

FILE NAME: Johns-Manville (JMA)

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7/20/98:

QAMA Minutes

- 2/2/67: Occupational Environmental Health Committee says only asbestos industry has urgent need to set up an institute of occ. env. health and wonders if other industries can "be incited to collaborate."
- 4/10/67: Antigua conference of scientists planned, est. cost \$50,000. Customers asking about asbestos health hazard: "it should be merely stated that, like for any dust, care must be taken in handling asbestos. All scientific data should be left out, because still debatable."
- 8/10/67: "counter-publicity" (to "bad publicity") not possible...since sufficient scientific data is not yet available." (pp. 4-5).

QAMA 1968--Grand Bahama Hotel Meetings, Mar. 28, 29

- 3/28: Warning label language considered (3).
- 3/29: G. Wright chaired "Scientific Committee of the Institute of Occupational and Environmental Health"; 37 doctors attended the Antigua conference (p.1). Wright urged the industry to conduct studies, but then: "(I)t was pointed out by the President that in discussions with people who defended the tobacco industry, he had been told that it had been found advisable not to be carried away by the medical profession." (p. 8).

MINUTES OF THE 100th MEETING OF THE
QUEBEC ASBESTOS MINING ASSOCIATION, HELD ON THURSDAY,
FEBRUARY 2, 1967 AT THE BARBADOS HILTON, BARBADOS, W.I.

Present:

Messrs.	M.J. Messel	M.P. Carson	R. Hackney
	W.W. Doughtred	R. Dodds-Hebron	N.W. Hendry
	K.V. Lindell	J.W. Duncan	J.R.M. Hutcheson
	R.J. Merrill	J.O. Eby	A.L. Penhale
	P.A. Meyer	A.R. Fisher	D. Poutiatine
	F.P. Smith	W.H. Foster	P.H. Riordon
	R.D. Bradford	G.G. Gabrielson	G. Robinson
	I.C. Campbell	R.P. Gagnon	I. Sabourin
			P.A. Filteau

Mr. Messel occupied the chair. A cordial welcome was extended to Messrs. Fisher, Poutiatine and Gagnon on the occasion of the 100th meeting of the Association.

Minutes of meetings held at Jasper Park Lodge on August 4 and 5, 1966 were adopted. A motion for adoption of minutes of meeting of December 12, 1966 was then moved and seconded.

Agreed.

Technical Committee

The fifty-first meeting of the Technical Committee was held on January 17th, 1967, in Thetford Mines. The Chairman reports

that the test work is continuing under the following sub-committees:

Oil Absorption Sub-Committee
Fibre Strength Unit Sub-Committee
Filtration of Asbestos-Cement-Silica Mixes
A.S.T.M. Task Groups

The Unit Load Sub-Committee has held several discussions with freight handlers and shipping companies. It seems that isolated groups are interested in unit loads, but it will be some time before the industry will have sufficient acceptance to initiate the use of such a package.

Three approaches were reviewed and a summary of the material costs was given to The Technical Committee. The sub-committee realizes the difficulty of introducing the concept of unitized shipments and will continue its investigation. At this point, it was submitted that it might be more advantageous to go to container shipments. This could be looked into, possibly in the case of U.S. shipments. The report of the Copant Meeting has been circulated to the members of the Technical Committee. This report will be reviewed with Mr. Hutcheson to outline a suitable program.

Uniform Classification and Grading Committee

The Chairman reported as follows:

1. Sherbrooke Laboratory

The regular work of the laboratory is proceeding normally. In addition, Mr. Cossette is co-operating with Dr. Massey of the University of Sherbrooke and Dr. Pelnar. Dr. Massey is supplying two students to work in the laboratory this summer.

One good effect of this work with Dr. Massey is that it improves the Q.A.MA. Laboratory's image with the University.

A request by Dr. Saucier (Head of University of Sherbrooke Biology Dept.) to trap animals on QAMA Company's premises has been referred to Mr. Lindell. One summer student is to be hired in 1967 to allow research of Strength Unit for the Technical Committee. Some Strength Unit tests are to be performed on anthophyllite to check some confusing statements from South America.

2. Dept. of Mines & Technical Surveys

A three phase program was first started in Feb., 1962; and was reviewed with the Minister of Mines in Nov. 1964. The objectives were (and are today) as listed below. Progress is noted briefly:-

(a) Methods to determine the dimensional characteristics of fibre, particularly length.

Fibre orientation in liquid - I.R 63-48

Ziess Particle Size Analyser- I.R 64-73

Watson Image Shearing - Static method of
Measuring diameter.

The Ziess Analyser was purchased by Q.A.M.A. in October 1966. Fibres were supplied to Ottawa. As of Jan. 27/66 a camera for projecting the dispersed fibre on to a photographic plate (direct) is to be used. Ottawa is waiting for the required paper but doing some preliminary counting.

Ottawa is considering Zeta potential (study of coagulation and chemical additives), also use of di-electrics.

(b) Methods to express numerically the texture (harshness or softness) of fibre.

Iodine Absorption - IR 65-31
(abandoned) IR 65-52

Infra-red (in progress Nov./65)
Thermal Luminescence?

As of January 27/67 trying sonar (variable audio frequency).

(c) Methods to measure and express the degree of "openness" of fibre.

1965 - Investigating nitrogen absorption
Mar./66 - Dept. has bought smaller, more
practical, nitrogen absorption machine.

As of Jan. 27/66 waiting for repair equipment for larger machine to continue testing.

3. Dept. of Natural Resources - Quebec

A meeting was held with Mr. Foy on Jan. 17 at which he was told:

- (a) Q.A.M.A. will not supply funds.
- (b) Asbestos in asphalt has been well tested - use required.
- (c) Asbestos in concrete not encouraging.
- (d) Asbestos in paper seems a good area for investigation. Perhaps the Three Rivers Institute could assist.

Mr. Foy was also given Asbestos Corporation's experience with wet milling for asbestos.

4. Point Value Classification

Attached is the wording given to Directors on December 12, 1966; it has since been reviewed by the Uniform Classification and Grading Committee and left unchanged. At the meeting of September 12 of the Association, it had been agreed in principle to introduce the P.V. System as a standardized procedure.

Approval by Directors was requested by the Chairman, but was held up, because one member company, namely Flintkote Mines Limited, was not represented at the meeting.

Also attached is a revised wording of the copy given to Directors on Dec. 12, 1966, concerning "suggested controls for P.V. Classification." If the P.V. Classification is adopted, these would be the controls suggested.

5. McNett Classification

No progress to report. The Chairman suggested minimums for Q.S. Fibre Groups and Grades to the Uniform Classification & Grading Committee on Jan. 24, but maximums have no significance due to the wide range of McNett results of Q.A.M.A. fibres. The committee feels that a better way of measuring is necessary before progress is possible.

6. New Grades

Originally new grades, which had passed the experimental stage, were tabled with the Uniform Classification and Grading Committee for classification within existing classifications. This Chairman feels that this is desirable and has requested committee members to consider this principle as desirable in the

future. It seems that in certain cases the rule of 100 ton experimental minimum shipment of the U.C. & G. Committee has not been observed. It was suggested that the Committee publish a list of the offenders, if any.

Industrial Relations Committee

1. The Chairman explained that further adjustments were still to be made on the new Bausch & Lomb Automatic Dust Counter, in order to obtain proper correlation with the previous instrument (impinger).
2. The Department of Labour of Quebec, the Chairman has been advised, intends to propose several amendments to the Labour Code, among which,
 - a) The meaning of the word employee would not exclude foremen, i.e. the latter could be allowed to unionize, a situation which could result in a conflict of interest;
 - b) Before the right to strike may be exercised, a vote by secret ballot must be taken under the supervision of an officer of the Labour Dept.;
 - c) Notice of six (6) months by employer, when planning a shut-down.
3. It seems that the Unions are pressing the Labour Department to establish a Miners Reclassification Fund, which could be used to assist employees laid off as a result of curtailment or shut-down of mining operations. The Committee is awaiting developments.

In their effort, however, to obtain additional compensation for so-called "psychic traumatism resulting from an industrial

accident", the Unions were flatly told that they were mistaken and lacked information on the functions and personnel of the Workmen's Compensation Board.

4. Mine Rescue Station Expenses for 1967

Resolved that the allocation of costs of the Thetford Mines Rescue Station during 1967 be calculated on the following basis:

Thetford Mines Rescue Station:

a) Building and Equipment (Capital cost, rent, maintenance, etc.)

QMAPA (Solbec)	200 men	40%
QAMA	<u>305 men</u>	<u>60%</u>
	505 men	100%

b) Superintendent's Salary:

QMAPA (South Shore)	628 men	67%
QAMA	<u>305 men</u>	<u>33%</u>
	933 men	100%

c) Superintendent's Travel Expenses
to Gaspe, Solbec, Cupra,
New Calumet and Oka.

QMAPA	100%
QAMA	nil

To Asbestos:

QMAPA	nil
QAMA	100%

General Superintendent (Mine Rescue Training Plan)

Salary and Travel Expenses:

QMAPA	4986 men	94%
QAMA	<u>305 men</u>	<u>6%</u>
	5291 men	100%

ADOPTED.

