

A.T.I. MINUTES REVIEW Elizabeth C. Hayes

My review of A.T.I. Minutes covered the years 1944 through 1960. The purpose of my review was to learn whether the A.T.I. had influence in the writing or revision of Government specifications for asbestos textile products. Generally they did have influence, although not until post World War II. All minutes which I have reviewed are available in our files.

There is evidence of the following:

1. A.T.I. was asked to review proposed Government specifications and to make recommendations for changes.
2. A.T.I. had standards for asbestos cloth which may have influenced the writing of Government specifications, as they were considered to be industry-wide standards.
3. A.T.I. worked with A.S.T.M. in formulating tests of various specifications.
4. Input from A.T.I. increased over the years.

Technical Committee.

The Technical Committee was appointed in 1945. Its responsibilities were to include:

1. Standardization, which included writing specifications
2. Product Research and Development
3. Consideration of standard nomenclature

4. Finding new uses for asbestos textiles
5. Experiment on combining asbestos with other fibrous materials.
6. Consideration of membership in the American Standards Association.
7. Selection of research facilities
8. Consideration of a textile fellowship in some university.

The Technical Committee reviewed specifications and made recommendations for change. These recommendations were then presented to the Sales Promotion Committee for their review, comments, and recommendations. Representatives of the Technical Committee would then meet with personnel from the appropriate Government agencies to submit their proposed revisions.

There were research projects in anticipation of Government needs. For instance, aluminum clad asbestos cloth was developed prior to government specifications.

In 1958 a project was begun, the "Oak Ridge Project", which was to determine the adaptability of asbestos and asbestos textiles in the nuclear power plant field.

Research Fellowship.

Dr. M. C. Shaw was appointed as head of the Research Fellowship at Rutgers University, which began in 1946. The Technical Committee worked closely with the Research Fellow at Rutgers University. In the later years there are statements that Dr. Shaw met with both the Government and A.S.T.M. to present the recommendations of A.T.I. for revisions of specifications.

Some of the projects of the Research Fellowship at Rutgers University were:

1. Temperature limits for asbestos textiles
2. Heat aging tests
3. Aluminum clad asbestos textiles
4. Asbestos tape as a pipe lagging material
5. Glass/Asbestos combination textiles

Research reports indicate involvement in testing and revising specifications.

There is no indication that input into specifications by the A.T.I. was flatly rejected. There appears to have been an ongoing series of communications with the Government regarding various specifications.

03-16-83

I. MINUTES WHICH INDICATE CO-OPERATION OF INDUSTRY/GOVERNMENT

Technical Meeting, 9/25/47, Section 11.

ATI to submit proposed revised draft of Fed. Spec. for Asbestos Cloth to Federal government for discussion and adoption.

Technical Committee, 11/21/47, Section 3.

Committee to submit revisions of Fed. Spec. for Asbestos Cloth to Government Committee. Government Committee will meet with committee appointed by the War Department to discuss the revised draft.

Report of the Technical Committee, 4/7/48.

A Fed. Spec. was to be prepared for use by all government agencies in connection with the procurement of asbestos cloth, strands and tape. The Technical Committee was assigned the task of representing the asbestos textile industry in formulating the new specifications.

Technical Committee, 8/26/48, Section 4.

Committee votes to recommend a change in weight for Type I, Class D Asbestos Cloth as specified in the proposed Federal Specification for cloth, yarn, thread and tape; asbestos.

General Meeting, 9/23/48, Section 7.

Technical Committee authorized to enter into discussions with government agencies concerning technical aspects of Federal Specifications.

General Meeting, 12/10/48, Section 13.

Agreed that the Technical Committee should meet to study a tentative specification approved by the Department of the Army, Navy and Airforce: the National Military Establishment Specification, for Insulation, Electrical, Asbestos-Fiber, Treated and Untreated.

Technical Committee, 4/1/49, Section 4.

Recommendations to be submitted to the Armed Services Electro Standards Agency for adoption as a part of the subject specification.

General Meeting, 4/7/49, Section 3(b).

Discussion concerning the development of protective clothing for firefighting purposes that is being promoted at Wright-Patterson Air Force Base, Aero Medical Laboratory.

Asbestos textiles are apparently being completely disregarded.

A fair representation of asbestos textiles is to be made by A.T.I.

General Meeting, 4/7/49, Section 6.

The Technical Committee presented a review of the progress being made in revising and establishing two government asbestos textile specifications.

Report of the Technical Committee, 4/7/49.

The Technical Committee has been engaged in work on two government specifications.

- (1) National Military Establishment Specification, for Insulation, Electrical, Asbestos Fiber, Treated and Untreated.
- (2) The Federal Specification for Cloth, Tape, Yarn and Thread.

