

QUEBEC ASBESTOS MINING ASSOCIATION

TECHNICAL COMMITTEE

REPORT OF THE FORTY-EIGHTH MEETING

Thetford Mines, Que.
5 July 1966.

PRESENT: R. J. Dodds-Hewson, Chairman Bell Asbestos Mines Limited
G. F. A. Brink Asbestos Corporation Limited
J. Gossante Asbestos Corporation Limited
W. P. Archer Canadian Johns-Manville Co. Limited
V. C. Lindsay " "
A. A. Winer Dept. of Mines & Technical Surveys
J. C. Blais Flintkote Mines Limited
J. P. Wiscr Lake Asbestos of Quebec Limited
R. Gale National Asbestos Mines Limited
P. A. Filteau Quebec Asbestos Mining Association
M. Cossette, Secretary Q.A.M.A. Sherbrooke Laboratory
c.c.: W. B. R. Callan Asbestos Corporation Limited
H. C. Pharo " "
J. P. Wronski Asbestos Textile Institute
J. R. A. Hutcheson Canadian Johns-Manville Co. Limited
Dr. R. J. Merrill Carey Canadian Mines Limited
J. J. Cztuke " "
W. W. Woodrooffe Dept. of Mines & Technical Surveys
D. O. Poirier Flintkote Mines Limited
R. Lefebvre Lake Asbestos of Quebec Limited
L. C. Pluze " "
G. Verreault " "
G. R. Munger Mineral Fiber Products Bureau
P. Bolduc Nicolet Asbestos Mines Limited
J. De Grandpré " "
L. O. Montpetit " "
H. P. Cook Nicolet Industries Limited
J. G. Foy Quebec Dept. of Natural Resources
W. H. Foster Uniform Classification & Grading Committee

- AGENDA:
1. Minutes of the last meeting.
 2. Oil Absorption — Penetration Index
 3. Fibre Strength Unit Test.
 4. Filtration of Asbestos-Cement-Silica Mixes
 5. ASIM Committee D-30 Subcommittee III
 - (a) Surface Area Task Group
 - (b) Wet Classification - T & N Classifier Sieves.
 - (c) Sampling.
 6. Editorial Subcommittee.
 - (a) Surface Area Procedures for A.S.T.M.
 - (b) Central Source for drawings and plans.
 7. Freeness — Members are to report on difficulties encountered.
 8. Q.S. Test Subcommittee — Specifications on 35 mesh screens.
 9. New Business
 10. Date and place of next meeting.

BUSINESS:

1. The minutes of the last meeting were approved.
2. Oil Absorption — Penetration Index. It was reported that the following material had been distributed to all those taking part in the Penetration Index Round Robin:

5 Samples covering the entire range
of Penetration Index

2 Samples of commercially available
asphalt cut back (SC-0 & SC-1)

2 Standard fibre samples

Since some of those taking part in the Round Robin had not yet completed all their work, a discussion of the results was postponed.

3. Fibre Strength Unit Test. It was announced that the Uniform Classification and Grading Committee has requested that the Technical Committee review the Report of Inspection on Strength Unit Test, and to submit recommendations. Accordingly, the S.U. Subcommittee was directed to study the Report and to submit recommendations.

Mention was made of the need to apply a correction to each batch of cement used for the test, but it was felt that this should be left up to the S. U. Subcommittee.

4. Filtration of Asbestos-Cement-Silica Mixes: It was stated that the work reported underway at the last meeting had been completed. It was decided to postpone deliberation on the results in view of the absence of Mr. R. Lefebvre who has been closely associated with this study.

5. ASTM Committee D-30, Subcommittee III:

5.1 Surface Area Test Group;

5.1.1 It was reported that procedures had been prepared in ASTM format by the Editorial Subcommittee and that final manuscripts would be submitted to balloting as soon as ready.

5.1.2 It was mentioned that a new clamping arrangement, similar to the one used with the Dyckerhoff Cell, has been developed for the Rapid Surface Area Cell. The new arrangement was said to be a great improvement.

5.2 Wet Classification.

5.2.1 It was reported that a study of the T & N Classifier is underway. Fractions collected by T & N and by Bauer McNett classifiers are being analysed and compared critically.

5.2.2 It was stated that Tyler sieves have been adapted to the T & N classifier for 25 and 50 mesh to get closer specifications on screen cloth. Efforts are continuing on replacing the other meshes as well.

5.3 Sampling. There was nothing to report.

6. Editorial Subcommittee:

6.1 Surface Area Procedures for ASTM.—It was reported that the Dyckerhoff and Rapid Surface Area procedures had been rewritten in ASTM format and that final manuscripts would be made available shortly.

6.2 Central Source of Drawings and Plans. It was announced that some forty drawings and plans are required to supplement the illustrations shown in the Test Manual. It is the intention to turn over these drawings to the representative of the Quebec Department of Natural Resources, Mr. J. G. Foy, to avail ourselves of their drafting services. It is planned to keep a stock of drawing available at the Quebec office of the Q.A.M.A. for distribution to members.

7. Preeness: No urgent problems were reported by members. Accordingly it was decided not to delve into this procedure at this time.

8. Q.S. Test Subcommittee: The problem of setting specifications on the 35 mesh screen has been turned over to the Uniform Classification and Grading Committee in view of the possibility that such specifications could be interpreted as constraints upon a standard test procedure.

9. New Business.

9.1 It was announced that an overrun of eleven per cent had occurred in printing the second edition of the test manual. Therefore those who ordered manuals will be supplied eleven per cent more books and will be billed accordingly.

9.2 It was reported at the last A. T. I. meeting that the ASTM has requested a review of their Tentative Method of Test for Magnetic Rating of Asbestos. It was mentioned that Mr. J. P. Wronski acts as an observer at ASTM for the A.T.I. It was felt that some changes to the method of test might be required.

9.3 Report of Activities at Ottawa.

9.3.1 The representative of the Mines Branch reported on progress to date with the system for measuring particle size. The system incorporates the following components: Recirculation system — Random sampling & Fibre orientation — Rapid photography and equipment for quickly