Traffic Committee

A meeting of the Committee was held in Montreal on January 25th and 26th, at which time the following matters were dealt with:

- a) A meeting with the Canadian Freight Association and Railroads, protesting the 10% increase proposed in the Agreed Charges to St. Lawrence ports, and as a result of this meeting the increase has now been postponed to April 1st pending further discussions.
- b) Decision to make application to the appropriate Railroads for the establishment of 120,000 lb. rates to Official Territory in the United States.
- c) Agreements with the United Kingdom, Continental, Baltic and Australian Freight Conferences for rates for the coming year at 75 cents more per ton in 1966 (an increase of about 5%) whereas all Conferences had been requesting increases ranging from 10 to 15%.

Legislation and Taxation

- a) The so-called federal baby budget was passed by the House of Commons which provided, amongst other things, for an increase in personal income tax for most Canadians and increased the effective rate of federal sales tax from 11% to 12%, but this additional 1% was not made applicable to production machinery or construction materials.

- b) The difficulties previously reported with respect to a joint submission by this Association and the Quebec Metal Mining Association, now appear to be resolved and a final meeting is to be held this month in order to finalize the submission which it is intended to make to the Prime Minister on this subject.

Public Relations

- a) The draft text of the proposed new centennial booklet on the asbestos industry is included in the working papers tabled at the meeting, and all members were requested to examine same and send their comments to the Chairman of the Public Relations Committee on or before February 15th.
- b) The text of the Expo folder which is to be distributed at the Quebec Pavilion at Expo '67, was reviewed and amended.

Dust Abatement Committee

Reports on dryer dust control have been received from Lake Asbestos, Asbestos Corporation, Bell Asbestos and Canadian Johns-Manville. Two only are comprehensive enough to be seriously studied and it is planned to do so. In his comments at the meeting, the Chairman gave,

- a) a description of the extent of our problem by stating figures of dust quantities emitted to the atmosphere at C.J.M. and at Lake Asbestos, pointing out the progress over the immediate passed years;
- b) data on experimental work being presently carried out at

Canadian Johns-Manville. It was pointed out that an improved asbestos cloth might be the answer to the dryer dust abatement problem.

New Business

- a) The Treasurer tabled the financial statement of the Association for 1966; to be audited in due course.
- b) In reply to a request from the 1967 Annual CIM Meeting Committee, an amount of \$500.00 was proposed as a contribution to the general financing of the meeting to be held in Ottawa, March 26, 27, 28, 29 next.

ADOPTED.

- c) Method of Reporting Average Number of Men Employed -

It was felt advisable to review present practice; does it include the hiring of students, contracting and construction work?

It was suggested that an "Ad Hoc" Committee be appointed to look into the matter. It was moved that Mr. F.P. Smith be named chairman of such committee, with Messrs. J.D. Eby, I.C. Campbell and G. Robinson as members.

ADOPTED.

General Business Conditions

Comments suggested that the outlook for 1967 was somewhat muttain. U.S. is entangled with the War in Vietnam and is fared with a "balance of payment" problem. The automotive industry is falling behind last year. Measures are needed

to stimulate the economy of the country. Business in Europe, however, is improving. Negotiations of major labour agreements coming up and demands could be substantial while the "getting is good". Indeed, 1967 promises to be a challenging year.

SPECIAL SUMMER MEETING - 1967

Preference was expressed in the following order:

Murray Bay
Seigniory Club
St. Andrews, N.B.

Dates suggested - August 9, 10, 11, 1967.

At this point, the meeting was adjourned till 9:30 a.m., the next day, February 3rd, 1967.

Resumption of the
100th Meeting of the

QUEBEC ASBESTOS MINING ASSOCIATION

The meeting was called to order at 9:30 a.m. with the President asking the Chairman of the Occupational and Environmental Health Committee to report on the activities of the Institute.

Occupational and Environmental Health Committee

At the Jasper meeting, explained the Chairman, a report on the first meeting of the Scientific Committee of the Institute of Occupational and Environmental Health was submitted.

Since that time your Committee has attended the International Congress of Diseases of the Chest in Copenhagen in August, 1966, and sponsored attendance at other meetings, such as the International Congress on Occupational Health in Vienne, in September 1966.

Your Committee attended as well as sponsored attendance at the International Congress in Tokyo, in October 1966.

At the Quebec meeting of the Association in October, the Institute of Occupational and Environmental Health was formally organized.

Letters patent were issued dated October 11/66.

The directors of QAMA were elected directors of the Institute protem and the following were elected to the Executive Committee protem:

K.V. Lindell, Chairman.

W.W. Doughtred, Asbestos Corporation.

Parker Smith, Bell Asbestos Mines.

Michael J. Messel, Lake Asbestos of Quebec.

Ivan Sabourin, Legal Counsel, has been asked to serve as Secretary of this Committee.

The new Committee held its first meeting at St. Johns, Iberville, Saturday, January 14th. The agenda of the meeting was:

1. Antigua Conference. Should we have another and when.
(Estimated cost \$50,000.00)
2. Proposed Dresden Meeting (Eastern Germany).
1968 (April 22-26)
3. World Occupational Health permanent Committee on
asbestosis-cancer.
4. Scientific Committee latitude.

The Scientific Committee had its second meeting December 10 and 11 (Saturday & Sunday) in New York City. Mr. Lindell and Mr. Sabourin, Dr. Cartier and Dr. Smith were invited to attend the Saturday meeting. A full report will be prepared for each member containing a copy of all correspondence received to-date relating to this subject. This could be available in the next ten weeks.

One important problem area has arisen from discussions held to-date.

While it has been the understanding of the Chairman that the Scientific Committee would serve in an advisory capacity, studying our problem at depth and recommending research or other study programs that we should undertake - the impression he now gets is that these learned men see themselves as a committee studying research-programs proposed by others and allocating funds to support and sponsor them.

From the beginning, the Chairman has been pointing out that there were no "funds" per se, and that the members of the scientific Committee were expected to recommend a program. - In other words, determine the work to be done - estimate costs - then the directors of the Institute would see what could be done.

The Scientific Committee and possibly others disagree with this view and suggest a fund of say $\frac{1}{2}$ to 1 million be placed at their disposal. The Chairman repeats that he still adheres to his original premise.

The only other approach would be for the consumers of asbestos getting together and setting up such a fund - but would they agree that this Scientific Committee administer it. This problem should be explored with the larger firms first at an early date.

The Scientific Committee has received and has asked to review several research requests.

Two of these projects, - University of Sherbrooke - requested only opinion and advice, but no funds. The others requested funds.

The Committee of course has no funds. - Where do we go from here?

There is a need for an Institute of Occupational and Environmental Health in Canada. However, only one industry at present has an urgency in this matter. How can any other segment of mining or manufacturing in Canada be incited to collaborate on this problem at this time?

The governments may assist, briefs to the Federal and Provincial governments have been submitted, but the committee has not had an opportunity to pursue this further.

Another possibility might be to call on the associations in the U.S. : the Asbestos-Cement producers and Asbestos Textile Institute. The associations operate on very small budgets and do not have upper echelon participation.

Hence projects must be confined to Canada or enlist support from the major companies in the U.S. Or else assist the latter in setting up an organization and participate in their program in only a limited way.

A meeting with one major producer has been arranged for February 13th in New York in an effort to explore the whole matter and determine what is the best approach.

Following the report of the Chairman, Counsel added that the Scientific Committee wished to know if funds were available. The members of said committee would like to allocate funds rather than evaluate research projects and make recommendations to QAMA. In so doing, they would be in a position to supervise pertinent research being carried out the world over.

Reference was made to several conferences to be held within a year or two and the question was tabled again - is another Antigua conference desirable?

The by-laws of the Institute were tabled for review by the executive committee and report to next general meeting.

Expo '67

The General Manager reviewed the progress of construction of the Asbestos Plaza. The rock sculpture is nearing completion and the fountain base, piping, wiring, etc. are being set in place. Referring to the guide book distributed at the meeting, it was pointed out that the location of the Plaza was most favorable for viewing by visitors, because it is near the Canadian, Ontario and Quebec pavilions.

Election of Officers

The Chairman of the nominating committee submitted the following slate of officers and committee chairmen as agreed and proposed by his committee at a meeting of its members:

Officers and Directors

Mr. Michael J. Messel	President
Mr. W.W. Doughtred	Vice President
Mr. R.S. Coleman	Director
Mr. K.V. Lindell	Director
Mr. J.A. Main	Director
Mr. R.J. Merrill	Director
Mr. P.A. Meyer	Director
Mr. F.P. Smith	Director
Mr. Ivan Sabourin	Legal Adviser
Mr. George Robinson	Treasurer
Mr. Paul A. Filteau	General Manager & Secretary

Committee Chairmen

Mr. R. Dodds-Hebron	Technical Committee
Mr. H.W. Foster	Uniform Classification and Grading Committee
Mr. I.C. Campbell	Public Relations Committee
Mr. I.C. Campbell	Traffic Committee
Mr. J.O. Eby	Industrial Relations Committee
Mr. W.W. Doughtred	Legislation and Taxation Committee
Mr. K.V. Lindell	Occupational and Environmental Health Committee
Mr. J.R.M. Hutcheson	Dust Abatement Committee

ADOPTED.

The President thanked the directors for their vote of confidence, hoping that he would carry on to their satisfaction during the ensuing year. The Chairmen of the various committees were to be commended for their work and support. In general, the President was pleased with the work and activities of the Association.

