Technical Committee meeting the next morning. Dr. S. Golub, mentioned in the immediately preceding paragraph 9b, attended the Technical Committee meeting not only to present the proposal but also as Chairman of ASTM Committee D-13.

c) Fiber Research and Testing -- Report by Chairman R. A. Kuntze, Ontario Research Foundation (Cassiar Asbestos Corporation Ltd.). Issues to be discussed by the Committee included the on-going round-robin test program on the fiber count method; an analysis determination of coefficient of variation under study in Australia; the availability on the market of automatic and semi-automatic instruments suitable for taking non-specific dust counts; possible replacements for the Suter-Webb comb test for spinning fiber (a technique that is being used less frequently because of a lack of trained operators); and a report from the Quebec Asbestos Mining Association concerning the modification of certain existing test methods and the possible introduction of some new ones.

12. FINANCING CORPORATE LITIGATION DEFENSE: After complete discussion, the Board of Governors of ATI, Inc., unanimously agreed that although a Special Assessment for expenses incurred in litigations naming the Corporation as a defendant is probably in order, it is a decision which should be made by the new Board which does not hold its first meeting until February 3, 1977. Meanwhile, the Secretary

13. FRIENDS IN ASBESTOS CLUB: Formal notice was received from Mr. G. Gindre announcing the formation in Geneva, Switzerland, of the Friends in Asbestos Club. The Constitution of FinAC is forthcoming for inspection.

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MS 006707

MT-006112

14. MEMBERSHIP NEWS: W. A. Guenther has left the employ of Raybestos-Manhattan, Inc., to take a new position with W. R. Grace and Company in Lausanne, Switzerland. The vacancy at R/M has been filled by Robert B. Sims. . . . W. B. R. Callan will not continue his involvement with the Institute due to organizational changes at the Thetford Operations of Asbestos Corporation Ltd. His replacement in ATI affairs is H. Devriese. . . . Two new members to become active in ATI, representative of Cassiar Asbestos Corporation Ltd., are N. Gritzuk, Chairman, and Peter Steen, President. . . . H. E. Sunbury, former ATI Executive Secretary, advised of the passing of Walter C. Atkinson, Johns-Manville Corporation, retired. Mr. Atkinson had, in the past, been active in the affairs of the Institute.

15. NEW BOARD WELCOMED: Chairman Kuzmuk officially welcomed and introduced several of the new Governors who will serve on the Board for the ensuing year. A list of the ten Regular Member Companies and their representatives on the Board of Governors (See Attachment III appended hereto), together with a copy of the Articles of Incorporation and By-Laws, were distributed. The new Governors were advised that one of the items on the agenda of their first Board meeting, scheduled for February 3, 1977, will be to discuss the establishment of a Corporate Litigation Defense Fund. At that time they will receive a report from Legal Counsel defining the limits of liability of those Associate Member companies who are now Regular Members, thereby assisting each Governor to determine where his company fits in the total picture.

16. ADJOURNMENT: There being no further business to be brought before the Board of Governors, it was moved by Mr. Scowcroft, seconded by Mr. Bratt, and unanimously approved to adjourn the meeting at 10:30 a.m.

Respectfully submitted,


Doris M. Fagan,
Executive Secretary

Attachment I: Treasurer's Report of Funds for F/Y to 8/31/76
Attachment II: Auditor's Report for F/Y to 8/31/76
Attachment III: Anticipated Income from Dues for F/Y to 8/31/77
Attachment IV: Board of Governors as of 9/1/76

MS 006708

MT-006113

ASBESTOS TEXTILE INSTITUTE, INC.

FOUNDED 1944



NINE-PAGE REPORT OF FUNDS

9/1/75 THRU 8/31/76

PREPARED AS OF 8/31/76 BY:

Doris M. Fagan
Doris M. Fagan, Assistant Treasurer

APPROVED BY:

Michael J. Scanlan, Treasurer

SUBJECT TO AUDIT

MS 006709

Attachment I/page 1 of 9

MT-006114

ASBESTOS TEXTILE INSTITUTE, INC.
Report of Funds

Fiscal Year Ending August 31, 1976
Period: September 1, 1975 thru August 31, 1976

BALANCE ON HAND - September 1, 1975:

Checking Account	\$	700.48
Savings Account		20,936.45
Petty Cash Account		46.21
		\$ 21,683.14
Less Amount in Litigation Defense Fund		- 13,083.93

TOTAL ON HAND - September 1, 1975 \$ 8,599.21

RECEIPTS:

Booklet Sales	\$	136.84
Test Manual Sales		1,492.84
Members' Dues		11,250.00
Interest on Savings		758.85
ATI Meeting Expense Reimbursement		112.00
Office Supplies/Repaid by Litigation Defense Fund		99.34
Charged Expense		24.72
		\$ 13,874.59
From Litigation Defense Fund for Shoup Litigation		+ 2,576.68
		\$ 16,451.27
Members' Dues For Next Fiscal Year		+ 1,519.50

TOTAL RECEIPTS + 17,970.77

\$ 26,569.98

DISBURSEMENTS:

Legal--Services.....\$3,845.00)		
Expenses.....\$1,360.78)	\$	5,205.78
Incorporation Expenses		356.35
Secretary's Gross Wages		2,945.97
Taxes on Wages Paid by ATI, Inc.		235.35
ATI Meeting Expense		2,743.41
Secretary's Travel Expense		495.59
Telephone		591.02
Printing/Office Supplies		1,060.19
Postage--Excluding Test Manual		528.13
Postage--Test Manual		213.60
Rental of Office Space		660.00
Accountant/Caruso/1974-75		300.00
ASTM Dues 1976		25.00
Gifts/Flowers/Plaques		20.53
Booklet Sale Refunds		45.25
Insurance		164.00
		\$ 15,590.17
Shoup Litigation		+ 2,576.68

TOTAL DISBURSEMENTS - 18,166.85

BALANCE ON HAND - August 31, 1976 \$ 8,403.13

MS 006710

MT-006115

Continued.....

Attachment I/page 2 of 7

BALANCE ON HAND - August 31, 1976:

Checking Account	\$ 928.75
Savings Account	7,462.72
Petty Cash Account	<u>11.66</u>

TOTAL AVAILABLE FUNDS - August 31, 1976 \$ 8,403.13

ASSETS AS OF August 31, 1976:

Total Funds As Listed Above	\$ 8,403.13
Accounts Receivable -- Test C-2 For Vanderbilt	5.57
Office Expenses/Litigation	107.46
Furniture & Equipment/Nominal Value	<u>1.00</u>

TOTAL ASSETS \$ 8,517.16

LIABILITIES AS OF August 31, 1976:

Accounts Payable -- Accrued Taxes on Wages	\$ 179.26
Members' Dues For Next F/Y	<u>1,519.50</u>

TOTAL LIABILITIES - 1,698.76

ACTUAL NET WORTH AS OF AUGUST 31, 1976 \$ 6,818.40

MS 006711

Continued.....Attachment I/page 3 of 9

MT-006116

EXPENSES AGAINST BUDGET -- FISCAL YEAR TO AUGUST 31, 1976

PROPOSED BUDGET -- FISCAL YEAR TO AUGUST 31, 1977

	Budgeted F/Y 1975-76	Actual F/Y 1975-76	Proposed Budget F/Y 1976-77
INCOME:			
Members' Dues	\$ 13,125.00	\$ 11,250.00	\$ 15,250.00
Interest on Savings	1,000.00	758.85	1,000.00
Booklet/Magnetite Sales	100.00	136.84	100.00
Test Manual Sales	500.00	1,492.84	600.00
	<u>\$ 14,725.00</u>	<u>*\$ 13,638.53</u>	<u>\$ 16,950.00</u>
EXPENSES:			
Legal Services/Expenses	\$ 4,800.00	\$ 5,205.78	\$ --
Legal Services	..	..	4,000.00
Legal Expenses	..	..	1,500.00
Incorporation Expenses	..	356.35	70.00
Secretary's Gross Wages	3,000.00	2,945.97	3,300.00
Taxes on Wages Paid by ATI	175.00	235.35	260.00
ATI Meeting Expense	1,000.00	2,743.41	2,800.00
Secretary's Travel Expense	600.00	495.59	700.00
Telephone	500.00	591.02	700.00
Printing/Office Supplies	850.00	1,060.19	1,100.00
Postage/Excluding Test Manual	600.00	528.13	700.00
Postage/Test Manual	..	213.60	100.00
Rental of Office Space	660.00	660.00	660.00
Accountant/Caruso	300.00	300.00	200.00
ASTM Dues	25.00	25.00	25.00
Gifts/Flowers/Plaques	300.00	20.53	400.00
Insurance	160.00	164.00	200.00
	<u>\$ 12,970.00</u>	<u>*\$ 15,544.92</u>	<u>\$ 16,715.00</u>
Reserve or Unexpected Expenses	..	..	+ 235.00
	<u>\$ 12,970.00</u>	<u>*\$ 15,544.92</u>	<u>\$ 16,950.00</u>

*Actual Receipts: \$13,638.53

Actual Expenses: -15,544.92

(\$ 1,906.39)

MS 006712

Continued.....

Attachment I/page 4 of 9

MT-006117

CHRYSTILE ASBESTOS TEST MANUAL, 3RD EDITIONTOTAL PICTURE FROM AVAILABILITY/OCTOBER 1974

RECEIPTS AS OF SEPTEMBER 1, 1975

\$ 21,536.78

RECEIPTS -- September 1975 thru April 1976	\$ 1,173.85
May 1976	56.85
June 1976	89.85
July 1976	37.90
August 1976	<u>134.39</u>

TOTAL RECEIPTS - 9/1/75 thru 8/31/76	+ <u>1,492.84</u>
--	-------------------

TOTAL RECEIPTS TO DATE	\$ 23,029.62
----------------------------------	--------------

DISBURSEMENTS AS OF SEPTEMBER 1, 1975 \$ 22,609.53

DISBURSEMENTS/POSTAGE & RELATED COSTS --

9/1/75 thru 8/31/76	+ <u>213.60</u>
-------------------------------	-----------------

TOTAL DISBURSEMENTS TO DATE	- <u>22,823.13</u>
---------------------------------------	--------------------

NET PROFIT AS OF AUGUST 31, 1976	\$ <u>206.49</u>
--	------------------

TEST MANUALS SOLD THROUGH 8/31/76.... 129

APPROXIMATE AVAILABLE FOR SALE..... 35

MS 006713

Continued.....Attachment I/page 5 of 9

MT-006118

DISBURSEMENTS VOUCHER

<u>CHECK #</u>	<u>DATE</u>	<u>AMOUNT</u>	<u>PAYABLE TO</u>	<u>FOR</u>
EXPENDED FROM				
9/1/75 THRU 4/30/76		\$10,657.74		
164	5/ 5/76	31.56	Postmaster	Mailing 6/76 Mtg Notices
165	5/26/76	52.14	Bell of Pa.	Telephone - Apr 1976
166	5/26/76	119.36	Kwick Print	Letterheads & 6/76 Meeting Notices
167	5/26/76	164.00	Donahue Bros.	Insurance/Year 1976
168	5/26/76	175.00	Doris M. Fagan	Net Wages - May 1976
169	5/26/76	1,173.99	Cadwalader, W & T	Legal Services/Expenses, 1st Quarter 1976
170	6/ 3/76	80.12	ASBESTOS Magazine	Office Expenses - 5/76
171	6/ 9/76	44.38	Bell of Pa	Telephone - May 1976
172	6/ 9/76	54.60	Doris M. Fagan	Cash Expenses - 6/76 Meeting
173	6/28/76	1,649.09	Kerr, Wattles & Russell	Shoup Litigation
174	6/28/76	927.59	Cadwalader, W & T	Shoup Litigation
175	6/29/76	50.00	Cash	Petty Cash Account
176	6/30/76	31.00	Projection Inc.	Projector - 6/76 Meeting
177	6/30/76	385.35	Stouffer's	6/76 Meeting Expense
178	6/30/76	175.00	Doris M. Fagan	Net Wages - Jun 1976
179	7/ 1/76	41.43	ASBESTOS Magazine	Office Expenses - 6/76
180	7/ 2/76	251.61	First Pa. Bank	Federal Tax Deposit - 2nd Quarter 1976
181	7/ 2/76	15.00	Pa Unem Comp Fund	Pa Unem Tax/2nd Qtr 1976
182	7/ 2/76	17.25	Pa Dept Revenue	Pa Income Tax/2nd Qtr 76
183	7/16/76	14.97	Bell of Pa.	Telephone - Jun 1976
184	7/19/76	165.00	ASBESTOS Magazine	Office Rent/3rd Qtr 1976

Continued.....

Attachment I/page 6 of 9

MT-006119

MS 006714

DISBURSEMENTS VOUCHER/CONTINUED

<u>CHECK #</u>	<u>DATE</u>	<u>AMOUNT</u>	<u>PAYABLE TO</u>	<u>FOR</u>
185	7/30/76	\$ 175.00	Doris M. Fagan	Net Wages - Jul 1976
186	8/ 4/76	65.00	American Express Co.	Air Fare - 6/76 Mtg
187	8/12/76	16.80	Bell of Pa.	Telephone - Jul 1976
188	8/13/76	41.34	ASBESTOS Magazine	Office Expenses - 7/76
189	8/18/76	60.89	Postmaster	Mailing 6/76 Minutes
190	8/25/76	29.79	Postmaster	Mailing 10/76 Mtg Notices
191	8/25/76	27.00	C. Paul Stover	Clerical & Trucking
192	8/25/76	175.00	Doris M. Fagan	Net Wages - Aug 1976
193	8/31/76	66.19	ASBESTOS Magazine	Office Expenses - 8/76
194	8/31/76	<u>1,196.71</u>	Cadwalader, W & T	Legal Services/Expenses, 2nd Quarter 1976
Total Expended Thru 8/31/76 Via Checks....\$18,129.90				
Petty Cash Expended Thru 8/31/76.....+ 486.95 \$18,616.85				
*Less Checks Drawn For Petty Cash.....- 450.00				
Total Expenses Thru August 31, 1976.....\$18,166.85				
*9/1/75 thru 4/30/76..\$ 400.00 6/29/76 - Check #175..+ 50.00 \$ 450.00				

Withdrawals From Savings Account
For Transfer To Checking Account:

9/ 1/75 thru 4/30/76	\$ 9,000.00
5/ 7/76	1,000.00
5/20/76	1,000.00
6/30/76	1,000.00
8/20/76	<u>2,000.00</u>
TOTAL THROUGH 8/31/76	\$ 14,000.00

MS 006715

MT-006120

Continued.....

