MINUTES of the Technical Committee Meeting held Oct. 9, 1952 at Hotel Governor Clinton New York, N. Y.

PLAINTIFF'S EXHIBIT

ATI-201

IN ATTENDANCE:

J. L. Tucker, Chairman
JOHNS-MANVILLE CORP.

ASTEN-HILL MFG. CO.
D. V. Asten

JOHNS-MANVILLE CORP.
K. Q. Beyard
M. S. Badollet
W. S. MacAlpine
E. A. Schuman

KEASBEY & MATTISON CO.
C. R. Frederick
R. L. Lanz

RAYBESTOS-MANHATTAN, INC.
H. W. Oliver
J. H. Weaver

SMALL & PARKES LTD.
G. E. Taylor

SOUTHERN ASBESTOS CO.
J. D. McCluer

UNION ASBESTOS & RUBBER CO.
A. W. Summers

The meeting was called to order at 10:00 a.m. and the minutes of the previous meeting, August 27-28, were read and accepted after which the following subjects were discussed.

A. Cloth Standardization

1. One correction was made in the list "Minimum Tensile Strength of Standard (no wire inserted) Asbestos Cloths". The cloth 40P10 in the AAA Grade was changed from 110 warp--45 filling to 120 warp--50 filling. The list was then recommended for use by the Institute.

2. Time and temperature for heat aging. It was suggested that information requested previous to our meeting be sent in to Dr. Shaw as soon as possible. Information on tensile strengths at 200°F is also necessary.

3. It was recommended that the information regarding asbestos-glass mixes (mentioned on page 2, paragraph 3 and 4 of the "Minutes of the Technical Committee held August 27 and 28, 1952) be inserted in SS-C-466 as follows:

3.3.3 - Class 1, asbestos plain weave. The construction shall be 18± 1 warp ends by 9±1 picks per inch. The weight shall be 2.25 pounds per square yard, plus or minus 7 per cent. The tensile strength shall meet the requirements of Table 1, etc.

3.3.3.1 - Class 1, asbestos-glass plain weave. The cloth construction shall be the same as 3.3.3 with the addition that "The cloth shall contain not less than

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Published by AsbestosClaims.Law
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90% inorganic fiber. The inorganic fiber shall be a mixture consisting of not less than 78% asbestos and not more than 22% glass fiber."

3.3.3.2 - Class 3, asbestos twill weave. The construction shall be 28#1 warp end by 9#1 picks per inch. The weight shall be 2.40 pounds per square yard, plus or minus 7 per cent. The tensile strength shall meet the requirements in Table 1. A strip of red cotton, etc.

3.3.3.3 - Class 3, asbestos-glass. The cloth construction shall be the same as 3.3.3.2 with the addition "The cloth shall contain not less than 90% inorganic fiber. The inorganic fiber shall be a mixture consisting of not less than 78% asbestos and not more than 22% glass fiber."

3.3.4.1 - Class 1, asbestos plain weave, wire insertion. Same as present 3.3.4.1.

3.3.4.2 - Class 1, asbestos-glass plain weave. The cloth construction shall be the same as 3.3.4.1 with the addition "The cloth shall contain not less than 95% inorganic fiber. The inorganic fiber shall be a mixture consisting of not less than 79% asbestos and not more than 21% glass fiber.

3.3.5.1 - Class 1, asbestos plain weave, regular weight. Same as present 3.3.5.1.

3.3.5.2 - Class 1, asbestos-glass plain weave. The cloth construction shall be the same as 3.3.5.1 with the addition "The cloth shall contain not less than 95% inorganic fiber. The inorganic fiber shall be a mixture consisting of not less than 79% asbestos and not more than 21% glass fiber.

3.3.5.3 - Class 2, asbestos plain weave, regular weight. Same as present 3.3.5.2.

3.3.5.4 - Class 2, asbestos-glass plain weave, light weight. The cloth construction shall be the same as new 3.3.5.3 with the addition "The cloth shall contain not less than 95% inorganic fiber. The inorganic fiber shall be a mixture consisting of not less than 79% asbestos and not more than 21% glass fiber.

3.3.5.5 - Class 2, asbestos plain weave, light weight. same as present 3.3.5.2.

3.3.5.6 - Class 2, asbestos-glass plain weave, light weight. The cloth construction to be the same as 3.3.5.5 with the addition "The cloth shall contain not less than 95% inorganic fiber. The inorganic fiber shall be a mixture consisting of not less than 79% asbestos and not more than 21% glass fiber.

3.3.5.7 - Class 3, asbestos twill weave. Same as present 3.3.5.3.

3.3.5.7 - Class 3, asbestos-glass twill weave. The cloth construction shall be the same as 3.3.5.6 with the addition "The cloth shall contain not less than 95% inorganic fiber. The inorganic fiber shall be a mixture consisting of not less than 79% asbestos and not more than 21% glass fiber.

NOTE: Possibly SS-C-466 should be further changed so as to allow the use of glass fiber in the tapes mentioned (3.6 Type IV, tape), also yarns (3.4 Type II, yarn reinforced with wire).

B. Tape Standardization

It was suggested that members collect rolls of standard tapes for a round-robin testing program to be outlined in the near future.

C. Braid Standardization

The information now on hand has to be analyzed before recommendations can be made.

D. Asbestos-Glass

Product performance should be investigated.

E. Abradoflex Unit

1. It was recommended that a patent be applied for.

2. It was recommended that one unit be constructed.

F. Fellowship Work

Dr. Shaw completed reports on:

1. Westinghouse tests
2. Serviceability of asbestos cloths
3. Heat Aging of cloths

G. Future Expansion of Asbestos Textile Institute

1. It was recommended that Dr. Shaw accept larger quarters available at Rutgers.

2. It was recommended that a committee be made up of members of the Institute to plan future expansion of the Institute.

H. Samples of Asbestos-Glass Yarns, tapes, and cloth should be sent to Dr. Shaw for evaluation and reports to be issued.

Samples of 100 per cent glass yarns, tapes, and cloth are needed for evaluation and reports.

I. Joint Committee Meeting

A meeting was held at 2:30 P.M. on October 9 with the Air Hygiene and Sales Promotion Committees which other members of the Institute attended.

Subjects discussed were those previously covered in the Technical Committee's morning meeting with the addition of a general discussion on the Asbestos Textile Handbook, its publication and cost.

Respectfully submitted,

J. L. Tucker,
Chairman