New Business

It was moved that a salary increase of \$300.00 per year be awarded Miss D. Côté, Quebec Office secretary.

AGREED.

Next Regular Meeting

Next meeting of the Association will be held on April 10, 1967 in Quebec City.

Next Special Meeting

Dates proposed for a Special Summer Meeting were August 9, 10, 11, 1967. Tentative locations are in order of convenience:

Murray Bay
Seigniory Club
St. Andrews, N.B.

Adjournment

There being no further business, the meeting was formally terminated.

J. O. Ely

MINUTES OF THE 101 MEETING OF THE
QUEBEC ASBESTOS MINING ASSOCIATION
HELD ON MONDAY, APRIL 10th, 1967,
AT THE CHATEAU FRONTENAC, QUEBEC CITY, QUE.

Present:

Messrs. W.W. Oughtred	F. Bolduc	L. Piuze
K.V. Lindell	I.C. Campbell	D. Poirier
J.A. Main	R. Dodds-Hebron	M. Prus
R.J. Merrill	W.H. Foster	P.H. Riordon
P.A. Meyer	J.R.M. Hutcheson	G. Robinson
F.P. Smith	A.L. Penhale	I. Sabourin
		P.A. Filteau

Mr. Oughtred chaired the meeting. Minutes of the meeting held on February the 2nd, 1967 at the Barbados Hilton, W.I. were adopted as submitted by the Secretary and General Manager.

Technical Committee

A meeting of the Committee was held on April the 4th, and the Chairman of the Committee reported on the work in progress, as follows:

- a) Oil Absorption Sub-Committee - A second Round Robin test has been undertaken but not completed due to delay in delivery of SC-70 vehicle. Results within 5% deviations are expected.
- b) Fibre Strength Unit Sub-Committee - It is recommended that a new Round Robin be conducted to evaluate the improvements obtained in uniformity of procedure and equip-

ment, this work to be carried out under the auspices of the Technical Committee and with the agreement of the Uniform Classification and Grading Committee.

- c) A.S.T.M. Committee, D-30 - Tentative procedures have been circulated covering the combined air permeability method and the ro-tap test.
A procedure for the T & N Vertical Wet Classifier has also been prepared in A.S.T.M. format.
- d) A.S.T.M. Committee, D-13 Sub-Committee A-4, Magnetic Rating - A Round Robin is planned to evaluate the T & N Magnetic Rating Analyser and the Wronski Magnetic Balance apparatus. Q.A.M.A. members and other interested parties will be invited to participate.
- e) Unitized Shipments - The sub-committee has held 2 meetings recently at which time a review was made of packaging experiments carried out by some of the companies. It was mentioned that Canadian Johns-Manville was experimenting with a twenty-ton container. Bailing of fibre is also being tried out; factories suggest one-hundred-ton units.
It is to be pointed out, however, that laminated bags will still be necessary for factory handling.
- f) Mines Branch, Ottawa - Mr. Winner of Ottawa attended the last meeting of the Committee and reported on the Research work presently being carried out by the Mines Branch.

Uniform Classification and Grading Committee

In his review the Chairman pointed out that a new report form had been developed by the Director of the Sherbrooke

Lab. to include P.V. Classification, if adopted. The fibre inspector has started his 1967 fibre selection so as to allow sufficient time to carry out a P.V. selection, if such is accepted.

The Sherbrooke Lab. storage room has been converted to cold temperature, because discrepancies have been noticed in testing. The Lab. Director was not permitted to attend the Conference in Cambridge, following his request to do so.

Industrial Relations

Mr. J.R.M. Hutcheson reported on behalf of the Chairman of the Committee, Mr. J.O. Eby, who was unable at the last minute to attend the meeting. The latter had intended to bring to the attention of the meeting that, following notification received from the Workmen's Compensation Board that the Merit Rating Rates of our Group had been changed, the committee planned to visit with officials of the Commission as soon as possible.

It was agreed, in line with recommendation of the Chairman that the Dust Control Engineer, Mr. Lachance would attend the American Industrial Hygiene Conference in Chicago. Expected travel expense \$400.00.

The General Manager tabled a letter to the Honorable Maurice Bellemare, Minister of Labour, with respect to the proposed establishment of a Provincial Accident Prevention Board, thus repealing articles 110 and 111 of the present act. The recommendation is that the prevention of accidents in mines and quarries should remain under the jurisdiction of the Department of Natural Resources.

Other recently proposed amendments to the Workmen's Compensation Act were also stressed, specifically that concerning acticle 108, which would deem compensable pneumoconioses complicated with or associated with other industrial diseases resulting in a physical incapacity or death, even after an elapsed time of 5 years after leaving employment or exposure to dust breathing. It was proposed that counsel and the General Manager meet with the minister and the Commissioners of the Workmen's Compensation Board to discuss this new interpretation and recommend certain limitations.

Traffic

The Chairman was pleased to report that:

- a) Negotiations with the Railroads concerning the measure of increase to be applied to the Agreed Charge for shipments to St. Lawrence ports for the year beginning April 1, 1967, have been concluded on the basis of an across-the-board increase of \$0.01 per 100 lbs. as opposed to the 10% increase demanded by the Railroads.
- b) The Association's application to the Canadian Railroads for the establishment of 120,000 lbs. rates to Official Territory in the United States, have been initially turned down on the basis that the Railroads could not supply sufficient 50-foot cars for such movement. Inasmuch as it is our actual practice to load 120,000 lbs. (excl. spinning fibre) in 40-foot cars, we intend to reopen the question.

- c) The ocean freight rates to India, Pakistan, Ceylon, etc. are being increased by \$1.50 per ton, or approximately 5%, effective June 1st. Heretofore there had been no increase in this trade since 1965.
- d) The situation with respect to off-loading asbestos at the docks in London was still somewhat precarious.

Public Relations

According to the chairman, the brochure for distribution at Expo has been corrected and is going to press this week. The new edition of the Asbestos P.R. booklet has been re-written, re-edited and will be going to press shortly. It was suggested, however, that the new version should be circulated to all Members for final approval before distribution. The piece of ore for the fountain at the Asbestos Plaza at Expo in Montreal, has been delivered and will be installed this week.

Legislation and Taxation

- a) The Chairman reported on the Carter Commission, and it was agreed that any representations made by the Association to the Federal Government on this subject should best be carried out through the auspices of the Mining Association of Canada.
- b) The Quebec provincial sales tax has been increased from 6 to 8% and regulations have been issued whereby the amount of power consumed by industry for non-productive purposes heretofore taxed on the basis of actual

consumption for such non-productive purposes, will now be taxed at a minimum of 10%, and intra-provincial freight charges which are not taxable will, however, be taxable in the event that they are invoiced concurrently by the supplier with the goods.

- c) The special federal refundable corporation tax of 5% has been rescinded effective 31st March 1967, and at the same time the temporary reduction in certain capital cost allowance on property acquired after March 29, 1966, has also been rescinded.
- d) There has been a further delay by the Quebec Metal Mining Association in making joint representations with us to the Provincial Government on the Belanger Commission and the Quebec Mining Act, which has been brought about by disagreement on the part of Noranda. Mr. Filteau reported that QMMA is agreeable to make a joint submission at some mutually convenient date in the month of May.

Occupational and Environmental Health Committee

Proposed by-laws prepared by Counsel have been distributed to the members of the Executive Committee for their perusal.

The Chairman explained that he was trying to obtain a research assistance program from the Scientific Committee, specifically a review and a detailed list of the immediate work to be done to answer accusations from certain quarters, if funds were available. Following Dr. Pelnar's report on his recent trip to Europe such a program is expected to be submitted by the end of the month of April.

Antigua Conference - It is proposed that a second Conference be held under the auspices of our Association. Only top scientists are to be invited to express their thoughts on the asbestosis incidence and its biological effects. An agenda and a special program are being prepared by the Executive Committee. Estimated cost - \$50,000. Motion seconded and adopted.

Certain members indicated that customers were asking about asbestos dust as a health hazard. Where any company wish to reply, it should be merely stated that like for any dust, care must be taken in handling asbestos. All scientific data should be left out, because still debatable.

It was moved and seconded that a note of sympathy should be addressed to the family of Dr. Vidal upon his recent death, April 9th.

Dust Abatement Committee

A meeting of the Committee was held on March 17. In this connection, the Chairman wishes to report that the position of his committee calls for a free interchange of information between member companies. The Committee plans to investigate into the following dust abatement possibilities:

- a) Dryer Stack Control.
- b) Electrostatic precipitation.
- c) Sprinkling and covering of tailings piles to prevent blowing of dust.

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- c) Sprinkling and covering of tailings piles to prevent blowing of dust.

"Ad Hoc" Committee on "Method of Reporting Number of Employees"

Nothing to report at this time.

Expo'67

The rock sculpture has been moved to the site and necessary piping is presently being installed for the proper operation of the fountain. Asbestos cement planters and seats to be put in place in time for official opening of Expo.

New Business

Soviet Visit - The U.S.S.R. has agreed to the visit of a Canadian Mining delegation but, would allow the delegates to see only one asbestos mining operation. Should the delegates of the Asbestos Industry be sponsored or not by Q.A.M.A.? This does not meet with the consensus of the directors and accordingly it is proposed and seconded that formal sponsorship be given by Q.A.M.A. but without any cost to the Association.

ADOPTED.