Attachment I/page 7 of 9

DISBURSEMENTS FROM PETTY CASH ACCOUNT

BALANCE MAY 1, 1976 \$ 11.29

EXPENDITURES

#055 -- Mailing Test Manual to Shintoa Intl., New York City . \$.82

#056 -- Get Well Card for Paul Leclerc53

#057 -- Mailing Test Manual to Connell Bros., San Fran/Calif. .66

#058 -- Repro's - re: Committees 1.38

#059 -- Repro's - re: Hathaway bill Litigation--10¢)
re: Board Agenda General-----22¢) .32

#060 -- Mailing Test Manual to Union Carbide, Indianapolis. . .83

TOTAL EXPENDITURES - MAY 1976 - 4.54

BALANCE MAY 31, 1976 \$ 6.75

RECEIPTS: Cash Deposit via Check #175 6/29/76 50.00

\$ 56.75

EXPENDITURES

#061 -- Factbook from ASBESTOS for Amiantifera, Milano. . . . \$ 1.00

#062 -- Mailing Test Manual to Amiantifera, Milano, Italy . . 4.75

#063 -- Mailing Test Manual to Fenmak Cihaz, Istanbul, Turkey 4.75

#064 -- Factbook from ASBESTOS for Gerold & Co., Wien, Austria 1.00

TOTAL EXPENDITURES - JUNE 1976 - 11.50

BALANCE JUNE 30, 1976 \$ 45.25

EXPENDITURES

#065 -- Mailing Test Manuals to England & Austria \$ 9.50

#066 -- Mailing Registered Letter to IRS 1.58

#067 -- Repro's re ASTM D-13 Membership Application22

#068 -- Mailing Test Manuals to Hooker Chemical, New York . . 1.17

TOTAL EXPENDITURES - JULY 1976 - 12.47

BALANCE JULY 31, 1976 \$ 32.78

MS 006716

MT-006121

Continued.....Attachment I/page 8 of 9

DISBURSEMENTS FROM PETTY CASH ACCOUNT

BALANCE AUGUST 1, 1976 \$ 32.78

EXPENDITURES

#069 -- Factbook from ASBESTOS for Soon Seng, Malaysia . . . \$ 1.00

#070 -- Mailing Test Manuals to Soon Seng, Selangor,
Malaysia; Sytco Europa, Lugano, Switzerland;
and Abex, Mahwah, New Jersey 10.35

#071 -- Repro's/Nominating Committee Memo to E.C.Bratt32

#072 -- Repro's/AIA Conference Memo to R.A.Kuntze43

#073 -- Mailing Test Manual & Handbook to A.E.Tejada, Texas. .85

#074 -- Mailing Test Manuals to Heinrich, Hamburg, Germany . 8.17TOTAL EXPENDITURES - AUGUST 1976 - 21.12

BALANCE AUGUST 31, 1976 \$ 11.66

Expended 9/1/75 thru 4/30/76. . . . \$ 437.32

May 1976 4.54

June 1976 11.50

July 1976 12.47

August 1976 21.12Expended 9/1/75 thru 8/31/76 . . . \$ 486.95

- end -

MS 006717

Attachment I/page 9 of 9

MT-006122

DRESLIN AND COMPANY

CERTIFIED PUBLIC ACCOUNTANTS

OFFICES547 SWEDE STREET
NORRISTOWN, PA. 19401. Phone: 272-35711132 HIGH STREET
POTTSTOWN, PA. 19464. Phone: 326-6570163 SOUTH BROAD STREET
LANSDALE, PA. 19446. Phone: 855-1011DAVID P. HARRIS, C.P.A.
ANDREW J. DAROCHA, C.P.A.
FORREST C. IRICK, JR., C.P.A.
DAVID P. SANDLER, C.P.A.Asbestos Textile Institute, Inc.
131 North York Road (P. O. Box 471)
Willow Grove, Pennsylvania 19090

Gentlemen:

We have examined the balance sheet of the Asbestos Textile Institute as of August 31, 1976 and the related statements of income and expenses for the year then ended. Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying statements present fairly the financial position of the Asbestos Textile Institute at August 31, 1976 and the results of its operations for the year then ended in conformity with generally accepted accounting principles.

Dreslin and Company

September 27, 1976

MS 006718

ATTACHMENT II

MT-006123

Schedule #1
ASBESTOS TEXTILE INSTITUTE
Balance Sheet
August 31, 1976

Assets

Current Assets:

Cash:

Petty Cash Fund	\$11.66	
First Pennsylvania Bank - General Fund	928.75	
Philadelphia Saving Fund Society - Savings Account	<u>7,462.72</u>	\$8,403.13

Accounts Receivable:

Defense Litigation Fund - Expense Reimbursement	\$107.46	
Other	<u>5.57</u>	<u>113.03</u>

Total Current Assets		\$8,516.16
----------------------	--	------------

Fixed Assets:

Furniture and Equipment (Nominal Value)		<u>1.00</u>
---	--	-------------

Total Assets		<u>\$8,517.16</u>
--------------	--	-------------------

Liabilities

Current Liabilities:

Employee Payroll Tax Deductions	\$179.26	
1976-1977 Dues Received in Advance	<u>1,519.50</u>	

Total (Current) Liabilities		\$1,698.76
-----------------------------	--	------------

Net Worth

Net Assets-Transferred 9/1/75 (Incorporation)	\$8,531.81	
<u>Less: Net (Loss) per Schedule #2</u>	<u>(1,713.41)</u>	

Balance - 8/31/76		<u>6,818.40</u>
-------------------	--	-----------------

Total Liabilities and Net Worth		<u>\$8,517.16</u>
---------------------------------	--	-------------------

MS 006719

MT-006124

Schedule #2
ASBESTOS TEXTILE INSTITUTE
Income Statement
September 1, 1975 to August 31, 1976

Income:

Test Manual Sales	\$1,492.84
Members' Dues	11,250.00
Litigation Defense Fund Reimbursement for Shoup	
Litigation	2,576.68
Interest Income	758.85
Book Sales, etc.	88.77
Reimbursed Expenses	<u>349.09</u>

Total Income

\$16,516.23

Expenses:

Legal Services and Expenses	\$5,205.78
Incorporation Expense	356.35
Salary - Executive Secretary	3,000.00
Payroll Taxes	244.11
ATI Meeting Expense	2,743.41
Secretary's Travel Expense	495.59
Telephone	591.02
Printing and Office Supplies	1,060.19
Postage - Test Manual	213.60
Postage - Other	528.13
Office Rent	660.00
Accounting	300.00
ASTM Dues	25.00
Gifts, Flowers, Plaques, etc.	20.53
Insurance	164.00
Booklet Sale Refunds	45.25
Legal Expense - Shoup Litigation	<u>2,576.68</u>

Total Expenses

18,220.64

Net (Loss)

(\$1,713.41)

MS 006720

MT-006125

Schedule #3
ASBESTOS TEXTILE INSTITUTE
Statement of Cash Receipts and Disbursements
September 1, 1975 to August 31, 1976

Cash Balances - 9/1/75 \$8,599.21

Receipts:

Book Sales, etc.	\$136.84	
Test Manual Sales	1,492.84	
Interest	758.85	
Litigation Defense Fund Reimbursement - Shoup		
Litigation	2,576.68	
Members' Dues - Current Year	11,250.00	
- 1976-1977	1,519.50	
Reimbursed Expenses	<u>236.06</u>	<u>17,970.77</u>
		\$26,569.98

Disbursements:

Legal Services and Expenses	\$5,205.78	
Incorporation Expense	356.35	
Salary - Executive Secretary	2,945.97	
Payroll Taxes	235.35	
ATI Meeting Expense	2,743.41	
Secretary's Travel Expense	495.59	
Telephone	591.02	
Printing and Office Supplies	1,060.19	
Postage - Test Manual	213.60	
Postage - Other	528.13	
Office Rent	660.00	
Accounting	300.00	
ASTM Dues	25.00	
Gifts, Flowers, Plaques, etc.	20.53	
Insurance	164.00	
Booklet Sale Refunds	45.25	
Legal Expense - Shoup Litigation	<u>2,576.68</u>	
Total Disbursements		<u>18,166.85</u>
Cash Balances - 8/31/76		<u>\$8,403.13</u>

MS 006721

MT-006126

ASBESTOS TEXTILE INSTITUTE, INC.
Notes to Financial Statements and Other Comments

Litigation:

Class action lawsuits were instigated in January, 1974 against PPG Industries, Inc., et al, which includes all members of Asbestos Textile Institute, claiming that A. T. I. impeded the free flow of information about the health hazards of asbestos. The approximate amount of the suits is \$150,000,000.

Incorporation:

Asbestos Textile Institute, Inc. was incorporated on August 27, 1975. On September 1, 1975 all assets and liabilities of the unincorporated association Asbestos Textile Institute were transferred to the corporation, except for the monies in the Litigation Defense Fund.

MS 006722

MT-006127

ATI, INC., MEMBERSHIP DUES FOR FISCAL YEAR ENDING AUGUST 31, 1977
INVOICES ISSUED AND DUE SEPTEMBER 1, 1976

COMPANY & CLASSIFICATION

AMOUNT INVOICED

REGULAR MEMBERS/CLASS A

AMATEX CORPORATION	\$ 1,500.00
RAYBESTOS-MANHATTAN, INC.	1,500.00
SOUTHERN ASBESTOS COMPANY	1,500.00

REGULAR MEMBERS/CLASS B

ASAHI ASBESTOS CO. LTD.	1,000.00
ASBERIT S.A.	1,000.00
ASBESTOS TEXTIL S.A.	1,000.00
CANADIAN JOHNS-MANVILLE CO. LTD.	1,000.00
GARLOCK OF CANADA LTD.	1,000.00
NIPPON ASBESTOS CO. LTD.	1,000.00
TBA INDUSTRIAL PRODUCTS LTD.	1,000.00

ASSOCIATE MEMBERS/CLASS C

ATLAS TEXTILE COMPANY	750.00
ASBESTOS CORPORATION LTD.	750.00
BELL ASBESTOS MINES LTD.	750.00
CASSIAR ASBESTOS CORPORATION LTD.	750.00
LAKE ASBESTOS OF QUEBEC LTD.	<u>750.00</u>

ANTICIPATED ANNUAL DUES INCOME \$	15,250.00
---	-----------

MS 006723

Attachment III

MT-006128

ASBESTOS TEXTILE INSTITUTE, INC.

FOUNDED 1944



ATI, INC., BOARD OF GOVERNORS FOR FISCAL YEAR ENDING AUGUST 31, 1976

COMPANY, REPRESENTATIVE & CLASSIFICATION

REGULAR MEMBERS/CLASS A

AMATEX CORPORATION
Michael J. Scanlan

RAYBESTOS-MANHATTAN, INC.
Milton Q. Scowcroft

SOUTHERN ASBESTOS COMPANY
Ernest C. Bratt

REGULAR MEMBERS/CLASS B

ASAHI ASBESTOS CO. LTD.
Hajime Iwata

ASBERIT S.A.
M. Cattaneo A.

ASBESTOS TEXTIL S.A.
Denis Barois B.

CANADIAN JOHNS-MANVILLE CO. LTD.
Harry M. Hay

GARLOCK OF CANADA LTD.
Robert B. Pilmer

NIPPON ASBESTOS CO. LTD.
Shin Shima

TBA INDUSTRIAL PRODUCTS LTD.
Harland J. (Jerry) Corson, Jr.

MS 006724

MT-006129

Attachment IV

Minutes

BOARD OF GOVERNORS

Asbestos Textile Institute

OCT 6 - 1976

MS 006725

MT-006130

ASBESTOS TEXTILE INSTITUTE
MEETING -- BOARD OF GOVERNORS

October 6, 1976

Savannah Inn and Country Club, Savannah, Georgia

A G E N D A

1. Call To Order - 3:30 p.m.
2. Minutes of Last Stated Meeting
3. Financial Report
4. Federal Tax Exemption
5. Ad Hoc Committee Report
6. Special Assessment #3
7. Next Meeting
8. Adjournment - 3:45 p.m.

M I N U T E S

IN ATTENDANCE:

Garlock Inc. - A. Kuzmuk, Chairman
Amatex Corporation - M. J. Scanlan
Raybestos-Manhattan, Inc. - M.Q. Scowcroft
Southern Asbestos Company - E. C. Bratt

Cadwalader, Wickersham & Taft - J. D. Officer, Esq.

ATI Executive Secretary - D. M. Fagan

MS 006726

1. CALL TO ORDER: The October 6, 1976, meeting of the Board of Governors of the Asbestos Textile Institute was called to order at 3:30 p.m. by Chairman Kuzmuk.

2. READING OF MINUTES: Upon presentation, it was moved by Mr. Bratt and seconded by Mr. Scowcroft to dispense with the reading of the Minutes of the last stated meeting and to accept them as written. The motion was approved, unanimously.

3. FINANCIAL REPORT: Treasurer Scanlan presented the financial picture of the Litigation Defense Fund as of the end of the 1975-76 fiscal year. The cash balance on hand at August 31, 1976, was \$3843.26 but with an Accounts Payable figure of \$107.46 the actual net worth at year-end was \$3735.80. It was further reported that the annual records had been audited by Dreslin and Company, Certified Public Accountants, and had been found to be in order. It was moved

more.....

MT-006131

by Mr. Bratt, seconded by Mr. Scowcroft, and so approved, unanimously, to accept the report as presented. The Treasurer's and Auditor's reports are appended hereto as Attachments I and II, respectively.

4. FEDERAL TAX EXEMPTION: The Secretary advised the Governors the Internal Revenue Service had been apprised of the change in the activities of ATI in that it is now only engaged in the defense of its rights in the Tyler Litigation. IRS, via letter of August 17, 1976, has informed the Institute its exemption from Federal income tax under Section 501(c)(6) of the Internal Revenue Code.

6. SPECIAL ASSESSMENT #3: The Governors took under consideration the recommendation of the Ad Hoc Committee to place a Special Assessment on the Regular Member companies of the Institute, based on 100% of annual dues, to cover expected future litigation expenses. After lengthy and detailed discussion, it was moved by Mr. Bratt, seconded by Mr. Scanlan, and so approved, unanimously, that the \$3735.80 balance in the Litigation Defense Fund should be sufficient to cover Tyler Litigation expenses through December 1976 and that the subject of a third Special Assessment can be reviewed at the next meeting of the Board of Governors to be held February 3, 1977; and, in the

7. NEXT MEETING: The next meeting of the ATI Board of Governors will be held February 3, 1977, at the Terrace Garden Inn, Atlanta, Georgia.

8. ADJOURNMENT: There being no further business to be discussed, it was moved by Mr. Bratt, seconded by Mr. Scowcroft, and so carried, to adjourn the meeting. The meeting was adjourned at 3:45 p.m.

