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QUEBEC ASBESTOS MINING ASSOCIATION

PARTS OF TWENTIETH MEETING - TECHNICAL AND RESEARCH COMMITTEE

Asbestos Que.

Sept. 30th, 1961.

PRESENT: Messrs.:	G.F. Jenkins, Chairman,	Asbestos Corporation Limited
	G.F. Brink	" " "
	R.A. Smith	Bell Asbestos Mines Limited
	R. Dodds-Hebron	" " " "
	S. Collier	Coordinator for QAMA, ACPA, AMI.
	J.R. Hutcheson	Canadian Johns-Manville Co. Ltd.,
	W.P. Archer	" " " " "
	V.C. Lindsay	" " " " "
	D.G. Poirier	Flintkote Mines Limited
	G.W. Riley	Johnson's Company Limited
	J.K. Quigley	National Asbestos Mines Limited
	L.J. Montpetit, Secretary,	Nicolet Asbestos Mines Limited
C.C.	C.R. Hutchcroft	Asbestos Textile Institute
	W.A. Heausler	Asbestos Cement Producers Ass'n
	R.M. Woodrooffe	Department of Mines & Tech. Surveys
	R.J. Merrill	Carey Canadian Mines Limited
	L.C. Pluze	Lake Asbestos of Quebec Limited
	F.A. Meyer	Nicolet Industries Inc.,
	P.E. Pelletier	Quebec Department of Mines
	W.H. Soutar	Quebec Asbestos Mining Association

AGENDA:
1.- Minutes of 19th Meeting - June 20th, 1961
2.- Manual of Testing Procedures
3.- Bauer-McNett
   a) Mechanical Cleaning of Screens
   b) Effects of Water Purity
4.- Water Drainage Rate
5.- Oil Absorption
6.- Grit and Spicule Content Determination
7.- Magnetic Rating
8.- Fiberization Characteristics
9.- Potential Index
10.- Dyckerhoff Air Permeability Test
   a) Revisions
   b) Material for Calibrating Standard
11.- Resin Pick-up
12.- New Business
13.- Date of Next Meeting

IT OCCURRED:

1.- The corrected minutes of the 19th meeting were approved by the QAMA.

2.- The Manual of Testing Procedures will now be ready for publication in October. THE QAMA Editing Committee will start its work when drafts are received from Mr. C.S. Hutchcroft.

3.- a) Mr. G.P. Brink presented data to investigate the effect, on Bauer-McNett Test Results, of the modified miniwasher in each tank. For Group 3 fibre, the results of the first tank can be lowered by 10%. Present indications are that reproducibility of results is excellent, but more work will be done before the next meeting.
b) Work is proceeding on the effect of water purity.

4.- The Sub-Committee on Water Drainage Rate presented a tentative method at the nineteenth meeting, using the Johnson's Freeness Tester. The Sub-Committee is now asked to perform further studies on the Sheet Mould methods and recommend both procedures for adoption by the QAMA.

5.- Some data has been obtained on oil absorption and will be presented at the next meeting.

6.- Mr. Dodds-Hebron reported that a series of tests are being performed on the Grit and Spicule Content Determination, to check the accuracy of the test method and reproducibility of results.

7.- For the Magnetic Rating Test, samples of spinning fibre have been exchanged between four interested parties. The A.S.T.M. method is being followed and results will be available for the next meeting.

8.- Mr. G.W. Riley reported on the work done by the Johnson's Company, using the Method for Determining Fiberization Characteristics of Asbestos, as presented by ATI. The ATI air opening device was found inadequate for the determination of fiberization characteristics. Considerable roping occurred after 2-4 minutes. THE QAMA Technical Committee recommends that the method should not be included in the Manual of Testing Procedures.

9.- The Potential Index Test will be dropped from the agenda. The test has lost significance as a measure of fibre openness.

10.-a) Some revisions were made to the QAMA Dyckerhoff Air Permeability Test. The degree of accuracy in the calibration of instrument was improved. Also, for greater accuracy, tests should be performed in a constant temperature and humidity.
b) The Calibrating and Reference Standards obtainable from the Department of Mines and Technical Surveys, Ottawa, Canada, have been distributed to the laboratories of Canadian Johns-Manville Co. Ltd., Carey Canadian Mines Ltd., and Lake Asbestos of Quebec Ltd.

11.- The ATI Tentative Method for Measuring Resin Pickup was studied. The major factors influencing the amount of resin picked up by the fibre are surface area and bulk density.
The method can be an application test for textile manufacturers, but will not be sponsored by QAMA.

12.- The Editing Committee may call a meeting for the consideration of new test methods, sponsored by the Asbestos Textile Institute, for inclusion in the Manual of Testing Procedures.

13.- The Twenty-First meeting of the QAMA Technical and Research Committee will be held on Tuesday, November 14th, 1961, at 10 A.M., at the office of Asbestos Corporation Limited, in Thetford Mines, P.Q.