Car Mileage - In reply to a question by the Treasurer, it was agreed that car mileage travelled by Association Employees should be reimbursed at a rate of ten cents per mile.

Montreal Office - It was pointed out that the Secretary in the Montreal Office had been required to work overtime hours on many an occasion. Moreover, the effects of increased cost of living, brought about by Expo, are felt in more than

one way. It was agreed that overtime should be avoided, but that, if necessary, it should be remunerated at the rate of time and a half. Additional help is foreseeable for the not too distant future.

Special Guests at coming meetings - It was agreed that Mr. V.C. Wansbrough, Vice-President and Executive Manager of the Mining Association of Canada be invited to the Special Summer Meeting at the Manoir Richelieu.

An invitation should be forwarded to Honorable Maurice Bellemare and his deputy Mr. Donat Quimper for luncheon following the next regular meeting of the Association on May 29, 1967.

It is understood that Mr. J. Christian of Cassiar Asbestos Corporation receives a standing invitation to all meetings of the Association.

Adjournment

There being no further business, the meeting was formally terminated.

J. O. Eby

MINUTES OF THE 102 MEETING OF THE
QUEBEC ASBESTOS MINING ASSOCIATION
HELD ON MONDAY, MAY 29 , 1967,
AT THE CHATEAU FRONTENAC, QUEBEC CITY, QUE.

Present:

Messrs. M.J. Messel	F. Bolduc	J.R.M. Hutcheson
R.S. Coleman	I.C. Campbell	D. Poirier
K.V. Lindell	Yvan Couture	P.H. Riordon
R.J. Merrill	R. Dodds-Hebron	Geo. Robinson
P.A. Meyer	J.O. Eby	I. Sabourin
F.P. Smith	W.H. Foster	Paul A. Filteau

Mr. Michael J. Messel presided the meeting. Following a motion, the minutes of the meeting held on April the 10th, 1967, in Quebec City, were adopted.

Technical Committee

The Chairman stated that a meeting of his committee was held on Thursday May 25th, to consider 2 questions: Unitized shipments and the Copant questionnaire.

- 1.- In the case of Unitized shipments, several meetings of the sub-committee have been held to determine the type of unit load best suited to satisfy the demands of the English dockers for dust-proof packaging. Representatives of all member-companies were called in, and in addition, members of traffic and sales attended the last two sessions.

Various designs of one-ton units have been studied and after considering that a move to unitization might be required in a hurry, two have been selected. The two types are palletized units and are available for immediate use at customers' expense:

- a) a palletized one-ton cardboard container at \$10.00 per ton.
- b) a palletized twenty-bags (laminated) unit at an estimated \$8.00 per ton.

It was agreed that no trial shipments of palletized units should be made until situation on the English docks regarding unitization has been clarified, and also that no tonnage should be shipped to England in paper bags, unless these are overwrapped.

- 2.- As to the Copant questionnaire, the QAMA Technical Committee has reviewed and accepted the answers proposed by J.R.M. Hutcheson and checked by W.H. Foster and R.Dodds-Hebron. The Committee now wishes to submit the answers for approval by the Directors.

After perusal of answers by the meeting, it is proposed that the word "fines" be used instead of "dust" to define the particles that pass through the finest screen, and also not to indicate the type of Asbestos "Chrysotile" on bags, as suggested, if Copant agrees. The answers to be submitted to A.S.T.M. on June 28.

Uniform Classification and Grading Committee

In his report the Chairman stated that the Committee had met on May 23rd and that matters on the agenda of interest to the Q.A.M.A. Directors, could be summarized as follows:

- 1.- It is proposed to revive random visits of the Fibre Inspector to all companies' plants to check the Q.S. tests of shipments. This is in line with the "Suggested Controls for the Quebec Point Value Classification", paragraph 4 which was submitted to the Q.A.M.A. Directors in Barbados. At this point, the president submitted that members were not ready to vote on the matter, since unanimity had not been reached yet.
- 2.- The new salary schedules for the Sherbrooke Lab. personnel of which each Director received a copy at the meeting is submitted for approval by the Directors as per recommendations of the committee. Moved and accepted.
- 3.- A McNett classification, based on points developed by Mr. Cossette has impressed the Chairman of the Committee and he feels that the system has merit. Rather than attempting to develop a complete classification covering all grades produced, it is suggested to draw up a list of classifications presently being used by certain producers.
- 4.- The subject of trial grades and the desirability of submission to the Committee after 100 tons of shipments is emphasized. As the Q.S. Classification is the only official one yet, then fibres must be classified under Q.S. This will be done in future for some grades not so classified at present.

- 5.- In regards to a new classification for 3 Group fibres the general opinion is that some fairly competent people had, and were, working on this and, until they reached better conclusions or methods than available now, a new classification seemed difficult, if not impossible.

The desirability of Ottawa coming up with a true measure of fibre length was stressed and the Chairman will carry this message to Ottawa.

Industrial Relations Committee

The Chairman had nothing special to report except that new wage contracts had been signed by certain companies.

Following a request made at the previous meeting of the Association, representations were made by Counsel and General Manager to the Deputy-minister of Labour, Mr. Donat Quimper, on the proposed amendment to clause 108 of the Workmen's Compensation Act, dealing with pneumoconiosis claims. Subsequently a brief was prepared by Counsel and submitted. A few days later, at a meeting of QMMA representatives and QAMA General Manager, with Honorable M. Bellemare, the matter was again debated and a mutually acceptable phraseology was proposed and tentatively agreed.

Again, in the field of Workmen's Compensation, meetings were held with Dr. B. Bellemare to review the matter of aggravation of an incapacity and to determine W.C.C. Policy - Case of R. Gourde, Flintkote Company. The rule is that where an injured employee, already incapacitated with the loss of one eye (16% or 18%) is rehired and later loses the other eye, he becomes 100% disabled.

However, in the case of the second eye, the Company is charged with the equivalent of the lost of one eye (16% or 18%) , and the balance (100% - 32% or 36% = 68% or 64%) is charged to the Workmen's Compensation General Fund, to which all employeers contribute.

The Mine Rescue Safety Competition was held in Thetford-Mines on Saturday, May 27; 8 teams participated and the competition was won by the team from Bell Asbestos Mines. Congratulations extended to the company for their successful performance.

Traffic Committee

The Chairman was pleased to advise that the Q.A.M.A. Traffic Committee met on May 16th and agreed to re-submit to the Canadian Railroads the proposal for the establishment of 120,000 lbs. rates to Official Territory.

It was reported that two of the major lines in the River Plate & Brazil Conference had resigned from the Conference and were offering non-conference service to that area. The Traffic Committee agreed that in the light of probable retaliatory action on the part of the flag lines in the Conference that we would have to stay with the Conference at least until the situation was clarified.

The Russians are offering a non-conference service to the Mediterranean this year, which members will probably use.

The Chairman of the Committee reported on the current situation in the U.K. with respect to the handling of asbestos at various ports, and in particular London, where it was advised that the dock workers have stipulated that

"from Monday 31st July 1967, unless Asbestos previously transported in bags, is packed in Dustproof Containers, or where Asbestos has been taken out at another Port, but loose remains on other cargo, not to handle that cargo, or this commodity."

The asbestos importers group in the U.K. is going to continue to try and persuade the dock workers that asbestos in laminated jute bags is safe to handle and that dustproof containers are not required.

It seems likely, however, that if members are to ship to the U.K. (at least to London) that shipments will have to be either in containers or in palletized cardboard covered unit loads, as developed by the Unitization Sub-Committee of the Technical Committee, and that regardless of the type of the "container" that jute laminated bags will have to be used.

Legislation and Taxation Committee

The presentation of the joint brief to the Prime Minister on the Bélanger Commission has again been delayed.

The Quebec Metal Mining Association has suggested that this brief might be revised in the light of the Carter Commission

report, but it is the opinion of our Committee that this is not necessary or advisable.

Similarly the Q.M.M.A. are considering the preparation of a brief to the Provincial Government on the effects of the Carter Commission, but again our Committee feels that this is a useless exercise and that the Quebec Government is well aware of the implications of the report on the resources industry of the Province.

Attention was drawn to the amendments to be made to the Quebec Corporations Tax Act (Bill 57) and the Provincial Income Tax Act (Bill 56).

Public Relations Committee

The new centennial asbestos booklet is going to press this week.

The Expo asbestos pamphlet has been distributed at the Quebec Pavilion as well as the Esso Expo Information Centres.

Arrangements are being made to have a plaque placed at the Asbestos Plaza at Expo, and to change the location of the sign.

It was agreed that the Public Relations Committee should study the possibility of preparing some programme designed to inform our employees of the serious effects of the Carter Commission recommendations on the mining industry and their jobs.

Occupational and Environmental Health Committee

Revisions to by-laws to be forwarded to Counsel for his review and finalized text to be submitted for approval at next meeting. Meanwhile, the Scientific Committee has asked three doctors to attempt to define "what is the problem" concerning occupational and environmental health in the asbestos industry. In such

a question, an orderly approach is needed. The doctors have held two meetings so far and it is believed that an other one is necessary before an answer could be finalized.

Antigua Conference - Twelve doctors out of twenty-three invited have replied so far. It might be deemed advisable to send a few additional invitations in order to have at the meeting the experts called for by the program. This might involve an additional expenditure. An agenda divided into three phases and assigned to three moderators is being prepared.