Respectfully submitted,



Doris M. Fagan,
Executive Secretary

- Attachment I: Treasurer's Report of Funds for F/Y to 8/31/76.
- Attachment II: 4-page Auditor's Report for F/Y to 8/31/76.
- Attachment III: Receipts vs. Expenses of Litigation Defense Fund from 4/1/74 through 8/31/76.

MS 006727

MT-006132

ASBESTOS TEXTILE INSTITUTE
LITIGATION DEFENSE FUND

FISCAL YEAR 1975-76

ESTABLISHED: APRIL 1, 1974

REPORT OF FUNDS FOR PERIOD MAY 1, 1976 THRU AUGUST 31, 1976

BALANCE ON HAND - MAY 1, 1976 \$ 8,757.91

RECEIPTS:

6/30/76 - Interest on Savings	\$ 90.67
8/31/76 - Interest on Savings	33.70

TOTAL RECEIPTS	+ 124.37
--------------------------	----------

\$ 8,882.28

DISBURSEMENTS:

6/11/76 - To ATI Inc for Cadwalader, Wickersham & Taft - Shoup Litigation.	\$ 927.59
--	-----------

6/11/76 - To ATI Inc for Kerr, Wattles & Russell - Shoup Litigation	1,649.09
--	----------

6/28/76 - Cadwalader, Wickersham & Taft - Tyler Litigation - 1st Qtr 76	570.28
--	--------

6/28/76 - Hathaway & Jackson - Tyler Litigation - 10/15/75-4/30/76	1,599.00
---	----------

8/31/76 - Cadwalader, Wickersham & Taft - Tyler Litigation - 2nd Qtr 76	293.06
--	--------

TOTAL DISBURSEMENTS	\$ 5,039.02
-------------------------------	-------------

CASH BALANCE ON HAND - AUGUST 31, 1976	\$ 3,843.26*
--	--------------

Accounts Payable - To ATI Inc for Office Expenses 5/1-8/31/76	- 107.46
--	----------

ACTUAL NET WORTH - AUGUST 31, 1976	\$ 3,735.80
--	-------------

*Checking Account: \$ 89.04
Savings Account: +3,754.22
\$3,843.26

SUBJECT TO AUDIT

Signed: Doris M. Fagan, Assistant Treasurer

MS 006728

Signed: Michael J. Scanlan, Treasurer

Attachment I

MT-006133

DRESLIN AND COMPANY

CERTIFIED PUBLIC ACCOUNTANTS

DAVID P. HARRIS, C.P.A.
ANDREW J. DAROCHA, C.P.A.
FORREST C. IRICK, JR., C.P.A.
DAVID P. SANDLER, C.P.A.

OFFICES

547 SWEDE STREET
NORRISTOWN, PA. 19401. Phone: 272-3571

1132 HIGH STREET
POTTSTOWN, PA. 19464. Phone: 326-6570

163 SOUTH BROAD STREET
LANSDALE, PA. 19446. Phone: 855-1011

Asbestos Textile Institute Litigation Defense Fund
131 North York Road (P. O. Box 471)
Willow Grove, Pennsylvania 19090

Gentlemen:

We have examined the balance sheet of the Asbestos Textile Institute Litigation Defense Fund as of August 31, 1976 and the related statements of income and expenses for the year then ended. Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying statements present fairly the financial position of the Asbestos Textile Institute Litigation Defense Fund at August 31, 1976 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Dreslin and Company

MS 006729

September 23, 1976

Attachment II

MT-006134

Schedule #1
ASBESTOS TEXTILE INSTITUTE LITIGATION DEFENSE FUND
Balance Sheet
August 31, 1976

Assets

Current Assets:

Cash in Bank:

First Pennsylvania Bank - General Fund	\$89.04
Philadelphia Saving Fund Society - Savings Account	<u>3.754.22</u>

Total Assets	<u>\$3,843.26</u>
--------------	-------------------

Liabilities

Current Liabilities:

Due to Asbestos Textile Institute, Inc.	\$107.46
---	----------

Net Worth

Balance - 9/1/75	\$13,083.93
<u>Less: Net (Loss) per Schedule #2</u>	<u>(9,348.13)</u>

Balance - 8/31/76	<u>3.735.80</u>
-------------------	-----------------

Total Liabilities and Net Worth	<u>\$3,843.26</u>
---------------------------------	-------------------

MS 006730

MT-006135

Schedule #2
ASBESTOS TEXTILE INSTITUTE LITIGATION DEFENSE FUND
Income Statement
September 1, 1975 to August 31, 1976

Income:

Interest Income	\$398.36
-----------------	----------

Expenses:

Payments to Asbestos Textile Institute, Inc.:	
---	--

Office Expenses	\$206.80
-----------------	----------

Reimbursement for Shoup Litigation	2,576.68
------------------------------------	----------

Other Legal Fees and Expenses	<u>6,963.01</u>
-------------------------------	-----------------

Total Expenses	<u>9,746.49</u>
----------------	-----------------

Net (Loss)	<u>\$9,348.13</u>
------------	-------------------

MS 006731

MT-006136

Schedule #3
ASBESTOS TEXTILE INSTITUTE LITIGATION DEFENSE FUND
Statement of Cash Receipts and Disbursements
September 1, 1975 to August 31, 1976

Cash Balances - 9/1/75		\$13,083.93
Receipts:		
Interest		<u>398.36</u>
		\$13,482.29
Disbursements:		
Payments to Asbestos Textile Institute, Inc.:		
Office Expenses	\$99.34	
Reimbursement for Shoup Litigation	2,576.68	
Other Legal Fees and Expenses	<u>6,963.01</u>	
Total Disbursements		<u>9,639.03</u>
Cash Balances - 8/31/76		<u>\$3,843.26</u>

MS 006732

MT-006137

RECEIPTS VS. EXPENSES FOR THE LIFE OF THE ATI LITIGATION DEFENSE FUNDPERIOD: APRIL 1, 1974, THROUGH AUGUST 31, 1976

RECEIPTS		EXPENSES	
Special Assessment #1 - 5/6/74	\$11,250.00	TYLER LITIGATION	
Special Assessment #2 - 11/12/74	11,250.00	Alcorn	\$12,283.21
Voluntary Contributions - 10/30/74	4,221.88	Hathaway	8,763.82
		Transcripts	<u>807.65</u>
			\$21,854.68
Miscellaneous (interest on savings, transcript sales, etc.)	2,129.61	SHOUP LITIGATION	
		Alcorn	927.59
		Kerr	<u>1,649.09</u>
			2,576.68
		OFFICE EXPENSES	684.33
	<u>\$28,851.49</u>		<u>\$25,115.69</u>

Total Receipts: \$28,851.49
 Total Expenses: -25,115.69
 Balance on Hand: \$ 3,735.80 8/31/76

100% SPECIAL ASSESSMENT		Duration of Period:	28 months
Regular Members/Class A --	\$1500 x 3 = \$ 4,500.00	Average Cost Per Month:	\$ 900.00
Regular Members/Class B --	\$1000 x 7 = <u>7,000.00</u>	Average Cost Per Year:	\$10,800.00
100% VOLUNTARY CONTRIBUTIONS			
Associate Members/Class C-	\$ 750 x 5 =		
		\$11,500.00	
		+ <u>3,750.00</u>	
			\$15,250.00
125% SPECIAL ASSESSMENT			
Regular Members/Class A --	\$1875 x 3 = \$ 5,625.00		
Regular Members/Class B --	\$1250 x 7 = <u>8,750.00</u>		
125% VOLUNTARY CONTRIBUTIONS			
Associate Members/Class C-	\$ 937.50 x 5 =		
		\$14,375.00	
		+ <u>4,687.50</u>	
			\$19,062.50

Attachment III

ASBESTOS TEXTILE INSTITUTE
LITIGATION DEFENSE FUND

FISCAL YEAR 1975-76

ESTABLISHED: APRIL 1, 1974

REPORT OF FUNDS FOR PERIOD MAY 1, 1976 THRU AUGUST 31, 1976

BALANCE ON HAND - MAY 1, 1976 \$ 8,757.91

RECEIPTS:

6/30/76 - Interest on Savings \$ 90.67
8/31/76 - Interest on Savings 33.70

TOTAL RECEIPTS + 124.37
\$ 8,882.28

DISBURSEMENTS:

6/11/76 - To ATI Inc for Cadwalader,
Wickersham & Taft -
Shoup Litigation. 927.59

6/11/76 - To ATI Inc for Kerr, Wattles
& Russell - Shoup Litigation 1,642.09

6/28/76 - Cadwalader, Wickersham & Taft
- Tyler Litigation - 1st Qtr 76 570.28

6/28/76 - Hathaway & Jackson - Tyler
Litigation - 10/15/75-4/30/76 1,599.00

8/31/76 - Cadwalader, Wickersham & Taft -
Tyler Litigation - 2nd Qtr 76 293.06

TOTAL DISBURSEMENTS \$ 5,039.02

CASH BALANCE ON HAND - AUGUST 31, 1976 \$ 3,843.26*

Accounts Payable - To ATI Inc for Office
Expenses 5/1-8/31/76 . - 107.46

ACTUAL NET WORTH - AUGUST 31, 1976 \$ 3,735.80

*Checking Account: \$ 89.04
Savings Account: +3,754.22
\$3,843.26

Attachment I

MS 006734

MT-006139

**Minutes
GENERAL MEETING
Asbestos Textile Institute**

OCT 8 1976

MS 006735

**PRODUCED
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MT-006140

ASBESTOS TEXTILE INSTITUTE, INC.

1976 ANNUAL MEETING

October 8, 1976

Savannah Inn and Country Club, Savannah, Georgia

LIST OF DELEGATES

AMATEX CORPORATION

W. Maaskant
M. J. Scanlon
J. L. Rainey
H. H. Walcott

GARLOCK INC.

P. S. Hanker, Esq.
A. Kuzink
R. B. Pilmer (Garlock
of Canada Ltd.)

RAYBESTOS-MANVILLE INC.

M. N. Brooks
P. G. Dolan
G. Ferrucci
R. M. Gordon
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. O. Moebius
M. Q. Scowcroft
J. P. Wronski

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echerd

ASBESTOS CORPORATION LTD.

G. F. A. Brink
H. Devriese
P. E. Leclerc

BELL ASBESTOS MINES LTD.

W. H. Smith

CANADIAN JOENS-MANVILLE CO. LTD.

H. M. Hay
A. R. Morrill

CASSIAR ASBESTOS CORPORATION LTD.

N. Grizuk
R. A. Huntze (ORF)
P. Stoen

LAKE ASBESTOS OF QUEBEC LTD.

E. A. Farrell
C. E. Stiefken (ASARCO)

NIPPON ASBESTOS CO. LTD.

K. Mori
S. Shima

TEA INDUSTRIAL PRODUCTS LTD.

H. J. Corson

FRL/AN ALBANY INTERNATIONAL CO.

S. Golub

ASBESTOS TEXTILE INSTITUTE, INC.

J. D. Officer, Esq.,
Legal Counsel
Cadwalader, Wickersham & Taft
D. M. Fagan, Executive Secretary

Total attendance during the three-day 1976 Annual Meeting was 57 people: 34 members, 20 spouses, 1 guest, 1 legal counsel and 1 secretary; representative of 11 member companies, FRL and ATI.

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MS 006736

MT-006141

M I N U T E S

1. CALL TO ORDER: The 1976 Annual General Meeting of Asbestos Textile Institute, Inc., was called to order by President Kuzmuk at 9:15 a.m., October 8, 1976, at the Savannah Inn and Country Club, Savannah, Georgia.

2. INTRODUCTIONS & OFFICIAL WELCOME: President Kuzmuk introduced the following new delegates:

Nicholas Gritzuk, Chairman, Cassiar Asbestos Corporation Ltd.;
 Peter Steen, President, Cassiar Asbestos Corporation Ltd.;
 Herman Devineose, Product Research & Development Manager,
 Thetford Operations, Asbestos Corporation Ltd.;
 Gabriel Ferrucci, President, Raybestos Manhattan Industrial
 Products Company;
 J. David Officer, Esq., Cadwalader, Wickersham & Taft.

Mr. Kuzmuk then welcomed all members, asking each to rise and give his name and company affiliation. Special mention was made of Joseph P. Wronski, of Raybestos-Manhattan, Inc., since this was his first ATI meeting for some time. The attendees at the meeting are listed on the first page of these Minutes.

3. READING OF MINUTES: Upon a call for the reading of the Minutes of the last meeting, it was moved by Mr. Scanlan, seconded by Mr. Bratt, and unanimously carried, to dispense with the reading thereof.

4. FINANCIAL REPORT: A report on the financial posture of the Corporation at August 31, 1976, was presented by Treasurer Scanlan. The cash balance on September 1, 1975, was \$3,599.21. Receipts of \$17,970.77 less disbursements of \$18,166.85 left a cash balance at year-end of \$8,403.13. Actual receipts accountable to the year under review, less actual expenses for the year resulted in a net loss of \$1,906.39. Of interest was the fact that, to date, a net profit of \$206.49 had been realized on the Chrysotile Asbestos Test Manual, 3rd Edition. Treasurer Scanlan also reported that the financial records of the Corporation had been audited by Dreslin and Company, Certified Public Accountants, and had been found to be in order.

The budget for the fiscal year to end August 31, 1977, as approved by the Board of Governors, was presented to the membership. Total receipts are anticipated to be \$16,950.00 and expected expenses should reach about \$16,715.00, leaving the very small amount of \$235.00 for unforeseen costs.

It was moved by Mr. Bratt, seconded by Mr. Scovcroft, and so carried, to accept the Report as presented.

A copy of the Report of Funds as of 8/31/76 and the Approved Budget for the Fiscal Year 1976-77 are appended hereto as Attachment I.

more.....

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5. SPECIAL ASSESSMENT: President Kuzmuk apprised the membership that the Board of Governors had seriously considered the advisability of a Special Assessment on the Regular Member companies of the Corporation to cover expenses being incurred in defense of the several litigations in which the Corporation has been named as a defendant. However, the Governors unanimously agreed the decision should be made by the members of the new Board at their initial meeting in February 1977. In the meantime, Corporate litigation costs will be paid out of general funds.

6. FIBER PRODUCERS REPORT: Prior to giving his official presentation W. H. Smith, Sales and Technical Manager, Bell Asbestos Mines Ltd., offered the suggestion that ATI and the Quebec Asbestos Mining Association endeavor to not schedule their respective meetings concurrently. It appears that the several people who are members of both the QAMA and ATI have much to contribute to the two organizations but are frequently unable to attend both functions because of conflicting dates.