In reply to the question raised by Counsel as to possible collaboration from industry concerning doctor Selikoff's search to make asbestos impermeable to health hazards, it was pointed out that this would be in effect admitting that asbestos is actually noxious to which counsel stated that no such admission (it had been agreed between Dr. Selikoff and Counsel) would be assumed.

Dust Abatement Committee

The Chairman stated that first reading had been given in the Federal House to Bill C-25, which calls for the establishment of a National Pollution Abatement Code and National Standards for analytical techniques.

The Committee will soon be in a position to experiment with the three practical dust abatement methods now available;

A dry filtration unit is being designed

A wet filtration unit is being installed

A firm proposal to set up an electric precipitation unit has been submitted by the Precipitation Company of Canada Limited.

New Business

Provincial Mines Ministers Conference - This conference will be held in Regina, September 17-20, 1967, and members are asked to propose subjects which might be included in the agenda of the meeting.

Ontario Mining Association, Annual Meeting - This meeting is scheduled for June 19-21, 1967 at Muskoka Lake and the Directors of the Association are cordially invited.

Mexican Visit - The mission is made up of 5 persons from industry and government in Mexico and is scheduled to visit the asbestos operations in the latter half of September 1967. The General Manager has been delegated to coordinate the trip with Mr. Mulvihill of the Federal Department of Trade & Commerce.

Treasurer

1. It was reported that the Bank of Montreal had recently opened a branch on the campus of the University of Sherbrooke and therefore it was felt that it would be more convenient to have the Association's Sherbrooke account at that Branch rather than at the King and Bryant Streets Branch of the Canadian Imperial Bank of Commerce where it is presently located.

On motion duly seconded, it was therefore unanimously resolved that:

WHEREAS the Bank of Montreal has opened a branch at the University of Sherbrooke, Sherbrooke, Que.;

AND WHEREAS it was deemed expedient for the transaction of its business that the Association's Sherbrooke Bank Account be located at the said Branch of the Bank of Montreal;

BE IT THEREFORE RESOLVED:

THAT the Treasurer of the Association be and he is hereby authorized to open a current account at the University of Sherbrooke Branch of the Bank of Montreal;

THAT any one of the following officers of the Association be and they are hereby authorized to sign cheques drawn on the said account, namely:

- 1) The President;
- 2) The General Manager and Secretary;
- 3) The Treasurer;
- 4) The Director of the Association's Testing Research Laboratory at the University of Sherbrooke;

THAT the Treasurer be and he is hereby authorized to complete and sign on behalf of the Association the usual forms required by the Bank for the opening and conducting of the said account;

AND THAT consequently, the present Bank account located at the King and Bryant Streets Branch of the Canadian Imperial Bank of Commerce be closed.

2. In view of the changes in the Executive of the Asbestos Corporation Limited, it was deemed expedient to amend the list of Officers who are authorized to sign cheques, etc. drawn on the Association's Bank account with the Royal Bank of Canada, Thetford Mines Branch.

On motion duly seconded, it was therefore unanimously resolved:

THAT, effective immediately, the name of Mr. H.W. FOSTER be added to the list of Officers who are authorized to sign cheques, etc. on behalf of the Association and drawn on the Association's Bank account with the Royal Bank of Canada, Thetford Mines Branch, and that the name of Mr. Peter H. Riordon be deleted therefrom.

3. The Meeting was advised that the Association appeared as beneficiary under the insurance policies taken out on the life of Paul-A. Filteau, and, wishing to have this changed, on motion duly seconded, it was unanimously resolved that:

WHEREAS under date of September 10th, 1963, The Manufacturers Life Insurance Company issued Policy No. 1,747,546 for \$24,000.00 and Policy No. 1,747,547 for \$6,000.00 on the life of Paul A. Filteau, General Manager and Secretary of the Association;

WHEREAS the Quebec Asbestos Mining Association was named the beneficiary of the said two policies;

AND WHEREAS it is deemed expedient to change the beneficiary of the said policies;

BE IT THEREFORE RESOLVED:

THAT The Manufacturers Life Insurance Company be hereby requested and authorized to change the name of the beneficiary of their Policy No. 1,747,546 and of their Policy No. 1,747,547, (which policies were issued on the life of Paul A. Filteau, General Manager and Secretary of this Association, under date of September 10th, 1963) by deleting the name of the " QUEBEC ASBESTOS MINING ASSOCIATION" and substitute in its place "LEGAL HEIRS" of the Insured;

AND THAT the Treasurer be and he is hereby authorized to take the necessary steps with the Insurance Company to give effect to this Resolution and to sign on behalf of the Association all documents pertaining thereto.

4. Approval is being requested for an amount of \$699.56 as an addition to Dr. McDonald's budget; this amount covers office facilities provided for the Doctor McDonald's personel at the Thetford Clinic. To be granted, if present funds are insufficient.
5. The books of the Association have been audited and copies of report will be sent to Directors.

Next Meeting

It was agreed that no regular meeting will be held prior to the Special Summer Meeting at Le Manoir Richelieu from August 9 to 12, next. With respect to the latter meeting it was decided to invite the President and the Secretary of the Quebec Metal Mining Association, as special guests.

Adjournment

There being no further business, the meeting was formally terminated.

The Deputy-minister of Labour, Mr. Donat Quimper was guest of the Association for luncheon following the meeting.

Paul A. Filteau,
Secretary
&
General Manager.

MINUTES OF THE SPECIAL MEETING OF THE QUEBEC ASBESTOS
MINING ASSOCIATION, HELD ON THURSDAY, AUGUST 10th, 1967
AT THE MANOIR RICHELIEU, MURRAY BAY, QUEBEC

Present:

Messrs. M.J. Messel	M.P. Carson	Dr. P. Pelnar
W.W. Oughtred	D.T. Colton	L. Piuze
R.S. Coleman	Y. Couture	D. Poirier
K.V. Lindell	R. Dodds-Hebron	P.H. Riordon
J.A. Main	J.W. Duncan	G.C. Scowcroft
R.J. Merrill	J.O. Eby	Dr. G.W. Wright
P.A. Meyer	W.H. Foster	G. Robinson
F.P. Smith	R.P. Gagnon	I. Sabourin
R.D. Bradford	N.W. Hendry	Paul A. Filteau
I.C. Campbell	L.G. Langlois	

Occupational and Environmental Health Committee

The President Mr. Messel, invited K.V. Lindell, Chairman of the Occupational and Environmental Health Committee to lead the discussion. After a few words of introduction, Mr. Lindell asked Dr. G.W. Wright to review the work of the Scientific Committee during the past year.

Dr. Wright repeated that there is definitely a threat of clear-cut evidence of lung cancer associated with asbestos fibre. This fact has led to the development of the Institute of Occupational and Environmental Health in order to cope with

the problems involved. Within the Institute, there is a Scientific Committee which has over the past year developed new information on the subject, with the aim to advise on how to utilize asbestos fibre without danger to health. The members of the Scientific Committee and their reputation are well known; they are: Dr. Fernand Grégoire, Dr. Marvin Kuschner, Dr. Daniel Braun, Dr. Paul Kotin, Dr. John Beattie, Dr. Geo.W. Wright, Dr. P. Pelnar, Secretary.

With respect to significant publications issued last year on the problem, it can be said that the information given is rather directional and not quantitative. Three of these papers are of special interest.

1. One by Dr. Enterline, which shows that there are excessive deaths among the asbestos textile population.
2. The second one is a follow-up by Dr. Selikoff on asbestos exposure, smoking and neoplasia. This study points to the relationship between the two factors in lung cancer - Cocarcinogenesis. This leads to scare-articles, such as that which appeared about Expo.
3. A third one by Dr. Cralley suggests that trace-metals incorporated with fibres may be the cause of cancer.

There is a need and the Scientific Committee is looking for reliable data other than that provided by a study of a group of insulation workers. The epidemiological survey of Dr. McDonald is a good case with chrysotile fibre, and the kind of study required with well defined exposures. Dr. McDonald also proposes to study the incidence of mesothelioma in Canada.

More studies, especially prospective studies, are badly needed and interest in that type of work must be generated. Information is also lacking on the basic chemical and biological action of asbestos on the body; work in this field must be promoted.

At this point, Dr. Wright tabled the proposed agenda for the second Antigua Conference. The agenda is divided into four (4) parts:

1. Characterization and control of environmental exposure.
2. Interaction between asbestos and biological system.
3. Disease in man (epidemiology)
4. Report from various countries.

So far, appreciable information have been collected under the supervision of Dr. Pelnar in the Montreal Office. Any request for information to be directed to this Office.

Q.A.M.A. is also fortunate to have Messrs. Lindell and Sabourin on the Executive Committee, to discuss and stimulate the thinking of the members of the Scientific Committee, particularly vis-à-vis the work of Dr. Selikoff, who has been a healthy nemesis.

The President having expressed sincere thanks to Dr. Wright, the Chairman of the Committee then submitted two additional lists of guests recommended to participate in the

Antigua Conference. The participation of this group will involve an additional expense of \$35,000.00. The Chairman moved that such an amount (less any sums than can be recovered from the regular budgets) be approved as to complete the invitations and program of the proposed Antigua Conference.

ADOPTED.

The Secretary of the Executive Committee was asked to report and did so by distributing a detailed report covering meetings of the Scientific Committee, various Scientific Symposia specimens of current papers and information on environmental research laboratory.

The question was raised as to the recent bad publicity concerning asbestos and health. Not only has Dr. Selikoff's latest paper been given wide publicity across Canada concerning the alleged relationship between smoking, asbestos lung cancer, but the Financial Post recently had an article on asbestos insulation in British railway coaches which seems almost actionable.

The Public Relations Committee is of the opinion that the time has come for us to produce some rebuttal, and is anxious to meet with the Scientific Committee of the Occupational and Environmental Health Committee with a view to discussing the possibilities of providing some counter propaganda, as agreed at the Jasper meeting last Summer.

It was stated by the Chairman that it was not possible at this time to produce any counter-publicity, such as suggested by the Public Relations Committee, since sufficient scientific data is not yet available. However should any company wish to issue pertinent information, it could very well use some of the publicity recently released in England. To this effect, copies of said releases will be distributed to all members for the use of their individual company.

Effects of the Carter Report on the Mining Industry

At a joint meeting of the QMMA and QAMA Taxation Committee, it was agreed that some representations should be made to the Provincial Government as to the effects of the Carter Commission Recommendations insofar as they concern the mining industry. The mechanics of making such representations were discussed and it was suggested that there were two (2) ways of doing this.

- a) Write directly to the Prime Minister offering to make such representations if he so wished, either to him directly or to the Committee, which we understand has been set up to study the effects of the Carter Commission Report on Quebec, or
- b) Talk to the Minister of Finance, Mr. Dozois, at the time of presenting the brief on the Bélanger Commission making the same offer.

In the meantime members are to review the preliminary draft of the brief to the Mining Association of Canada to the Federal Government with a view to including a copy of it with any representations made to Quebec with our endorsement and together with any supporting evidence which would be available with particular reference to the Province of Quebec.

It was felt that similar factors apply in considering whether the Quebec Mining Association should also make representations to Ottawa, bearing in mind that there is very little time available.

Effectively, a draft letter has been prepared by the Secretary of the Taxation Committee, Mr. Victor St-Onge, covering several aspects of the Carter Report, said letter to be addressed to the Prime Minister of this Province. This letter stresses the economic contribution of the mining industry to Quebec, through employment, tax assessments, support to secondary industry etc. Cases of doubtful mining projects as a result of the Carter Recommendations would be pointed out, as well as the importance of mining incentives in determining the economics when the decision must be made to develop or not a newly discovered orebody.

Since the meeting of the Taxation Committee, Quebec Cartier Mining Company offered copies of a typical letter to suppliers in which it requested their support in opposing the recommendations of the Carter Commission with respect to the mining industry, since suppliers would be indirectly affected by any change in the tax burden of the mining industry.

Special Winter Meeting

Dates suggested are the first part of the fourth (4th) week of January or March, preferably March. The place could be:

1. The Hilton Head Hotel
2. Grand Bahama Club
3. Santa Barbara Biltmore

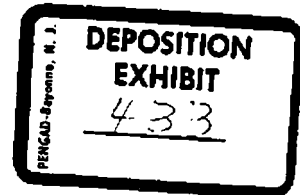
Next Regular Meeting

The next regular meeting of the Association will be held on October 16, 1967, in Quebec City.

Adjournment

There being no further business, the meeting is formally adjourned.

Paul A. Filteau,
Secretary
&
General Manager.



MINUTES OF THE SPECIAL MEETING
OF THE QUEBEC ASBESTOS MINING ASSOCIATION
HELD ON MARCH 28 AND 29, 1968,
AT THE GRAND BAHAMA HOTEL AND COUNTRY CLUB, G.B.

THURSDAY, MARCH 28

Present:

Messrs. W.W. Doughtred	M.P. Carson	J.R.M. Hutcheson
K.V. Lindell	D.T. Colton	J.A. D. Marcotte
J.A. Main	Y. Couture	R.N. Moore
R.J. Merrill	R. Dodds-Hebron	A.L. Penhale
M.J. Messel	J.W. Duncan	L. Piuze
P.A. Meyer	J.D. Eby	D. Poutiatine
F.P. Smith	A.R. Fisher	G.W. Smith
A.H. Bagenstose	W.H. Foster	G. Robinson
R.D. Bradford	G.G. Gabrielson	I. Sabourin
C.B. Burnett	R.P. Gagnon	Paul-A. Filteau
I.C. Campbell	N.W. Hendry	

The President Mr. W.W. Doughtred expressed words of welcome to Grand Bahama to members and guests and more specifically to Messrs. Fisher, Marcotte, Moore and Bagenstose.

Minutes of the meeting of January the 15th were adopted.

TECHNICAL COMMITTEE

Two meetings of this committee have been held since the last special meeting.

1. The first point submitted by the Chairman was the Penetration Index Test which has been three years in development. A measure of the amenability of a sample of asbestos fibre to absorb oil is measured by this procedure by the ease of a ball to descend through a mixture of oil and fibre. On a motion duly seconded, the test procedure was adopted by the Directors.
 2. To the request by the Directors for a scale of rates for drawings of apparatus, developed by Q.A.M.A. member companies, divergent views were expressed by the committee members. After a brief discussion, it was moved that there be no charge for said drawings. Adopted.
 3. When the sampling procedure was tried by all parties (vendor and buyer) it was found inconvenient. A large pile of bags in storage could not be sampled without moving all the bags at an expense. To cover this condition a less rigorous method has been added to the procedure. There is however emphasis that for referee purposes, the original procedure be used.
- This Committee wishes to suggest the additional method stay with the Q.A.M.A. and not go to A.S.T.M. or other associations.
4. The suggestion that the Manual of Testing Procedures be translated into French was placed before the Directors. It was decided to inquire if Eternit had already made a translation of the Manual (Mr. D. Poutiatine).
 5. After a discussion of the motion regarding the printing of the word "Chrysotile" on fibre bags, motion which was vetoed at the (7th) Copant Meeting, it was
 - "moved that the word "Chrysotile be printed prominently on all bags going to Pan-American countries. Such printing is optional on bags going to other countries." Adopted

3.

6. In view of the "zero" threshold limit placed on crocidolite dust exposure in Great Britain, it is deemed advisable that some words of caution be printed on fibre bags to release the producers from possible legal responsibility. Industry knows that it handles a hazardous material and the suggestion seems to meet with favorable consensus. The wording proposed is as follows:

"THIS PRODUCT CONTAINS ASBESTOS. INHALATION OF ASBESTOS DUST OVER LONG PERIODS MAY BE HARMFUL. EMPLOYEES EXPOSED TO DUST DURING USE IN APPLICATION SHOULD BE EQUIPPED WITH ADEQUATE PERSONAL PROTECTIVE DEVICES".

The above to be checked by member company counsels and reviewed at the next meeting.

UNIFORM CLASSIFICATION AND GRADING COMMITTEE

1. Sherbrooke Laboratory

The purchase of equipment to carry out measuring of fibre length and diameters, using the method developed by the Department of Mines, will be completed by April 1st. Cost of equipment will be \$1,740.00. Two girls will be required to carry out the counting and measuring. (Included in 1968 budget.)

2. Fibre Inspector

An increase in salary for the Fibre Inspector from \$719.00 per month to \$754.00 per month, effective January 1, 1968 is proposed. This coincides with 1968 budget and with salary increases by Asbestos Corporation Limited. Adopted.

ENCLOSURE
38 - 83
.../4

Some misunderstandings in regards to Q.S. Sampling were settled at a Committee meeting on March 7. These were: -

(a) Experimental grades are to be sampled with the understanding that only a Q.S. test is to be performed.

(b) Only J.M. 4T-30 is to be hand pressed three times before conditioning, as normal, in the Asbestos Fibre Conditioner.

3. The purpose for reporting individual grades and tonnages of 7 Group fibres, on the "Monthly Shipping Report" made by all companies each month, was explained. It was shown that such detailed reporting eliminated a great many questions.

INDUSTRIAL RELATIONS COMMITTEE

As reported by the Chairman, the report on Bausch and Lomb Dust Counter indicates that the November correlation tests were excellent, but that the January tests show very poor results. The machine has been returned for a check-up to the manufacturer. It may be that cold and humidity affect the results.

It is proposed to circulate to members of the committee various articles on the medical problem.

The noise surveys are continuing and the engineer is encouraged by the corrective steps. He suggests that we take further action on high frequency noises.

PRODUCED
JM/583

Moved that an increase in salary from \$800./mo. to \$850./mo. as of May 1, 1968, be granted to our Dust and Noise Engineer.

Adopted.

To replace the services formerly provided by Hall and Henshaw, it is moved that a safety engineer be hired on the staff of Q.A.M.A. Adopted.

As to Workmen's Compensation rates, you will be pleased to note that the mutual has dropped from 80¢ to 40¢ and changed from a deficit to a surplus of \$262,000. We are in a much better position, and possibly the mutual should be reduced next year.

The Provincial Labour Department and the Workmen's Compensation Commission, as a result of renewed representations from the Steelworkers Union, are again building pressure on industry in favor of a provincial accident prevention commission. A meeting of industrial accident prevention associations was called recently by the Minister of Labour for the object of discussing the future of said associations and the role of an eventual "Accident Prevention Commission.", a new Board which the Workmen's Compensation proposes and wishes the Government to establish.