In presenting the Fiber Producers Report, Mr. Smith stated that 1976 has been an extremely good year for sales of Group 3 asbestos fibers, especially in markets in Eastern Europe and the Far East. Sales to Western Europe and North America showed a downward trend. The supply of Group 3 fibers will probably exceed demand in 1977. As a matter of interest, Group 3 fiber sales averaged 38,000 tons per year from 1965 to 1976. The highest volume during the twelve-year period was 47,000 tons in 1968; the lowest was 30,000 tons in 1965. See Attachment II for the Fiber Producers Report in its entirety.

7. FILM/SPECIAL FEATURE: Through the courtesy of Cassiar Asbestos Corporation Ltd., the membership was privileged to view a sound/color motion picture on the importance of asbestos to the safety and comfort of mankind and on Cassiar's asbestos mining operation in Canada. Extensive coverage was given to the asbestos-health issue and effective control measures being taken by Cassiar, and to the company's positive approach and continuing effort toward better, cleaner and safer working and living conditions.

8. TECHNICAL COMMITTEE REPORT: Technical Committee Member Hawkins reported on the activities of the group, stating that Dr. S. Golub, of FRL/an Albany International Company, reviewed his proposed dust counting procedure with the Technical Committee prior to presentation before the Environmental Committee.

Dr. Golub is also Chairman of ASTM Committee D-13 on Textiles. In this capacity he expressed the belief that the Asbestos Industry should endeavor to gain some favorable publicity. One way to do this would be for someone on behalf of ATI to prepare a practical-type paper on the advantages and virtues of asbestos. At the D-13

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meeting in October, a representative of ASTM will discuss the possibility with Subcommittee D-13.14 (essentially the ATI Technical Committee), specifically covering format, content and how ASTM could handle publicity and distribution.

Dr. Golub advised the Committee that most Military and Federal Standards are now being written in ASTM format and that perhaps ATI should become more involved in this changeover.

The Committee, on a continuing basis, updates and revises ten ASTM Standards related to asbestos textiles. All ten of the Standards are presently in good condition, although two are in need of some minor modifications.

Specification MIL-I-15349 concerned with thermal insulation tape has been dropped as a concern of the Committee.

Some updating is in order on the Handbook of Asbestos Textiles, 3rd Edition. Since a large supply of copies still exists, it was felt by the Committee that a one or two page insert would suffice to bring the reader current, briefly, on matters such as ASTM and Military Specifications related to asbestos textiles, OSHA regulations and the wet process method of manufacture.

It would perhaps be well for the Environmental Committee to review two other ATI booklets. For instance, the booklet entitled "Method for Determining Asbestos Dust Concentration" describes the impinger technique as a dust counting procedure. Since the membrane filter method is now specified, some notification should be made in the booklet to the effect that although the information is accurate, it is no longer the standard procedure followed in the Asbestos Industry. The "Measurement of Airborne Asbestos Fiber by the Membrane Filter Method" booklet could also be updated by inserting a page to define more recent calibration and counting procedures. See Attachment III for the entire Technical Committee Report.

9. ENVIRONMENTAL COMMITTEE REPORT: Acting Chairman Childers elaborated on the proposal by Dr. Golub mentioned heretofore in paragraph 8. Dr. Golub has been researching a method for determining the amount of asbestos fiber in the workroom atmosphere. He proposes to use the standard membrane filter method for sampling, but his procedure would differ greatly in the preparation of a sample for counting. Dr. Golub proposes to stain the asbestos fibers with a dye that has an affinity only for asbestos, thereby making a great distinction between the asbestos fibers and the background material. It seems reasonable to assume that research in this direction would be worthwhile, especially in view of the many contradictions possible with the presently accepted counting techniques. In effect, Dr. Golub was seeking funding.

A member of the Committee reported a lack of success on the part of his company toward reducing dust concentrations via electronic apparatus for charging particles in the atmosphere. However, another company testing in a much smaller area of atmosphere

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MS 006739

MT-006144

reported some success with the procedure.

All plants have received from OSHA an extension of the abatement period for mandatory dust control measures. Monthly progress reports must be issued to the Area Director or State authority. See Attachment IV for the entire Environmental Committee Report.

10. FIBER RESEARCH AND TESTING SUBCOMMITTEE REPORT: Chairman Kuntze defined the group's activities concerned with the on-going round-robin program on the dust count method, a procedure for determining length distribution of spinning fiber, and various available dust counting instruments. Dr. Kuntze reiterated the concern over a lack of consumer representation on the Committee. See Attachment V for the entire Report.

11. DR. KUNTZE HONORED: In appreciation of outstanding leadership as Chairman of the ATI Fiber Research and Testing Subcommittee from February 1974 through October 1976, President Kuzmuk presented Dr. Richard A. Kuntze with a handsome, inscribed, walnut plaque. Dr. Kuntze is Director, Department of Materials Chemistry, Ontario Research Foundation. He has been involved in the affairs of ATI on behalf of Cassiar Asbestos Corporation Ltd.

12. CORPORATE LITIGATION: As reported by Attorney Officer, the Corporation currently has three lawsuits outstanding against it. In the two cases arising out of the Philadelphia Naval Shipyard (Ferris and Gerace), communications have been established with the plaintiffs' attorneys and the outlook appears favorable toward ATI, Inc. being dismissed from the lawsuits. An agreement has been reached with Gerace's attorney whereby ATI, Inc., does not have to file any papers or take any action until some future time, if ever. This will keep the Corporation's legal costs in this instance to a minimum.

A new set of cases is arising out of the Norfolk Naval Shipyard Virginia, many of which are expected to name ATI, Inc., as a defendant. However, the attorneys in the Norfolk cases appear to be the same attorneys who are handling the Philadelphia cases and Trial Counsel is, therefore, optimistic that similar agreements will be reached and, hopefully, ATI, Inc., will be dismissed from the suits without incurring significant legal fees.

[At the request of the Board of Governors, Cadwalader, Wickersham & Taft will prepare a memorandum as to the extent of liability of Regular and Associate Member companies in any litigation which involves the Corporation.]

13. NOMINATING COMMITTEE REPORT: Committee Chairman Bratt reported that a slate of officers for the Fiscal Year 1976-77 was presented to the Board and the Governors unanimously accepted the proposal. Consequently the following Officers will serve one-year terms to August 31, 1977 --

more.....

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Page 6 - ATI Inc. 1976 Annual Meeting - 10/8/76

President--Michael J. Scanlan, Amatex Corporation;
Vice President & Treasurer--H. J. (Jerry) Corson, TBA Industrial Products Ltd.

In addition, the following gentlemen have graciously accepted Committee Chairs for two-year terms to August 31, 1978 --

Environmental -- C. A. (Spot) Kennedy, Raybestos-Manhattan, Inc.;
Technical -- Alton R. Morrill, Canadian Johns-Manville Co. Ltd.;
Fiber Research & Testing -- Hermann Devriese, Asbestos Corporation Ltd.

14. NEW BOARD OF GOVERNORS: The following representatives will serve on the Board of Governors of the Corporation under the new membership criteria established as of September 1, 1976 --

AMATEX CORPORATION -- M. J. Scanlan
RAYBESTOS-MANHATTAN, INC. -- M. Q. Scovcroft
SOUTHERN ASBESTOS COMPANY -- E. C. Bratt

ASAHI ASBESTOS CO. LTD. -- H. Iwata
ASBERIT S.A. -- M. Cattaneo A.
ASBESTOS TEXTIL S.A. -- D. Barois B.
CANADIAN JOHNS-MANVILLE CO. LTD. -- H. M. Hay
GARLOCK OF CANADA LTD. -- R. B. Pilmer
NIPPON ASBESTOS CO. LTD. -- S. Shima
TBA INDUSTRIAL PRODUCTS LTD. -- H. J. Corson, Jr.

15. NEWS FROM A FORMER MEMBER: Herbert E. Sunbury, former active ATI member and Executive Secretary, has written the Institute to send his best regards and to advise that he and Christine are doing fine and enjoying good health. Regrettably, he reported the passing of Walter C. Atkinson in September 1976. Many Institute members will recall that Mr. Atkinson was active for some years as an ATI Committee Chairman and Member. He had retired from Johns-Manville Corporation in 1968.

16. ASBESTOS INFORMATION ASSOCIATION/NORTH AMERICA: R. H. Mereness, AIA/NA Executive Director, telephoned a report on what the Occupational Safety and Health Administration is doing that concerns the Asbestos Industry. Briefly, the Association has not received a reply from Dr. Morton Corn to its request for a consolidation of hearings on the Asbestos Manufacturing and Construction Standards. . . . The Inflationary Impact Statement (IIS) being prepared for OSHA by CONRAD Research Corporation has not as yet been accepted by OSHA. When it is approved it will be just 30 days before public hearings are held on the Asbestos Manufacturing Standard. . . . OSHA has contracted with Research Triangle Institute for an IIS on the Asbestos Construction Standard--and a similar study will be made for AIA/NA by Equitable Environmental Health, Inc.

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MS 006741

MT-006146

17. FUTURE MEETING SITES & DATES: Chairman Kuzmuk advised of the Governors' decision to hold future ATI meetings as follows:

1977 Feb 3-4 -- Terrace Garden Inn, Atlanta, Georgia
 1977 Jun 2-3 -- Washington Statler Hilton, Washington, D.C.
 1977 Oct 5-7 -- Ponte Vedra Club, Ponte Vedra Beach, Florida
 1978 Feb 1-2 -- Atlanta, Georgia
 1978 Jun 1-2 -- Washington, D.C.
 1978 Oct 4-6 -- Kiawah Island Inn, Charleston, South Carolina

18. FUTURE TWO-DAY MEETINGS SCHEDULE: In the interest of expediency and meeting flight schedules, the ensuing agenda has been established for ATI's two-day, work-type meetings:

Thursday -- Ad Hoc Committee -- 1:00 p.m. to 3:00 p.m.
 Board of Governors -- 3:00 p.m. to 5:30 p.m.
 Reception -- 6:30 p.m. to 8:00 p.m.
 Friday -- Committee Meetings -- 8:00 a.m. to 11:00 a.m.
 General Meeting -- 11:00 a.m. to 12:30 p.m.
 Adjournment by 12:30 p.m. in most instances.

19. PRESENTATION TO OUTGOING CHAIRMAN & PRESIDENT: Incoming Chairman and President Scanlan performed the pleasant task of awarding an impressive Atmos Clock to Mr. Kuzmuk for his untiring, productive efforts in leading the Institute through some difficult times and on to a progressive future. In his acceptance address, Mr. Kuzmuk expressed what a great pleasure it had been to be involved in ATI activities. Regrettably a change in his duties at Garlock will take him away from the asbestos business and he will no longer be attending ATI functions. Both he and Anne will miss seeing the many friends they have made during the past 8-1/2 years of association with the Institute.

20. ADJOURNMENT: There being no further business to be brought before the membership, it was moved by Mr. Leclerc, seconded by Mr. Stiefken, and so carried, to adjourn the meeting at 11:00 a.m. A Grand Finale Reception and Luncheon followed and officially ended the 1976 Annual Meeting of Asbestos Textile Institute, Inc.

Respectfully Submitted,

Doris M. Fagan

Doris M. Fagan,
 Executive Secretary

Attachment I: Report of Funds at 8/31/76 & Budget for F/Y 1976-77
 Attachment II: Fiber Producers Report
 Attachment III: Technical Committee Report
 Attachment IV: Environmental Committee Report
 Attachment V: Fiber Research & Testing Subcommittee Report

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MS 006742

MT-006147

ASBESTOS TEXTILE INSTITUTE, INC.

Fiscal Year Ending August 31, 1976

Report of Funds

Period: September 1, 1975 thru August 31, 1976

BALANCE ON HAND - September 1, 1975:

Checking Account	\$ 700.48
Savings Account	20,936.45
Petty Cash Account	46.21
	<u>\$ 21,683.14</u>
Less Amount in Litigation Defense Fund	<u>- 13,083.93</u>

TOTAL ON HAND - September 1, 1975 \$ 8,599.21

RECEIPTS:

Booklet Sales	\$ 136.84
Test Manual Sales	1,492.84
Members' Dues	11,250.00
Interest on Savings	758.85
ATI Meeting Expense Reimbursement	112.00
Office Supplies/Repaid by Litigation Defense Fund	99.34
Charged Expense	24.72
	<u>\$ 13,874.59</u>
From Litigation Defense Fund for Shoup Litigation	+ 2,576.68
	<u>\$ 16,451.27</u>
Members' Dues For Next Fiscal Year	+ 1,519.50

TOTAL RECEIPTS + 17,970.77

\$ 26,569.98

DISBURSEMENTS:

Legal--Services.....\$3,845.00)	
Expenses.....\$1,360.78)	\$ 5,205.78
Incorporation Expenses	356.35
Secretary's Gross Wages	2,945.97
Taxes on Wages Paid by ATI, Inc.	235.35
ATI Meeting Expense	2,743.41
Secretary's Travel Expense	495.59
Telephone	591.02
Printing/Office Supplies	1,060.19
Postage--Excluding Test Manual	528.13
Postage--Test Manual	213.60
Rental of Office Space	660.00
Accountant/Caruso/1974-75	300.00
ASTM Dues 1976	25.00
Gifts/Flowers/Plaques	20.53
Booklet Sale Refunds	45.25
Insurance	164.00
	<u>\$ 15,590.17</u>
Shoup Litigation	+ 2,576.68

TOTAL DISBURSEMENTS - 18,166.85

BALANCE ON HAND - August 31, 1976 \$ 8,403.13

more.....

**PRODUCED
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Attachment I/page 1 of 2

MT-006148

MS 006743

Checking Account	\$ 928.75
Savings Account	7,462.72
Petty Cash Account	<u>11.66</u>

TOTAL AVAILABLE FUNDS - August 31, 1976 \$ 8,403.13

ASSETS AS OF August 31, 1976:

Total Funds As Listed Above	\$ 8,403.13
Accounts Receivable -- Test C-2 for Vanderbilt	5.57
Office Expenses/Litigation	107.46
Furniture & Equipment/Nominal Value	<u>1.00</u>

TOTAL ASSETS \$ 8,517.16

LIABILITIES AS OF August 31, 1976:

Accounts Payable -- Accrued Taxes on Wages	\$ 179.26
Members' Dues for Next F/Y	<u>1,519.50</u>

TOTAL LIABILITIES - 1,698.76

ACTUAL NET WORTH AS OF AUGUST 31, 1976 \$ 6,818.40

APPROVED BUDGET FOR FISCAL YEAR ENDING AUGUST 31, 1977:

INCOME:

Members' Dues	\$ 15,250.00
Interest on Savings	1,000.00
Booklet/Magnetite Sales	100.00
Test Manual Sales	<u>600.00</u>
	\$ 16,950.00

EXPENSES:

Legal Services	\$ 4,000.00
Legal Expenses	1,500.00
Incorporation Expenses	70.00
Secretary's Gross Wages	3,300.00
Taxes on Wages Paid by ATI	260.00
ATI Meeting Expense	2,800.00
Secretary's Travel Expense	700.00
Telephone	700.00
Printing/Office Supplies	1,100.00
Postage/Excluding Test Manual	700.00
Postage/Test Manual	100.00
Rental of Office Space	660.00
Accountant/Caruso	200.00
ASTM Dues	25.00
Gifts/Flowers/Plaques	400.00
Insurance	<u>200.00</u>
	\$ 16,715.00
Reserve	<u>235.00</u>
	\$ 16,950.00

MS 006744

Attachment I/page 2 of 2

PRODUCED
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MT-006149

FIBER PRODUCERS REPORT

Presented by Walter H. Smith, Sales and Technical Manager, Bell Asbestos Mines Ltd., at the 1976 Annual General Meeting of the Asbestos Textile Institute, Inc., held at the Savannah Inn and Country Club, Savannah, Georgia, October 8, 1976.

As a matter of interest to both Producers and Manufacturers, we have obtained figures showing the Production and Sales of Group 3 fibers from 1965 to 1976, inclusive. These are total Canadian figures and while we cannot ascertain what tonnages were sold to non-textile manufacturers, it certainly does not constitute a large percentage:

	<u>Sales</u>	<u>Production</u>
1965	30,000	30,000
1966	40,000	33,000
1967	30,000	43,000
1968	47,000	40,000
1969	45,000	38,000
1970	40,000	43,000
1971	34,000	38,000
1972	37,000	41,000
1973	39,000	34,000
1974	45,000	41,000
1975	26,000	22,000
1976	<u>34,000</u>	<u>34,000</u>
	455,000	437,000

The sales average per year of Group 3 fiber for the period 1965 to 1976, inclusive, was 38,000 tons. The average production per year for the same period was 37,000 tons. This 1,000 tons yearly shortage was obtained from the substantial inventories at the beginning of 1965. Present inventories are at a minimum. The highest tonnage sold in a given year was 47,000 in 1968 followed by 45,000 in 1974. The poorest year was 1965 with 30,000 tons followed by 1976 with forecast sales of 34,000 tons and this after a seven-month strike in 1975. The highest production was obtained in 1967 and 1970 with 43,000 tons and the lowest production results were recorded in 1965 and 1976 with 30,000 and 34,000 tons, respectively. The 1976 figure reflects the loss of the King-Beaver Mill and the loss of production at Canadian Johns-Manville Co. Ltd. as a result of the landslide.

You will note that the 1976 forecast of sales is approximately 25% less than 1974 in spite of the seven-month strike in 1975. It is our opinion that the supply will exceed the demand of Group 3 fibers in 1977.

In conclusion, because of increasing sales to certain parts of the world such as Eastern Europe and the Far East, it has been an extremely good year for Group 3 fiber sales despite a noticeable decrease in North American and Western Europe markets.

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PRODUCED Attachment II/page 1 of 2
JM - 83

Fiber Producers Report -- 10/6/76

Sales of Grades 4, 5 and 6 for the asbestos-cement industry will continue to be an extremely short supply as a result of increasingly large demands from the developing countries.

Group 7 fibers, as a result of the decrease in demand for asbestos felt and paper, will probably be in over-supply.

- end -

MS 006746

**PRODUCED
JM - 83**

Attachment II/page 2 of 2

MT-006151

TECHNICAL COMMITTEE REPORT

Presented by Acting Chairman W. Maaskant at the 1976 Annual General Meeting of the Asbestos Textile Institute, Inc., held at the Savannah Inn and Country Club, Savannah, Georgia, October 8, 1976.

IN ATTENDANCE:

Amatex Corporation -- W. Maaskant
 Canadian Johns-Manville Co. Ltd. -- A. R. Morrill
 Nippon Asbestos Co. Ltd. -- K. Mori; S. Shima
 Raybestos-Manhattan, Inc. -- J. W. Hawkins
 Southern Asbestos Company -- J. W. Echerd
 Dr. S. J. Golub -- Chairman, ASTM Committee D-13 on Textiles

1) Briefly discussed the following Standards, all of which have been approved and cleared through ASTM Subcommittee D13.14:

D-315 -- Asbestos Tape, Woven
 D-1571 -- Asbestos Cloth, Woven
 D-628 -- Asbestos Sleeving
 D-1118 -- Magnetic Rating
 D-2100 -- Asbestos Electrical Properties

2) The following two ASTM Standards are on the agenda for discussion at the ASTM Committee D-13 Annual Meeting in New York City, October 19, 1976:

D-1918 -- Asbestos Content. A negative vote was received from Mr. Thomas Bainbridge
 D-2100 -- Asbestos Electrical Properties. Some minor editorial details have to be cleared away.

3) As reported at the Committee's meeting held June 3-4, 1976, ASTM Standard D-299 contained an inaccuracy and it was, therefore, decided to add a Footnote to Paragraph 10.1.1. The Footnote is to read: "Note 7--Equation 1 as outlined in 10.1.1 can be used also to determine the yards per pound (yield) for any type of yarn -- Classes A through E." The question also arose as to where is Note 5.

4) The discussion on MIL-I-15349 will be continued between Southern Asbestos Company and Raybestos-Manhattan, Inc., and will be dropped from the agenda of the ATI Technical Committee. No further action is required or anticipated by ATI.

5) Dr. Samuel J. Golub indicated the importance of the ASTM D13.14/ATI Technical Committee to issue a technical paper. These STPD papers are introduced at a special seminar and later made available through ASTM.

MS 006747

more.....

Attachment III/page I of 2

**PRODUCED
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MT-006152

Technical Committee Report -- 10/8/76

6) ATI Handbook of Asbestos Textiles, 3rd Edition: The Handbook was analyzed and two observations were made. First, all ASTM Standards listed are now outdated. Secondly, it was suggested that mention should be made of the new method of making asbestos textiles from extruded yarns.

7) All ATI Technical Committee members will make an attempt to meet October 19, 1976, at the Belmont Hotel in New York City for the annual ASTM D13 Committee meeting.

- end -

MS 006748

**PRODUCED
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Attachment III/page 2 of 2

MT-006153

ENVIRONMENTAL COMMITTEE REPORT

Presented by Acting Chairman D. E. Childers at the 1976 Annual General Meeting of the Asbestos Textile Institute, Inc., held at the Savannah Inn and Country Club, Savannah, Georgia, October 8, 1976.

1) The meeting of the Environmental Committee commenced with a presentation by Dr. S. Golub of Fiber Research Laboratories concerning some research undertaken at FRL into a method for determining the amount of asbestos fibers in the workroom atmosphere. He proposes to use the standard Membrane Filter sampling method, although his method would differ greatly in preparation of samples prior to counting. Dr. Golub proposes to stain the sample with a dye that has an affinity for only asbestos fiber. The method would make a greater differentiation between the asbestos and the background materials. Judging from the possible errors with the present counting method, it appears the proposed research might be of real value. The Committee felt it should present the proposal to the Asbestos Information Association North America in an attempt to gain more participation. The proposal was given to I. H. Weaver for possible presentation to AIA/NA.

2) One company reported no success in reducing dust counts when using an electronic apparatus for charging airborne particles. Another firm reported continued success when the equipment is used in a more controlled workroom area.

3) The Committee again expressed concern that when taking dust counts an inspector could possibly make a judgment as to time-weighted average on the basis of only a few samplings. It was the Committee's contention that numerous samplings are necessary to obtain a realistic time-weighted average.

4) Considerable time was spent in discussing the most effective method of clean-up. Most companies are vacuuming wherever possible. Several companies are continuing to obtain better results when spraying equipment with guardian spray prior to vacuuming.

5) The Committee was attended by 16 members and one guest, as follows:

Anatex Corporation -- J. L. Rainey; H. E. Walter
 Canadian Johns-Manville Co. Ltd. -- H. H. Hay
 Cassiar Asbestos Corporation Ltd. -- P. Steen
 Garlock of Canada Ltd. -- R. B. Pilmer
 Lake Asbestos of Quebec Ltd. -- E. A. Farrell
 Nippon Asbestos Co. Ltd. -- S. Shima
 Raybestos-Manhattan, Inc. -- G. Ferrucci; R. M. Gordon; C. A. Kennedy; W. Krucke; R. O. Moebius; M. Q. Scowcroft
 Southern Asbestos Company -- E. C. Dratt; D. E. Childers
 TBA Industrial Products Ltd. -- H. J. Corson, Jr.
 Dr. S. Golub -- Fiber Research Laboratories

MS 006749

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 JM 83

Attachment IV

MT-006154

FIBER RESEARCH AND TESTING SUBCOMMITTEE REPORT

Presented by Chairman R. A. Kuntze at the 1976 Annual General Meeting of the Asbestos Textile Institute, Inc., held at the Savannah Inn and Country Club, Savannah, Georgia, October 8, 1976

- 1) The Fiber Research and Testing Subcommittee of the ATI met October 7, 1976, at 9:00 a.m. with eight members and visitors present.
- 2) The round-robin program on the dust count method, which is in progress at the present time was discussed at some length. It was pointed out that a study on the coefficient of variation had been made and that a figure of 20-25% is used for determination of non-compliance. It was decided, therefore, to establish the coefficient of variation for a number of laboratories that carry out this test routinely. The purpose of the program is to establish the extent to which the 20-25% figure is realistic. The results of the on-going round-robin program are expected to be available shortly, even though some criticism can be expected because of the age of the samples used.
- 3) Mr. J. P. Wronski described a method of determining length distribution of spinning fiber which he developed some time ago. The method is perhaps best described as a modification and simplification of the Suter-Webb comb which appears to be falling into disuse. It was decided to evaluate this method in several laboratories and report at the next meeting.
 In this connection, the problem of wet classification, i.e., the Bauer-McNett and T&N Classifiers were discussed. It was pointed out that the T&N Classifier is used for spinning fiber using a 1/4" perforated plate in the top vessel. The committee decided to keep this development in mind but otherwise take no action at this time.
- 4) It was mentioned that several automatic or semi-automatic instruments for dust counting or measuring are available. These instruments are generally non-specific, that is, any kinds of particles are detected. A survey in progress at the present time seems to indicate that the Climet apparatus developed by Dow Chemical Company has a good correlation between dust readings and actual dust counts. A more comprehensive report is expected shortly.
- 5) As on previous occasions, the Committee would like to express again its concern over the absence of consumers from the membership of the Committee. This results in a lack of technical input. It is felt that this situation should be improved.

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JM - 83

Attachment V

MS 006750

MT-006155

ASBESTOS TEXTILE INSTITUTE

1976 ANNUAL MEETING

October 8, 1976

Savannah Inn and Country Club, Savannah, Georgia

LIST OF DELEGATES

AMATEX CORPORATION

W. Maashant
M. J. Scanlan
J. L. Rainey
H. H. Walter

GARLOCK INC.

P. S. Hanke, Esq.
A. Kuzmuk
R. B. Pilmer (Garlock
of Canada Ltd.)

RAYBESTOS-MANHATTAN, INC.

M. N. Brooks
P. G. Dolan
G. Ferrucci
R. M. Gordon
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. C. Moebius
M. Q. Scowcroft
J. P. Wronski

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echerd

ASBESTOS CORPORATION LTD.

G. F. A. Brink
H. Devriese
P. E. Leclerc

BELL ASBESTOS MINES LTD.

W. H. Smith

CANADIAN JOHNS-MANVILLE CO. LTD.

H. M. Hay
A. R. Morrill

CASSIAR ASBESTOS CORPORATION LTD.

N. Gritzuk
R. A. Kuntze (ORF)
P. Steen

LAKE ASBESTOS OF QUEBEC LTD.

E. A. Farrell
C. E. Stieffen (ASARCO)

NIPPON ASBESTOS CO. LTD.

K. Mori
S. Shima

TEA INDUSTRIAL PRODUCTS LTD.

H. J. Corson

FRL/AN ALBANY INTERNATIONAL CO.

S. Golub

ASBESTOS TEXTILE INSTITUTE

J. D. Officer, Esq.,
Legal Counsel
Cadwalader, Wickersham & Taft
D. M. Fagan, Executive Secretary

Total attendance during the three-day 1976 Annual Meeting was 57 people: 34 members, 20 spouses, 1 guest, 1 legal counsel and 1 secretary; representative of 11 member companies, FRL and ATI,

more.....

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JM - 83

MT-006156

MS 006751

MINUTES

1. CALL TO ORDER: The 1976 Annual General Meeting of the Asbestos Textile Institute was called to order by President Kuzmuk at 9:00 a.m., October 8, 1976, at the Savannah Inn and Country Club, Savannah, Georgia.

2. READING OF MINUTES: Upon the calling for a reading of the Minutes of the last stated meeting, it was moved by Mr. Scanlan, seconded by Mr. Bratt, and unanimously approved, to dispense with the reading thereof.

3. FINANCIAL REPORT: Treasurer Scanlan presented the Financial Report of the Litigation Defense Fund as of August 31, 1976. After receipts, expenditures and liabilities, the actual net worth of the Fund at the end of the Fiscal Year was \$3,735.80. The financial records were audited by Dreslin and Company, Certified Public Accountants, and were found to be in order. The Treasurer's Report is appended hereto as Attachment I.

4. SPECIAL ASSESSMENT #3: President Kuzmuk advised the members that the Ad Hoc Committee had recommended to the Board of Governors that a third Special Assessment was in order for the Litigation Defense Fund to cover anticipated near-future costs of the Tyler Litigation. After due consideration, however, the Board decided there should be sufficient money in the Fund for the time being and that the matter would be reviewed again at the next meeting in February 1977.

5. COMPANY LIABILITY: President Kuzmuk reported that Cadwalader, Wickersham & Taft will prepare a memorandum dealing with the extent of liability of member companies in the Tyler Litigation or in any future lawsuits in which ATI is named as a defendant.

6. TYLER LITIGATION: Attorney Officer reported that nothing much has happened in the Tyler Litigation insofar as ATI is concerned. The judge still has not ruled on ATI's motion for dismissal issued about two years ago and Cadwalader, Wickersham & Taft is about to make another attempt to have the Institute dismissed from the lawsuits.

7. MULTIDISTRICT LITIGATION: Upon noting a large number of pending lawsuits involving claims of personal injuries resulting from exposure to asbestos, the Judicial Panel on Multidistrict Litigation issued a show-cause order listing 40-50 cases (including the Tyler Litigation) and calling for a response by September 1, 1976, as to why the cases should not be consolidated for pretrial proceedings. The responses were overwhelmingly opposed to consolidation of the cases. The Panel decided to take no action at the time and the

more.....