The department claims that the regrouping of all inspection services under one head, would eliminate duplication of investigations, reports and time consuming discussions with employers. On the other hand, it was pointed out that the present quality of Mine Inspection Services could be diluted as a result of integration with other groups of inspectors and their loss of contact with the Department of Natural Resources. The latest news is that the Government is going ahead with the project.

PRODUCED
JL - 83
.../6

The report from Dr. Letendre on the subject of a "Provincial Mining Fund" will soon be forwarded to all members. It is encouraging. He considers the federal regulations cover all angles except severance pay.

The General Manager reported on the suggestion of Q.M.M.A. as to the possibility of an employer's group in Class 5 for W.C.C. submissions. There is some merit in this suggestion. The matter to be reviewed at a future meeting.

Labor negotiations at locations concerned are progressing somewhat slowly. Unions are seeking a one-year contract and looking towards eventual industry-wide bargaining.

TRAFFIC COMMITTEE

A. Ocean Rates

The Traffic Committee has been very active in the past few months endeavouring to settle rates for the ocean carriage of asbestos in the major trading areas for the coming season and several meetings have taken place.

Our efforts have been complicated by the stevedoring situation which exists at St. Lawrence River Ports where there was no labour contract and the prospects for a reasonable solution before the opening of navigation were doubtful. An agreement has fortunately been signed on March 26.

As of the time of writing, increases had been negotiated with the following conferences for the period April 1, 1968 - March 31, 1969:

ENCLOSURE
.../7

- (1) Canada UK Conference - \$1.25 plus emergency surcharge if warranted;
- (2) Canada - Baltic Conference - as for U.K.;
- (3) Canada - Australia-New Zealand Conference - \$1.75 plus emergency surcharge if warranted.

Negotiations with the Canada Continental Conference have been protracted and difficult and it seems doubtful whether any settlement can be reached with them for less than \$2.00 per ton accompanied by some deterioration in service, particularly to France.

B. Inland Rates

The agreed charge rate to St. Lawrence River Ports was due to expire on March 31st, but by taking a firm stand the committee was successful in renewing on behalf of Q.A.M.A. the agreement for a period of one more year without any increase in the rate.

In anticipation of the shut down of St. Lawrence River Ports, a reduction in the rail rate of \$2.10 per ton to Halifax and St. John has been negotiated with both the CNR and CPR on a temporary emergency basis.

The question of the establishment of 120,000 lb. rates to Official Territory is being carried on our agenda, until a comparable proposal emanating from Canadian west coast origins has been approved.

LEGISLATION AND TAXATION COMMITTEE

The Chairman stressed that taxes were going up faster than profits.

A 3% surcharge on corporation profits as part of the Federal Government's new tax measures will become effective April 1. As of this date also, the personal income tax surcharge of 5% in force since January 1, will drop to 3%.

The Provincial Government has made known March 27 in submitting its 1968 budget that a 6% personal income tax surcharge was to be made retroactive to January 1 and that the tax on gasoline and Diesel Oil were being increased by 3 cents as of March 28.

PUBLIC RELATIONS COMMITTEE

The Chairman tabled the report submitted by the Association's PR Counsel. The President then briefly reviewed the main points, as follows:

- a) The inference that anti-separatist movements tentatively sponsored by business are to be led by French-speaking elements merely as a front, is unfounded.
- b) Increased automation may cause the unions to demand guaranteed annual wages.
- c) Premier Johnson might try to be more friendly with labour, should Trudeau and Marchand become the leaders in Ottawa; as a result industry could be affected.
- d) "The Producer" has been refreshed in appearance and content, with copy prepared by a French-language reporter.
- e) The work of the Institute of Occupational and Environmental Health should be made known with more diligence and so before the information is disseminated from outside sources.

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DUST ABATEMENT COMMITTEE

Reporting on progress to-date, the chairman stated that:

1. Roto-Clone Scrubber under test at C.J-M. should reduce to a tolerable level, the corrosion problems encountered with the conventional mild steel rotor.
2. The cloth collector is being installed at C.J-M. with completion scheduled for May 1st.
3. The new drying unit at C.J-M. will be equipped with either the Roto-Clone or the Wheelabrator dust collecting unit, depending on results of the current tests.
4. The Krebs cyclone for possible use in de-watering the Roto-Clone slimes has been investigated, and cannot be recommended as a solution to this recovery problem.
5. At Asbestos Corporation Limited a definite proposal for a 120,000 cfm electrostatic precipitation plant is under serious study. A 95% efficiency is guaranteed.
6. In order to inform members of new dust control improvements completed in certain plants, it was moved that the reports of surveys which the Dust Control Engineer submits periodically to individual member companies be circulated to all companies. Adopted.

PHOTOGRAPH
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NEW BUSINESS1. By-Law No. 8

A By-Law to modify By-Law No. 7 governing the Trust Agreement
concerning a Staff Pension Plan

WHEREAS By-Law Number 6, being a by-law governing the
 "Trust Agreement Concerning a Staff Pension Plan" was enacted
 on the 28th day of October 1963 and was modified by By-Law
 No. 7, enacted on the 12th day of December 1966;

AND WHEREAS the provisions of the said By-Law Number
 7 dealing with the "Termination of Service" requires to be
 further amended in order to conform with the Quebec Supplemental
 Pension Plans Act;

NOW THEREFORE BE IT ENACTED AND IT IS HEREBY ENACTED
 as By-Law Number 8 of the Association as follows:

THAT the words "Notwithstanding the provisions
 of sub-paragraph (c) above, it is provided that..."
 be deleted at the commencement of the last paragraph
 of Section 2 of the said By-Law Number 7 and that
 the following words be substituted therefor:

"Notwithstanding any provision in this Plan,
 it is provided that..."

Adopted.

2. CIM Annual Meeting in Vancouver, B.C.

As in past years, it was proposed that the Association contribute
 to the financing of social events of the meeting in the amount
 of \$500.00.

Adopted. *PRODUCED*
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GENERAL BUSINESS CONDITIONS

The economic situation is confused. In many cases, ratio of earnings to sales will likely be lower in 1968. Housing starts expected to be lower (1,350,000) than originally estimated.

Labour agreements are proving more expensive.

Fortunately, certain sectors are enjoying good business. It is to be hoped the U.S. will de-escalate in Vietnam, which would help balance the budget and stimulate the construction industry. Presently there is a shortage of mortgage financing. If war in Vietnam continues, there might be some severe belt tightening.

In Canada, the situation is somewhat parallel. Productivity is not increasing. In spite of the difficult fiscal problems, federal and provincial governments are not curtailing expenditures. It is hoped that the new Prime Minister will give strong leadership to the country.

REVISED DATES AND LOCATIONS OF MEETINGS

Following a poll of the members, it has been agreed to hold the meetings on a Tuesday instead of Monday. Consequently, the dates of the 1968 regular meetings are as follows:

May 28, July 30 and November 26, 1968.

N.B.- Date of May 28 subsequently changed to May 31.

The meetings will be held at the Bonaventure Hotel in Montreal.

Due to lack of space at the Seignior Club on dates requested, space has been reserved at the Castle Harbour Hotel, Bermuda from September 19 to 22 next.

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The 1969 Winter Meeting is to be moved back to April 16-19, 1969. Location is again Bermuda.

A tentative schedule of future special meetings to be prepared for the next two or three years by the General Manager.

P.H. RIORDON

In a unanimous motion, it was proposed that the General Manager convey to Mr. Riordon the best wishes of all for his prompt recovery and his resumption of usual activities in due course. The group is sorry he could not attend the meeting.

ADJOURNMENT

There being no further business, the meeting was terminated.

Paul-A. Filteau,
General Manager
&
Secretary.

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SPECIAL MEETING

GRAND BAHAMA HOTEL AND COUNTRY CLUB, G.B.

FRIDAY, MARCH 29, 1968

Dr. Wright attended the meeting as Chairman of the Scientific Committee of the Institute of Occupational and Environmental Health.

INSTITUTE OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH

At the invitation of the President of the Association, the Chairman of the Committee reviewed briefly the activities of the Institute since the last special meeting. First, a progress report on the epidemiological study of asbestos mine workers was submitted by Dr. McDonald in February. This report indicates that the work is somewhat ahead of schedule with the result that some funds may have to be advanced ahead of budget.

As regards the Antigua Conference, there were 37 doctors and 7 G.A.M.A. people in attendance. Total expenditures to date \$65,000.00 as against a budget of \$85,000.00. The charges for the printing of the proceedings of the Conference are still to come.

Johns-Manville has prepared a position paper on Asbestos and Human Health, copies of which have been distributed to every company.

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The Chairman then asked Counsel to report on his activities, especially on his efforts concerning Bills HR-14816 and S-2864 which are before the House and Senate Committee on Labour and Public Welfare of the United States. The meeting was informed that Dr. Selikoff appeared before this committee and used rather strong language concerning the health of workers in the asbestos industry, statements which may well be misleading and inviting misinterpretation if not considerable exaggeration.

Counsel was happy to point out that he had been visiting with Dr. Selikoff on several occasions and felt that the latter had however a genuine desire to get to the core of the problem and in that connection to work more closely with us. Dr. Selikoff has quite a front to cope with. He feels he sometimes is the center of attacks from industry. As a result of his work with insulation workers (18,000), he is in demand in many circles, and such circles demand more action on his part. J.M. research people meet regularly with Dr. Selikoff's team.