PRODUCED
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MS 006752

MT-006157

Page 3 - ATI 1976 Annual Meeting - 10/8/76

scheduled hearing was suspended until further notice. It is quite possible, however, that a similar attempt toward consolidation will be made again in the near future.

8. ADJOURNMENT: There being no further business to be brought before the general membership, a motion to adjourn at 9:15 a.m. was made by Mr. Leclerc, seconded by Mr. Stiefen, and so carried.

Respectfully submitted,

Doris M. Fagan

Doris M. Fagan,
Executive Secretary

Attachment I: Litigation Defense Fund as of 8/31/76

MS 006753

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JM - 83

MT-006158

ASBESTOS TEXTILE INSTITUTE
LITIGATION DEFENSE FUND

FISCAL YEAR TO AUGUST 31, 1977

ESTABLISHED: APRIL 1, 1974

REPORT OF FUNDS FOR PERIOD: SEPTEMBER 1, 1976 THRU DECEMBER 31, 1976

CASH BALANCE ON HAND - SEPTEMBER 1, 1976 \$ 3,843.26

RECEIPTS:

9 /30/76 - Interest On Savings \$ 16.92
12/31/76 - Interest On Savings 33.21

TOTAL RECEIPTS + 50.13

\$ 3,893.39

DISBURSEMENTS:

10/19/76 - ATI Inc. for Office Expenses \$ 107.46

11/24/76 - Cadwalader, Wickersham & Taft/Tyler
Litigation/3rd Quarter 1976 1,668.51

11/24/76 - Cadwalader, Wickersham & Taft/
Multidistrict Litigation 135.00

12/31/76 - ATI Inc. for Office Expenses 78.33

TOTAL DISBURSEMENTS - 1,989.30*

CASH BALANCE ON HAND - DECEMBER 31, 1976 \$ 1,904.09**

LIABILITIES

ACTUAL NET WORTH - DECEMBER 31, 1976 \$ 1,904.09

*Disbursements Breakdown:

Telephone \$ 50.45
Photocopies 43.85
Postage 57.04
Stationery 34.45
\$ 185.79
Tyler Litigation 1,668.51
Multidistrict Litigation 135.00
\$1,989.30

** Checking Account Balance. . . \$ 99.74
Savings Account Balance . . . 1,804.35
\$1,904.09

MS 006754

Attachment I

SUBJECT TO AUDIT

MT-006159

ASBESTOS TEXTILE INSTITUTE, INC.

FOUNDED 1944



8-PAGE REPORT OF FUNDS
9/1/75 THRU 4/30/76

PREPARED AS OF 4/30/76 BY:

Doris M. Fagan
Doris M. Fagan, Assistant Treasurer

APPROVED

BY:

Michael J. Scanlan
Michael J. Scanlan, ATI Treasurer

SUBJECT TO AUDIT AT END OF
FISCAL YEAR 1975-76

MS 006755

Attachment I/page 1 of 8

MT-006160

ASBESTOS TEXTILE INSTITUTE, INC.
Report of Funds

Fiscal Year ending August 31, 1976
Period: September 1, 1975, thru April 30, 1976

BALANCE ON HAND - September 1, 1975:

Checking Account	\$	700.48	
Savings Account		20,936.45	
Petty Cash Account		46.21	
		\$ 21,683.14	
Less Litigation Defense Fund		- 13,083.93	
TOTAL ON HAND - September 1, 1975			\$ 8,599.21

RECEIPTS:

Booklet Sales	\$	99.52	
Test Manual Sales		1,173.85	
Members' Dues		11,250.00	
Interest on Savings		550.60	
ATI Meeting Expense Reimbursement		112.00	
Office Supplies/Repaid by Litigation Defense Fund		38.01	
Charged Expense		24.72	
TOTAL RECEIPTS			+ 13,248.70
			\$ 21,847.91

DISBURSEMENTS:

Legal Services & Expenses	\$	2,835.08	
Incorporation Expenses		356.35	
Secretary's Gross Wages		2,020.98	
Taxes on Wages Paid by ATI, Inc.		176.48	
ATI Meeting Expense		2,292.41	
Secretary's Travel Expense		410.64	
Telephone		462.73	
Printing/Office Supplies		733.22	
Postage		360.05	
Postage--Test Manual		164.87	
Rental of Office Space		495.00	
Accountant/Caruso/1974-75		300.00	
ASTM Dues		25.00	
Gifts/Flowers/Plaques		20.00	
Booklet Sale Refunds		42.25	
TOTAL DISBURSEMENTS			- 10,695.06

BALANCE ON HAND - April 30, 1976			\$ 11,152.85
---	--	--	---------------------

BALANCE ON HAND - April 30, 1976:

Checking Account	\$	406.59	
Savings Account		10,734.97	
Petty Cash Account		11.29	
TOTAL AVAILABLE FUNDS - April 30, 1976			\$ 11,152.85

ASSETS AS OF April 30, 1976:

Total Funds As Listed Above	\$	11,152.85	
Accounts Receivable -- Members' Dues		375.00	
Office Expenses/Litigation		61.33	
Furniture & Equipment/Nominal Value		1.00	

MS 006756

MT-006161

Continued.....

Attachment I/page 2 of 8

TOTAL ASSETS	\$ 11,590.18
LIABILITIES AS OF April 30, 1976:	
Accounts Payable -- Accrued Taxes	\$ 94.62
Insurance Premiums	164.00
TOTAL LIABILITIES	- 258.62
TOTAL NET WORTH AS OF APRIL 30, 1976	\$ 11,331.56

EXPENSES AGAINST BUDGET

INCOME:

	<u>Budgeted</u> <u>F/Y 1975-76</u>	<u>Received To</u> <u>4/30/76</u>
Members' Dues	\$ 13,125.00	\$ 11,250.00
Interest on Savings	1,000.00	550.60
Booklet/Magnetite Sample Sales	100.00	57.27
Test Manual Sales	500.00	1,173.85
	<u>\$ 14,725.00</u>	<u>\$ 13,031.72</u>

DISBURSEMENTS:

	<u>Budgeted</u> <u>F/Y 1975/76</u>	<u>Expended To</u> <u>4/30/76</u>
Legal Services/Expenses	\$ 4,800.00	\$ 2,835.08
Incorporation	..	356.35
Secretary's Gross Wages	3,000.00	2,020.98
Taxes on Wages Paid by ATI, Inc.	175.00	176.48
ATI Meeting Expense	1,000.00	2,180.41
Secretary's Travel Expense	600.00	410.64
Telephone	500.00	462.73
Printing/Office Supplies	850.00	670.49
Postage	600.00	360.05
Postage -- Test Manual	..	164.87
Rental of Office Space	660.00	495.00
Accountant/Caruso/1974-75	300.00	300.00
ASTM Dues	25.00	25.00
Gifts/Flowers/Plaques	300.00	20.00
Insurance	160.00	..

MT-006162

*\$ 12,970.00 *\$ 10,478.08

Income to 4/30/76: \$13,031.72
 Expended 4/30/76: -10,478.08
\$ 2,553.64

MS 006757

Attachment I/page 3 of 8

CHRYSTILE ASBESTOS TEST MANUAL, 3RD EDITION

Total Picture from Availability/October 1974

RECEIPTS AS OF SEPTEMBER 1, 1975

\$ 21,536.78

Receipts - September thru December 1975	\$ 748.90
January 1976	98.75
February 1976	96.75
March 1976	169.60
April 1976	<u>59.85</u>

TOTAL RECEIPTS - 9/1/75 thru 4/30/76 + 1,173.85

TOTAL RECEIPTS TO DATE \$ 22,710.63

DISBURSEMENTS AS OF SEPTEMBER 1, 1975 \$ 22,609.53

Disbursements/Postage & Related Costs --

9/1/75 thru 12/31/75	80.04
1/1/76 thru 4/30/76	<u>84.83</u>

TOTAL DISBURSEMENTS TO DATE - 22,774.40

NET LOSS AS OF APRIL 30, 1976 \$ 63.77*

*Loss incurred 9/1/74 thru 8/31/75	\$ 1,072.75
Loss incurred 9/1/75 thru 4/30/76	- 63.77
Loss decrease since 8/31/75	<u>\$ 1,008.98</u>

Overrun/approximate	136
Additional received from printer +	<u>34</u>
Available for sale	170
Sold thru 4/30/76 -	<u>114</u>
Balance on Hand for Sale/approximate	<u>56</u>

MS 006758

Attachment I/page 4 of 8

MT-006163

DISBURSEMENTS VOUCHER

<u>Check #</u>	<u>Date</u>	<u>Amount</u>	<u>Payable To</u>	<u>For</u>
125	1/ 7/76	\$ 16.16	ASBESTOS Magazine	Postage - 12/75
126	1/ 8/76	50.00	Cash	Petty Cash Account
127	1/ 9/76	44.37	American Express	Transportation-11/75 mtg
128	1/19/76	251.61	First Pa. Bank	FICA/Inc Taxes/4thQtr75
129	1/19/76	15.25	Pa Unem Comp Fund	Unem Tax - 4th Qtr 1975
130	1/19/76	5.00	Internal Revenue	Fed Unem Tax - 9-12/1975
131	1/19/76	17.25	Pa Dept Revenue	Pa Inc Tax-4th Qtr 1975
132	1/19/76	7.00	Internal Revenue	Fed Unem Tax - 1-8/1975
133	1/20/76	50.00	Cash	Petty Cash Account
134	1/27/76	10.18	Kwick Pring	2/76 Meeting Notices
135	1/27/76	6.89	Sir Speedy	Rubber Stamp
136	1/27/76	29.06	Bell of Pa.	Telephone - Dec 1975
137	1/27/76	165.00	ASBESTOS Magazine	Office Rent/1st Qtr 76
138	1/28/76	25.00	ASTM	1976 Annual Dues
139	1/30/76	175.00	Doris M. Fagan	Net Wages - Jan 1976
140	2/ 2/76	57.30	ASBESTOS Magazine	Postage -- Jan 1976
141	2/13/76	65.20	Doris M. Fagan	Expenses - 2/76 meeting
142	2/13/75	50.00	Cash	Petty Cash Account
143	2/16/76	108.56	Bell of Pa.	Telephone - Jan 1976
144	2/23/76	1,681.07	Cadwalader, W&T	Legal Exp - 4th Qtr 75
145	2/24/76	243.31	Sheraton/Arlington	2/76 ATI Meeting
146	2/27/76	175.00	Doris M. Fagan	Net Wages - Feb 1976
147	3/17/76	20.00	Heineman Heart Found.	Memorium/L. E. Moody
148	3/17/76	39.40	Bell of Pa.	Telephone - Feb 1976

more.....

MS 006759

MT-006164

Attachment I/page 5 of 8

Disbursements Voucher/Continued

Check #	Date	Amount	Payable To	For
149	3/22/76	\$ 31.49	ASBESTOS Magazine	Repro's - Feb 1976
150	3/30/76	53.79	Postmaster	Postage-2/76 minutes
151	3/31/76	50.00	Cash	Petty Cash Account
152	3/31/76	175.00	Doris M. Fagan	Net Wages - Mar 1976
153	3/31/76	34.90	Moore's Hauling	Customs/Manual Binders
154	3/31/76	5.30	Kwick Print	12/31/75 Report of Funds
155	4/ 7/76	17.26	Postmaster	Postage/ATI Position Paper
156	4/14/76	65.73	American Express	Airfare - 2/76 meeting
157	4/15/76	17.25	Pa Dept Revenue	Pa Inc Tax - 1st Qtr 1976
158	4/15/76	251.61	First Pa. Bank	FICA/Inc Taxes/1stQtr1976
159	4/15/76	15.00	Pa Unem Comp Fund	Unem Tax - 1st Qtr 1976
160	4/15/76	51.06	Bell of Pa.	Telephone - March 1976
161	4/23/76	6.89	Sir Speedy	Rubber Stamp
162	4/30/76	175.00	Doris M. Fagan	Net Wages - Apr 1976
163	4/30/76	413.98	ASBESTOS Magazine	Office Exp 2-4/76: \$248.98 Rent/2nd Qtr 1976: \$165.00

Expended 1/1-4 /30/76:\$ 4,671.87
 Expended 9/1-12/31/75:+ 5,963.96
 Check Supply 12/17/75:+ 19.75
 Bank Svc Chg 4 /30/76:+ 2.16
 \$ 10,657.74
 Petty Cash to 4/30/76:+ 437.32
 \$ 11,095.06

*Less Checks Drawn
 for Petty Cash :- 400.00
 \$ 10,695.06

*9/1/75 thru 12/31/75:\$ 200.00
 1/8/76 - Check # 126: 50.00
 1/20/76 - Check # 133: 50.00
 2/13/76 - Check # 142: 50.00
 3/31/76 - Check # 151: 50.00
 \$ 400.00

Withdrawals from Savings Account
 for Transfer to Checking Account:

9/1/75 thru 12/31/75 \$ 6,000.00
 2/17/76. 2,000.00
 4/ 2/76. 1,000.00
 Total 9/1/75 thru 4/30/76. . \$ 9,000.00

MT-006165

MS 006760

DISBURSEMENTS FROM PETTY CASH ACCOUNT

BALANCE JANUARY 1, 1976	.33
RECEIPTS: Cash Deposit via Check #126 1/ 8/76.	\$ 50.00
Cash Deposit via Check #133 1/20/76.	<u>50.00</u>
TOTAL RECEIPTS	<u>+100.00</u>
	\$100.33

EXPENDITURES

<u>030</u> -- Subscription to ASBESTOS for Lake Asbestos	\$ 5.00	
<u>031</u> -- Mailing Test Manual to James Hardie, Sydney, Australia	4.75	
<u>032</u> -- Factbook from ASBESTOS for Parr Inc., Cleveland, Ohio.	1.00	
<u>033</u> -- Mailing Test Manual to Parr Inc., Cleveland, Ohio .75)		
Mailing Test Manual to Dow Chemical, Houston, Texas .75)	1.50	
<u>034</u> -- Mailing Test Manuals to Turners, Jacobs, Natal 4.75)		
Mailing Test Manual to Cellulo, Sandusky, Ohio .75)	5.50	
<u>035</u> -- Tapes for tape recorder	21.00	
<u>036</u> -- Repro's for the Corporation (all general)	51.36	
<u>037</u> -- Repro's re Litigation	<u>2.51</u>	
TOTAL EXPENDITURES - JANUARY 1976	- 92.62	
BALANCE JANUARY 31, 1976	\$ 7.71	
RECEIPTS: Cash Deposit via Check #142 2/13/76	<u>+ 50.00</u>	
	\$ 57.71	

EXPENDITURES

<u>038</u> -- Mailing Test Manual to Soil Testing, Illinois	\$.75	MS 006761
<u>039</u> -- Repro's re Membership Criteria Memo	7.64	
<u>040</u> -- Mailing Test Manual to U.S. Bureau of Mines, Maryland.	.75	MT-006166
<u>041</u> -- Mailing Test Manuals to Kilborn, Toronto, Ontario	<u>9.25</u>	
TOTAL EXPENDITURES - FEBRUARY 1976	- 13.39	
BALANCE FEBRUARY 29, 1976	\$ 39.32	

DISBURSEMENTS FROM PETTY CASH ACCOUNT

BALANCE MARCH 1, 1976 \$ 39.32

RECEIPTS: Cash Deposit via Check #151 3/31/76 + 50.00

\$ 89.32

EXPENDITURES

#042 -- Factbook from ASBESTOS for Toschi Iberica, Spain. . . \$ 1.00

#043 -- Mailing Test Manual to Toschi Iberica, Spain. 2.86

#044 -- Mailing Test Manual to Cement Research Inst., India . . 4.75

#045 -- Mailing Test Manual to McGill University, Montreal. . . 1.44

#046 -- Factbook from ASBESTOS for Cape Universal, England. . . 1.00

#047 -- Mailing Test Manuals to Cape Univ & Cape Asb Fibres. . . 11.78

#048 -- Subscription & FB from ASB for Carborundum, NY. 5.00

#049 -- Repro's/Board Memo re AIA/NA Industry Response/OSHA . . .64

#050 -- Clerical Help/February 1976 Minutes 20.00

TOTAL EXPENDITURES - MARCH 1976 \$ 48.47

BALANCE MARCH 31, 1976 \$ 40.85

EXPENDITURES

#051 -- Mailing Test Manual to Carborundum, Niagara Falls NY . \$.75

#052 -- Book from ASBESTOS for Asahiya Shoten, Osaka, Japan . . 20.00

#053 -- Mailing Test Manuals to PPG, Pittsburgh, Pa.,
and to Asahiya Shoten, Osaka, Japan. 5.85

MS 006762

#054 -- Repro's/Dr. Weill's medical rept to H.J. Corson. 2.96

TOTAL EXPENDITURES - APRIL 1976 - 29.56

BALANCE APRIL 30, 1976 \$ 11.29

Expended 9/1/75 thru 12/31/75: \$ 248.28

1/1/76 thru 4/30/76: 189.04Total 9/1/75 thru 4/30/76: \$ 437.32

MT-006167

ASBESTOS TEXTILE INSTITUTE, INC.

POSITION PAPER

4/6/76

MS 006763

**PRODUCED
JM - 83**

MT-006168

ASBESTOS TEXTILE INSTITUTE, INC. **ATI-139**

FOUNDED 1944



April 6, 1976

Docket Officer, Docket H-033
U.S. Department of Labor
Room N-3620
3rd and Constitution Avenue, N.W.
Washington, D.C. 20210

RE: COMMENTS OF THE ASBESTOS TEXTILE INSTITUTE, INC., ON THE PRO-
POSAL BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, UNITED
STATES DEPARTMENT OF LABOR, TO REVISE THE STANDARD ON "OCCUPATIONAL
EXPOSURE TO ASBESTOS" -- 26 CFR, PART 1910, SUBPARAGRAPH 1910.1001;
FEDERAL REGISTER, VOL. 40, NO. 197, OCTOBER 9, 1975.

Dear Sir:

The ensuing statement constitutes the comments of and the
position taken by the Asbestos Textile Institute, Inc., to specific
revisions to the above-referenced "Occupational Exposure To Asbes-
tos" Standard, especially as it relates to the asbestos textile
manufacturing segment of the Asbestos Industry in the United States.

RISK MINIMIZATION

MT-006169

Prior to issuing comments to specific sections of the proposed
revision, the Asbestos Textile Institute, Inc., wishes to affirm
that it totally recognizes and firmly believes that all precautions

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JM - 83

should be exercised to preserve life, wherever and whenever possible. This Institute is committed to the belief that employers have a moral obligation to their employees to see that working conditions are as safe and as comfortable as proven technologies will allow. However it must be realized there will be a residual, unavoidable risk -- at work, at home and when at leisure. This fact is being recognized today in the United Kingdom, as promulgated in that Nation's Asbestos Regulations of 1969.

Over the years asbestos-containing products have been known specifically as safety products -- and rightly so. The number of diseases contracted and lives lost because of exposure to asbestos fibers during product manufacture is far less than the number of lives which have been saved or the number of personal injuries which have been prevented due to the use of asbestos-containing products. Product examples, to name a few, are firefighting suits, automotive brake linings, theater curtains and industrial heat protective clothing.

SPECIFIC SECTIONS OF THE PROPOSAL

Background Material

MS 006765

It is felt the Background Material is too vague and general to be considered soundly supportive of the need for a limitation of 0.5 fiber per cubic centimeter of air and a ceiling concentration limit of 5 fibers per cubic centimeter.

more.....

PRODUCED
JM - 83

MT-006170

New Evidence

Some of the New Evidence places the hazard factor on the smoking of cigarettes and not especially on exposure to asbestos. To quote directly from Section II--Toxicological Considerations of Exposure To Asbestos, Sub-Section C--The New Evidence, paragraph (2)(a), second sub-paragraph, page 47655: ". . . . non-smoking asbestos workers had few lung cancers while those who smoked had much more lung cancer than would have been expected had they not been asbestos workers."

Based on Past Conditions

We maintain that the findings cited as the reasons why OSHA proposed its revisions to the Asbestos Standard are based on work conditions as they existed 35 or more years ago. Today's plants are cleaner and safer, new engineering techniques have been implemented, and effective protective clothing and apparatus are now being used -- all of which have improved working conditions and certainly make for a brighter future insofar as employees' health and safety are concerned. We feel that insufficient consideration is being given to current, improved working conditions.

We would add that work is continuing toward developing more effective methods to reduce the hazard factor -- striving for the development of technologies that will completely eliminate any hazard to the safety and health of all employees -- and still permit industry and the Nation to enjoy a healthy economic climate.

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MS 006766

MT-006171

Method of Measurement

Although we are not opposed to using the membrane filter method, we would point out there is significant observer error when taking a reading of a membrane filter sample, as well as variance between observers of the same sample. The reading error multiplies as fiber count levels approach zero. We suggest that OSHA permit other bonafide analytical techniques in addition to the membrane filter method. It is also suggested that OSHA recognize the limitations of the membrane filter method by specifying a plus and minus tolerance. We recommend +30%.

The Technological Feasibility Approach

It seems to us the proposed limitations are not based on scientifically-established, dose-response relationships and, therefore, the approach should be one of reaching the lowest levels that are technologically feasible.

It is our contention that the 0.5 f/cc is not now technically feasible, because: (1) an accurate, reliable method of measurement has not, as yet, been found; and (2) because in some sectors of the asbestos industry, such as in certain phases of operation in asbestos textile manufacture, the 0.5 f/cc is unattainable with today's available technology. This is not to say that, some day, solutions will not be found. Work continues and we are confident that eventually techniques will be developed and will become available that will control occupational health hazards.

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Attaining Exposure Levels

The asbestos textile industry cannot, under existing available technologies, control asbestos dust levels at 0.5 fiber/cc in all of its phases of production. This is partly due to the basic processing techniques which must be followed and still produce asbestos textile products as we know them today. In certain processes of textile manufacture the fibers are used in a dry state. Although some of these processes cannot be totally enclosed at all times (See Attachment I), fiber emissions are controlled by the best engineering techniques available.

LONG-TERM TIME FRAME

The asbestos textile industry desires to do all it can toward reducing and eliminating any health hazard to its workers. However, an extended time period would be necessary for asbestos textile producers to develop new and more effective engineering technologies toward reducing dust levels.

ARE THE LOW EXPOSURE LIMITS REALLY NECESSARY?

MS 006768

This Institute believes there is medical, scientific evidence which tends to support the position that the "2 fibers/cc" exposure level does present a safe level. We urge that the evidence be fully studied before reaching a final determination to reduce the exposure level to 0.5 fiber/cc.

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MT-006173

ECONOMIC IMPACT

One might suggest that workers could be kept from getting any exposure to asbestos fibers if all work areas at asbestos textile operations were completely enclosed, if the most effective dust control methods and exhaust systems were utilized, and if the usual rules of good housekeeping were followed. It might also be suggested that all U.S. asbestos textile producers convert to the "wet process" of manufacture, thereby reducing exposure levels. Our answer to both suggestions would be in the form of the ensuing question: Could we, particularly in the face of low-cost foreign competition, afford to follow either of these procedures in its entirety? We say we could not in the short term. A comprehensive study would have to be made toward establishing a realistic long-term time frame -- taking into account both technological and economic capabilities.

Converting to the "wet process" would entail a complete renovation at all places of operation. All existing yarn-forming equipment would have to be scrapped and all new equipment installed. But the expense would not end there. Since conventional asbestos textile products would no longer be available, many customers and fabricators would have to develop new techniques to accommodate the physical and chemical differences of products made from wet-formed yarn.

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MT-006174

We cannot stress enough the financial impact that would be felt in simply trying to comply with the 0.5 fiber/cc and the 5-fibers/cc ceiling concentration limits. Added to this would be the expenses that would be incurred to meet several of the other proposed revisions. For instance, it would cost some of the larger asbestos textile manufacturers close to \$200,000 just to meet the proposed regulation that would require the installation of shower facilities. Coupled with this would be maintenance costs plus the continuing wage cost per employee for the non-production time that, in order to comply with the standard, would have to be allowed each worker to take the required shower.

Endeavoring to meet the proposed limitations could spell financial disaster for many of the smaller asbestos textile manufacturers and fabricators. Looking at this picture, in toto, one can easily foresee, for the industry and for the communities in which it has operations, a negative economic impact and a large increase in unemployment.

At the national level, a product price increase sufficient to absorb expenses to meet the proposed regulations would not permit the asbestos textile industry in the United States to compete in the international market. The volume of asbestos textile products imported into this Country would continue to increase simply because the foreign-made products would be far less expensive than

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MS 006770

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MT-006175

the same U.S.-made products. Asbestos textile imports in 1972 were 5% of reported domestic usage. In 1975 they are estimated at 35%. We point out the danger that the United States may become totally dependent on other countries to meet its domestic asbestos textile requirements.

SUBSTITUTES FOR ASBESTOS TEXTILES

There are other high-temperature textiles available but to date none of them have proven to be a totally suitable substitute for asbestos-containing textiles. For example: Glass fiber textiles do not have good insulating properties. Safety clothing made of high temperature synthetics offer good heat resistance but cannot withstand temperatures as high as that made from asbestos-containing textiles. Since asbestos textiles are the only currently-available materials suited for certain applications, this Nation cannot afford to become dependent upon imports as its sole source of supply.

HOW ASBESTOS FIBERS BECOME AIRBORNE

Attached is a complete definition of the manner in which asbestos fibers become airborne at each step in the various processes of asbestos textile manufacture. The data indicate the specific problems of the asbestos textile manufacturer in meeting existing, forthcoming and proposed levels of exposure to airborne asbestos fiber.

MS 006771

Respectfully submitted,
ASBESTOS TEXTILE INSTITUTE, INC.



A. Kuzmuk, Chairman of the Board
of Governors & President

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MT-006176

ASBESTOS TEXTILE INSTITUTE, INC.

MINUTES -- GENERAL MEETING

June 4, 1976

MS 006772

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MT-006177

ASBESTOS TEXTILE INSTITUTE, INC.

1976 SPRING MEETING

June 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

LIST OF DELEGATES

AMATEX CORPORATION

W. Maaskant
J. L. Rainey
M. J. Scanlan
H. H. Walter

GARLOCK INC.

S. G. Dixit
A. Kuzmuk
R. B. Pilmer (Garlock
of Canada Ltd.)

RAYBESTOS-MANHATTAN, INC.

C. D. Colson
P. G. Dolan
J. W. Hawkins
C. A. Kennedy
W. Krucke
R. O. Moebius
M. Q. Scowcroft

SOUTHERN ASBESTOS COMPANY

E. C. Bratt
D. E. Childers
J. W. Echard

ASBESTOS TEXTIL, S.A.

D. B. Barois

BELL ASBESTOS MINES LTD.

W. H. Smith

CANADIAN JOHNS-MANVILLE CO. LTD.

H. M. Fay
D. H. Markussen, Esq. (J-M)
A. R. Morrill

CASSIAR ASBESTOS CORPORATION LTD.

R. A. Kuntze (ORF)

LAKE ASBESTOS OF QUEBEC LTD.

E. A. Farrell
R. J. Muth, Esq. (Asarco)
C. E. Stiefken (Asarco)

NIPPON ASBESTOS CO. LTD.

S. Shima

MS 006773

TBA INDUSTRIAL PRODUCTS LTD.

H. J. Corson

ASBESTOS INFORMATION ASSOCIATION/NA

R. H. Marenness, Exec. Director

ASBESTOS TEXTILE INSTITUTE

W. B. Alcorn, Jr., Esq.,
ATI Legal Counsel
(Cadwalader, Wickersham & Taft)

D. M. Fagan, ATI Exec. Secretary

Total attendance during the two-day 1976 Spring General Meeting was 31 people: 20 members, 1 guest, 1 legal counsel and 1 secretary; representative of 11 member companies, AIA/NA and ATI.

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MT-006178

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M I N U T E S

1. CALL TO ORDER: The 1976 Spring General Meeting of Asbestos Textile Institute, Inc., was called to order by President Alex. Kuzmuk at 1:15 p.m., June 4, 1976, at Stouffer's National Center Inn, Arlington, Virginia.

2. OFFICIAL WELCOME: The President welcomed all members to the meeting and asked each to rise and give his name and company affiliation. The attendees are listed on the first page of these Minutes.

3. DEATH ANNOUNCEMENT: A moment of silence was held in memory of Lawrence E. Moody, who passed away March 8, 1976, as a result of a heart attack. Larry was well liked and respected in the ATI and throughout the asbestos textile industry in the United States. He had served the Institute with complete dedication for many years, had chaired several committees and was Vice President in 1969 and 1970 and President in 1971 and 1972. At the time of his death, he was Chairman of the Environmental Committee and had just completed a comprehensive study of the problems of dust generation at asbestos textile manufacturing plants. He was Engineering Manager for Southern Asbestos Company.