Following a phone call from Dr. Selikoff, Counsel accompanied him when the latter (Dr. Selikoff) appeared before the House Committee on Labour, on Bill HR-14816 tabled by secretary Wirtz. This visit to Washington was supposed to be an "impromptu" affair, but Dr. Selikoff had however a well prepared statement. Several questions were asked and some damaging comments resulted.

In view of this, Counsel had found the situation to be pressing and that something should be done in Washington. He had contacted Mr. O'Hara, Chairman of the Committee, and explained his position with

the asbestos industry, suggesting that the industry had a wealth of information which should be considered by the Committee. It was therefore agreed that, time permitting, Counsel would be heard, and if not, that he should present a written submission.

As a matter of fact, time was not available. Counsel's presentation was nevertheless made to the Congress Committee. The text of the presentation will be distributed at the next meeting.

In turn, the Chairman of the Scientific Committee was invited to address the meeting.

Dr. Wright reported on the progress of the Scientific Committee which held its 6th meeting in February. At this meeting the progress of Dr. McDonald's project was reviewed and discussed. It is considered that the work accomplished is highly commendable and deserves full support. It should be pointed out that this study may provide early information on the people living in the asbestos mining environment.

X-Ray film reading sessions were held to establish a unified classification and recording of asbestosis on an international basis. The work was conducted by an international committee of doctors who attempted to define and agree on their interpretation of the radiological appearance of a group of chest films of asbestos employees. A final meeting is to be held in London, England, just

before the Dresden Conference in April. A report on the methodology will then be released; this is an accomplishment to be sure. Dr. McDonald will also report on his epidemiological survey at the Dresden Meeting. His study of Primary Malignant Tumours of the Pleura or Peritonium is already in progress.

Dr. Wright explained that it is sometimes cheaper to have certain research projects carried out by competent people in other countries, because of certain specific conditions and facilities. In this regard, the Association is supporting projects of Dr. Vigliani and Dr. Pernis; the Committee also proposes to recommend support of a study on a group of shipyard workers in Halifax, Nova Scotia and a study of Dr. Dumont of the University of Montreal.

In the U.S.A. there is a committee of industrial hygienists whose main function is to determine standards controlling noxious agents. This service determines maximum allowable concentrations. The Committee has potent legal standing in theory, but not in practice. It was emphasized that adequate information is not always available to this Committee; for instance, standards for the asbestos industry are not up-to-date.

As a result of the evidence as to crocidolite being a cause of mesothelioma, strong pressure has been exerted, specially in Great Britain (Dr. Roach), to replace crocidolite in the manufacture of products wherever possible. Crocidolite, however, should not be singled out. The three types of asbestos are in the same boat. The situation in the case of crocidolite comes from the experience in South Africa and Great Britain. In the U.S.A. Dr. Selikoff has reported a high incidence of mesothelioma among insulation workers, using in their trade both amosite and chrysotile. This could mean

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that the exclusion of amosite and chrysotile might be asked at some future date. One cannot ignore that with proper circumstances the same fibrogenesis and malignancy apply to amosite and chrysotile. These findings have been reported by Dr. John Knox in Textile Plants in Great Britain. Dr. McDonald's study will show the actual situation in the asbestos operations in Quebec.

In view of these findings, what are the possible options?

- a) No fibre could be used.
- b) Customers may decide to use something else.
- c) Alter the fibre to a point where it is still saleable, but not injurious.
- d) Like in the beryllium industry, to contain the material; this is possible but highly improbable, due to the large utilisation of fibre.
- e) To learn the maximum allowable concentration which is safe for the working man and the public. In Great Britain, this has been set at 2 particles (fibres) per cubic centimeter.

The Scientific Committee plans to make an analysis of the last option in a systematic way. The Committee has undertaken a survey of areas where research should be done in the field of asbestos and health and the estimates of funds needed in each area. There are 4 major areas:

- 1) Studies dealing with the maximum allowable dust concentration in the environment of man.
- 2) Studies dealing with the determinants and mechanisms in the biological action of asbestos fibres, in order to interrupt the process.

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- 3) Studies dealing with the reducing of the concentration and numbers of inhaled asbestos fibres.
- 4) Studies dealing with the development and evaluation of methods used in the preceding considerations.

The engineering problems (area No.3) should be handled by industry itself. The danger however is that the job will be given to people having already other assignments.

The second area would be partly supported by scientists. The cost of an intelligent program could amount to some \$500,000.00 a year for an unknown number of years.

The first area may last ten to fifteen years. Presently, there are studies being conducted by Dr. McDonald, Dr. Vigliani and Dr. Pernis. In order to cover manufacturing operations in Quebec, the budget should be set at \$110,000.00 instead of \$80,000.00 over the next two years.

There is very little information to talk of in the manufacturing of asbestos products. It seems that the industry will have to go ahead and conduct studies on textile, asbestos-cement, tile, roofing, etc., product manufacturing. To this end, one needs a population with 20 to 25 years of exposure and some competent scientists nearby. In the New Orleans area, the cost of such a study would run at \$100,000.00 to \$110,000.00 for two years, and a little less for the next year. At Manville, New Jersey, the cost would be \$125,000.00 per year. The cost of studies in the first area would, therefore, amount of \$800,000.00 per year.

The survey of desired information compiled by the Institute of Occupational and Environmental Health proposes a systematic program for studying the problem in such a way as to provide the necessary data for the purposes set forth above. It is obvious that the areas are inter-related and that there is some overlapping and reduplication. There is nothing that has not been expressed before, but it seems that a useful purpose might be served if the areas for study are recorded so that memories can be constantly refreshed and none of the important factors overlooked. Just how this material will be used is not entirely clear at the moment. It can act as a scaffolding upon which enlisted research can be structured. It may assist in minimizing overlap and reduplication. It is hoped that it may assist those who are designing pertinent studies to include the necessary components. It may also help to indicate the areas of study which would be the most productive in terms of a speedy development of safeguards. It should give an understanding of the size of the problem and hence avoid the staging of inadequate attacks. The outline proposed may assist in developing an orderly approach and reduce the chance that efforts will be dissipated by popular interests. It is apparent, too, from such an outline that the several major avenues can be worked upon simultaneously and each component will benefit by integration of effort.

One may wonder why there has been a delay in the development of safe practices for using asbestos since its potential for fibrogenesis has been known for fifty years and the suspicion that it might play a role in neoplasia dates back to 1935. A paucity of knowledge has been and continues to be the major deterrent for the development of reliable and adequate safeguards. This in turn can be traced to several factors to which attention must be directed if the goal of safe utilization of the fiber is to be achieved.

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The lack of study methods possessing sufficient reliability to convince all concerned has been a major deterrent to which considerable but still inadequate attention currently is being directed. A paucity of adequately trained persons willing to devote their energies to the problem is a second major deterrent. Equally at fault is the lack of opportunity for study and insufficient funds for that purpose characteristic of past years. There is no reason to expect that these problems will disappear and adequate information be obtained spontaneously without directed effort. The industries involved, the workers with their organizations and the government regulating agencies either directly or indirectly might be expected to provide the opportunities for study and the funds for this purpose. Past experience with government agencies gives little reason to hope that they will mount a sustained effort and it is doubtful that the workers and their organizations can do so on a broad enough scale. This places the burden of developing the necessary information and putting into operation the required safeguards directly in the hands of the industries involved. The time appears to have come for a concerted approach and a vigorous pursuit of the problem.

Following Dr. Wright's presentation, it was pointed out by the President that in discussions with people who defended the tobacco industry, he had been told that it had been found advisable not to be carried away by the medical profession. Why not speed up Dr. McDonald's study? Our Association knows of mesothelioma and this study should tell us of the degree of incidence, the President added.

To prevent snowballing of research expenditures, it had originally been foreseen that the cost could be split up three ways:

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\$250,000.to Q.A.M.A.

\$250,000.to Manufacturers.

\$250,000.to Government.

It was agreed that we need a definite program to obtain support of manufacturers and government, and the Q.A.M.A. is the best group to lead the industry in this field. Dr. Wright to submit copy of framework to all companies, so that a recommendation can be made by their advisers. This will also help obtaining support of manufacturers.

The discussions indicated that there was a lack of communication with Directors about the problem, especially as to the escalation of costs (\$1,500,000.00). Possibly the Executive Committee of the Institute could be enlarged so that all Directors could be better advised. Suggestions were made also as to the sharing of expenditures by mining and manufacturing companies.

The Chairman of the Executive Committee explained that several research projects had been submitted recently, a certain number of which had been recommended by the Scientific Committee but not ratified by the Executive Committee. To do so would require an amount of \$50,000.00 over an above current budget of the Institute. Accordingly, it was proposed by the Chairman to increase present budget of Institute from \$249,642.00 to \$300,000.00 (for 1968). This will allow the Executive Committee to study and accept some of the projects submitted.

Adopted.

Dresden Meeting - Due to recent regulations of the U.S. Government, the industry will finance the trip to Dresden of Drs. Mancuso, Enterline, Weylor, McDonald, W. Smith, and Clark Cooper, for a total cost of \$4,280.00. These six doctors are presenting papers at the Conference.

ADJOURNMENT

Their being no further business, the meeting was terminated.

Paul-A. Filteau,
General Manager

&

Secretary.

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