4. EMPLOYMENT CHANGE: President Kuzmuk announced that Edward A. Morris, formerly with Uniroyal, Inc., had joined Amatek Corporation as Sales Manager, Southern District, responsible for the sales of Amatek's complete line of asbestos and fiber glass textile products in the entire South and part of the Southwest.

5. ILLNESS: The President advised that Paul E. Leclerc, Sales Director for Asbestos Corporation Ltd., was recovering from a knee operation, following an injury caused by a fall.

6. READING OF MINUTES: Upon a call for the reading of the Minutes of the last meeting, it was moved by Sudhakar G. Dixit, seconded by Charles A. Stiefken, and unanimously carried, to dispense with the reading thereof.

7. FINANCIAL REPORT: A report on the financial status of the Corporation as of April 30, 1976, was presented by Treasurer Michael J. Scanlan. On September 1, 1975, (the start of the current Fiscal Year), the cash balance on hand was \$8,599.21. Added to this balance were receipts of \$13,248.70 and disbursements of \$10,695.06, leaving a cash balance at the end of April of \$11,152.85. It was moved by Ernest C. Bratt, seconded by Milton Q. Scowcroft, and so approved, to accept the Report as presented. The two-page Report of Funds, which will be filed for audit, is appended to these Minutes as Attachment I.

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MS 006774

8. ASBESTOS INFORMATION ASSOCIATION/NORTH AMERICA: A description of the activities of AIA/NA was given by Robert H. Mereness, Executive Director of that organization. Mr. Mereness discussed the future of AIA/NA and several of its new or expanded projects.

A Legal Advisory Committee is in the process of being formed, with Guy G. Gabrielson, Jr., as Chairman and Wendell B. Alcorn, Jr., Esq., retained as Legal Counsel to gather medical literature and information on legal precedents being set in litigations pertinent to the asbestos industry. Ultimately, AIA/NA hopes to be in position to offer the information for the use by the management of member companies.

Mr. Mereness discussed the new, improved format of the 3rd Industry-Government Conference which will be held September 8-9, 1976, in Washington, D.C. (Proceedings of the 2nd Conference are available from AIA/NA at a cost.)

He also addressed the OSHA proposal to revise the Asbestos Standard, stating that copies of a summation of its "Industry Response" to the proposal are available, on request. The summary includes a condensing of data from the "Weston Industry Study," recommendations made by the Industry and Dr. Weil's medical report. The international importance of the outcome of these and continuing, related efforts by the U.S. asbestos industry was stressed.

The members of ATI were reminded of several booklets available from AIA/NA concerned with precautions which must be taken at the work site toward the health and safety of employees. It was emphasized that the literature should be distributed throughout all factories and plants to ensure that all workers are kept informed.

Finally, a brief synopsis of various on-going government studies was given, with specific mention of the \$4.5-million asbestos-feeding study which was to have begun last year with the use of hamsters and rats to determine what happens to asbestos fiber and to the animals, on ingestion. To date not one animal has been fed the mineral -- and our taxes are funding this project!

9. FIBER PRODUCERS' REPORT: The Fiber Producers' Report was presented by Edward A. Farrell, Sales Manager for Lake Asbestos of Quebec Ltd. QAMA's inventory of Grades 3-7 remain at an all-time low and demand continues strong for Groups 4-7 and firm for spinning grades. Mr. Farrell briefly defined several exploration and/or development projects. See Attachment II for the Report in its entirety.

10. TECHNICAL COMMITTEE: Technical Committee Member John W. Hawkins reported on work done by the group since the last meeting. He reviewed the status of several ASTM Specifications and Military Standards.

Concerning the previous appeal for additional membership participation, Alton R. Morrill of Canadian Johns-Manville Co. Ltd.

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was welcomed as a new member. Mr. Hawkins also announced that Mr. Dixit, of Garlock Inc., will serve on the Committee for an interim period.

The Committee will next convene during the October meeting of the ASTM D-13 Main Committee. See Attachment III for the complete Report.

11. FIBER RESEARCH & TESTING SUBCOMMITTEE: Chairman Richard A. Kuntze presented a Report on the current endeavors of the Fiber Research & Testing Subcommittee. He discussed the progress of the dust count round robin; an Australian statistical method of evaluating dust counts; the start of a Committee study of available dust count monitoring methods; the activities of ASTM Committee D30.03 and of ISO TC/77; and apparent problems associated with the Suter-Webb comb. See Attachment IV for the complete Report.

12. ENVIRONMENTAL COMMITTEE: Temporary Chairman Dewey E. Childers presented the Environmental Committee Report, stating the group had viewed the film produced by Johns-Manville titled "working with Asbestos." The Committee had discussed at some length various problems involved with airborne asbestos fiber and dust counts. See Attachment V for the complete Committee Report.

13. SHOUP LITIGATION: Dennis H. Markusson, Esq., reported on the status of the Shoup case, stating that the Corporation has been released from the lawsuit via a voluntary dismissal.

14. NOMINATING COMMITTEE: President Kuzmuk announced that the Nominating Committee, chaired by Mr. Bratt, had met and will be prepared to present a new slate of Officers and Chairmen at the 1976 Annual Meeting in October.

15. BROADENING MEMBERSHIP BASE: President Kuzmuk referred to the questionnaire that was sent to all member companies to obtain a consensus as to ATI broadening its membership base. All but one company has responded and it appears that as of Fiscal Year 1976-77, the following ten member companies will be represented on the Board of Governors: Amatek Corporation, Asahi Asbestos Co. Ltd., Asberit S.A., Asbestos Textil S.A., Canadian Johns-Manville Co. Ltd., Garlock of Canada Ltd., Nippon Asbestos Co. Ltd., Raybestos-Manhattan, Inc., Southern Asbestos Company and TEA Industrial Products Ltd. Additionally, the following companies will continue as Associate Members: Asbestos Corporation Ltd., Atlas Textile Company, Bell Asbestos Mines Ltd., Cassiar Asbestos Corporation Ltd. and Lake Asbestos of Quebec Ltd.

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16. NEXT MEETING: Members were reminded by the President that the 1976 Annual Meeting of the Corporation will be held at the Savannah Inn and Country Club, Savannah, Georgia, October 6-8. . . . The sites of the February and June 1977 meetings may be changed from Stouffer's National Center Inn, Arlington, Virginia. The membership will be so advised at the next meeting.

17. ADJOURNMENT: There being no further business to be brought before the membership, it was moved by Mr. Farrell and seconded by Mr. Dixit that the meeting be adjourned. The motion was carried and the meeting adjourned at 2:30 p.m.

Respectfully submitted,

Doris M. Fagan

Doris M. Fagan,
Executive Secretary

MS 006777

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MT-006182

FIBER PRODUCERS' REPORT

Presented by Edward A. Farrell, Sales Manager, Lake Asbestos of Quebec Ltd., at the 1976 Spring General Meeting of the Asbestos Textile Institute, Inc., held at Stouffer's National Center Inn, Arlington, Virginia, on June 4, 1976.

The QAMA inventory of grades 3 through 7 continues to be at an all-time low. Demand continues to be very strong in groups 4, 5, 6 and 7 and firm in spinning grades. In view of the real economic recovery in the U.S.A. and improvement in Europe, it is expected the demand will continue this year and probably well into 1977.

The demand for asbestos resulted in the opening of two mines and stimulated exploration and development activities. United Asbestos started up its 100,000-short-ton-per-year mill near Timmins, Ontario, in September 1975. Also, the old Pacific Asbestos Mine near Copperopolis, California, is now in operation again as Calaveras Asbestos Ltd. at a rate of about 50,000 short tons per year. Woodsreef in Australia is now in full operation. Mines and mills are under construction in Colombia and Mexico and Johns-Manville has announced the development of a property in the Sudan. The Russians and Chinese are also increasing production of asbestos fiber.

Full development of these mines may show otherwise, but at present none of the western hemisphere mines will be major spinning fiber producers.

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MS 006778

Attachment II

TECHNICAL COMMITTEE REPORT
ASBESTOS TEXTILE INSTITUTE, INC.

June 3 and 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

IN ATTENDANCE:

Amatex Corporation -- W. Maskant (Chairman)
Asbestos Textil S.A. -- D. Barois
Canadian Johns-Manville Co. Ltd. -- A. R. Morrill
Garlock Inc. -- S. G. Dixit
Raybestos-Manhattan, Inc. -- J. W. Hawkins
Southern Asbestos Company -- D. E. Childers, J. W. Echerd

1. MEMBERSHIP:

We are glad to see Mr. Alton R. Morrill of Canadian Johns-Manville Co. Ltd. join the Technical Committee. Hopefully he will join the ASTM D13.14 Subcommittee as well. Garlock Inc. will have for the time being Mr. Sudhakar G. Dixit as a member of the Committee. He will participate as much as possible in the ASTM Subcommittee of which he is a member.

2. ASTM MATTERS:

a) ASTM D-315 Asbestos Tape, Woven -and- ASTM D-1571 Asbestos Cloth, Woven -- Committee Letters of Ballot on Precision and Accuracy are to be sent out for vote.

b) ASTM D-628 Asbestos Tubular Sleeving -- Approved for inclusion in the 1976 Book of ASTM Standards.

c) ASTM D-1118 Magnetic Rating -- Editorial changes were approved by Letter of Ballot through Subcommittee D13-14. The status of this Standard is that it is out for vote in the Main Committee.

d) ASTM D-1918 Asbestos Content -and- ASTM D-2100 Asbestos Textiles for Electrical Insulating -- Neither of these Standards reached the Main Committee. Mr. Paul O. Nicodenus, Chairman of Subcommittee D13.14, will issue the appropriate forms to ASTM Headquarters to have the Standards reappraised and included in the 1976 Book of ASTM Standards.

e) ASTM 299 Yarn -- As reported in the last Minutes, this Standard needs some revision. Although the Standard is valid until

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Attachment III/page 1 of 2

MS 006779

MT-006184

1979, it was decided to review it as soon as possible. This matter will be discussed at the next meeting, preferably in October at the ASTM meeting in New York City.

f) Since there were no urgent ASTM matters, it was decided to not have an interim meeting and all the ASTM members also participating in the ATI Technical Committee were urged to attend instead the October 18-21, 1976, ASTM meeting in New York City. Mr. Nicodemus will chair the ASTM Subcommittee meeting.

3. MILITARY STANDARDS:

Some Military Standards were discussed, in particular MIL-T-4117 and its superseding Specification FH-T-1782. Although the Committee is of the opinion the Standards are not perfect, no action will be taken at this time. The same applies to MIL-I-15349C as Raybestos-Manhattan, Inc., and Southern Asbestos Company are exchanging technical data to determine if this Specification should be changed.

4. NEXT MEETINGS:

a) The next meeting of the ATI is scheduled October 6-8, 1976, at the Savannah Inn & Country Club, Savannah, Georgia.

b) The next ASTM meeting will be the Main Committee Meeting of D-13 on Textiles -- during the period of October 18-21, 1976, at the Belmont Hotel, 42nd and Lexington Avenues, New York City. All ASTM members of D13.14 are requested to attend.

Respectfully submitted,

Wm. Maaskant,
Acting Chairman

MS 006780

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FIBER RESEARCH & TESTING SUBCOMMITTEE REPORT

ASBESTOS TEXTILE INSTITUTE, INC.

June 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

IN ATTENDANCE:

Cassiar Asbestos Corporation Ltd. -- R. A. Kuntze (Chairman)
Bell Asbestos Mines Ltd. -- W. E. Smith
Lake Asbestos of Quebec Ltd. -- C. E. Stiefken (Asarco)
Southern Asbestos Company -- D. E. Childers

1. The progress of the dust count round robin, instituted at the last meeting, was discussed in detail. However, it was decided that insufficient data are available at this time to make a report to the general membership.
2. An Australian statistical method of evaluating dust counts was discussed, but no action was taken. Copies of the method are available on request.
3. It was decided to begin a survey of other dust count monitoring or counting instruments and methods available or in use elsewhere. A preliminary report is expected at the next meeting.
4. The activities of ASTM D30.03 were reviewed. The last meeting of this group was held in Valley Forge, Pennsylvania, early in May 1976. Of interest to ATI is the discussion of a round robin test program set in motion to compare the T&N Classifier with the Bauer-McNott Classifier. If appropriate, the results of the round robin will be reviewed at the next meeting of the ATI Fiber Research & Testing group.
5. Similarly, the activities of ISO TC/77 were mentioned. TC/77 has changed its scope and now deals with test methods for asbestos fibers that are used in asbestos-cement and/or other products that fall under the jurisdiction of the Committee.
6. The apparent problems associated with the Suter-Webb comb were discussed. Concern was expressed that fewer and fewer companies are using this test method because of lack of trained operators. If this trend continues, the Bauer-McNott would become the only method for length determination of textile grade asbestos fiber.

Respectfully submitted,

MS 006781

R. A. Kuntze, Chairman

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Attachment IV

MT-006186

ENVIRONMENTAL COMMITTEE

ASBESTOS TEXTILE INSTITUTE, INC.

June 4, 1976

Stouffer's National Center Inn, Arlington, Virginia

IN ATTENDANCE:

Anatex Corporation -- J. L. Rainey, H. H. Walter
Asbestos Textil S.A. -- D. B. Barois
Canadian Johns-Manville Co. Ltd. -- H. M. Hay
Garlock Inc. -- S. G. Dixit, A. Kuznuk, R. B. Pilmer (Garlock of
Lake Asbestos of Quebec Ltd. -- E. A. Farrell Canada Ltd.)
Nippon Asbestos Co. Ltd. -- S. Shima
Raybestos-Manhattan, Inc. -- C. A. Kennedy, W. Krucke,
M. Q. Scowcroft
Southern Asbestos Co. -- E. C. Bratt, D. W. Childers (Chairman)
TEA Industrial Products Ltd. -- H. J. Corson

1. First on the agenda was a sound, color, motion-picture film on loan to the Committee by Johns-Manville Corporation entitled "Working With Asbestos." The film was received with enthusiasm.
2. The procedure for requesting an extension of the abatement period on prevention of airborne asbestos fiber was discussed. It was concluded that the procedure would be the same as it has been for the past year.
3. Via a system designed by TEA for stripping cards, one member company was able to reduce the fiber count to below 5 fibers per cubic centimeter. The system can be built from prints which are available, via purchase, from TEA.
4. Another plant employs a "dry" operation that results in a fiber count under 2 f/cc. The facility bases its success on having started the plant with all new equipment.
5. An electronic apparatus is now being tested in at least two plants in an attempt to reduce the fiber count. Both companies will keep the Committee informed of their progress. The equipment is said to give a positive charge to the particles in the air, after which the charged particles are expected to drop to the floor.

Respectfully submitted,

D. E. Childers,
Acting Chairman

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Attachment V

MT-006187

MS 006782