Gives examples of ATI response to comments by government agencies.

Technical Committee, 6/2/49.

These minutes regard recommendation to the government concerning specifications.

General Meeting, 6/16/49,

Section 6: mention of report concerning progress being made on the Federal Program of Asbestos Stockpiling.

Section 11: Technical Committee Report concerning actions taken in connection with the new Armed Forces Electro - Standards Agency Specifications.

MS 002170

Technical Committee, 7/15/49, Sections 2 & 3.

Discussion of recommendation for modification of specifications.

Report of the Technical Committee, 9/16/49.

Mention of (1.) the Navy request for recommendations from the asbestos textile industry and (2.) the heat test required by government specification for asbestos tape.

General Meetings, 4/13/50, Section 10.

Asbestos cloth is used in fire fighting suit by the Philadelphia Navy Yard. It was unanimously agreed that the membership of the Institute should lend every possible assistance to the Navy Yard in this work.

Technical Committee, 7/27/50, Sections 1-3.

Consideration of Military Specification M11-1-3053. Reference to letter from BUSHIPS requesting assistance in preparation of revisions to specification.

Technical Committee, 12/6/50, Section 5.

Discussion concerned the A.S.T.M. specifications for braided tubing or sleeving. It was felt that the present specifications are incomplete and inadequate.

General Meeting, 12/14/50, Section 7.

- (a) Development of a suitable asbestos textile for pipe covering applications.
- (b) Specifications were drawn for a series of standard clothes which were to serve as the basis for an investigation by the Fellow.
- (c) This committee should attempt to clarify the specifications for braided tubing. This committee should establish more meaningful specifications.

Technical Committee, 6/7/51,

Section 3: Discussion of development of foil clad asbestos textiles.

Section 5: MIL-C-915 (Ships) clarification of fiber requirements by Navy.

Section 6: A.S.T.M. Specifications for Roving & Lap were considered.

Report of the Technical Committee, 6/14/51.

Report of meeting held 6/7/51.

General Meeting, 6/14/51,

Section 4: Aluminum Clad Asbestos Cloth

"The Sales Promotion Committee wishes to encourage the action of the Technical Committee in its work on foil clad asbestos cloth. Further

it is recommended that the matter be taken to the Bureau of Ships as soon as suitable samples can be made."

Section 7: It was unanimously agreed that the recommendation of this committee calling for the removal of Commercial Grade from A.S.T.M. specs for asbestos lap and roving be approved.

Technical Committee, 9/14/51,

Section 2: Specifications for thickness of asbestos cloth, discussed.

Section 4: Specifications for braided tubing, subject to be reconsidered with a view toward establishing specifications.

Section 7: Discussion of Fed. Specification MIL-C-10316 (ORD), Asbestos Textiles for Transportation Equipment. It was agreed that the Chairman should investigate apparent errors.

Technical Committee, 11/28/51, Sections 3 & 4

Section 3: Specifications should receive the prompt attention of the Institute so that certain errors and inconsistencies prevalent in many of the Federal and Military specifications might be corrected as quickly as possible.

Section 4: Revisions of specification MIL-C-10316. A copy of "Recommended Changes in Specification, MIL-C-10316 (ORD)" is attached to the minutes.

Technical Committee, January 29-30, 1952,

Section 1: The subject "Specification Revisions" was considered to be of paramount importance.

Section 2: It was agreed to revise the A.T.I. standard cloths list so that it would include all of those cloths covered by the several Federal specifications. Following this, to revise each of the Federal specifications on the basis of the revised A.T.I. Standard List.

Section 3

& 4: Specs to be modified are listed.

Attached to the minutes are copies of SS-C-466, MIL-C-10316, and MIL-C-4117.

Joint Meeting of Sales Promotion Committee and Technical Committee, 2/27/52.

Discussion of modification of specifications, same attachments as listed for January 29-30, 1952.

Report of the Technical Committee, 3/26/52.

Review of the January and February meetings.

Technical Committee, 3/26/52.

A review of the specifications for the master list of Asbestos Textile Institute cloths was undertaken. Corrections and changes were recommended. Braided tubing specifications were reviewed.

Technical Committee, May 6-7, 1952,

Section 2: Mention of corrections, additions and deletions for cloth and braid specifications.

Section 3: Consideration of the advisability of establishing values for tensile strength after heating for cloth & braid.

Section 4: (a) Fellowship project concerning "Heat Aging Test"

Technical Committee, August 27-28, 1952.

Section 2: Fed. Spec. SS-C-466, considered with a view toward recommending revisions.

Section 3: The A.T.I. standard list for braided tubing. Discussion of tolerances to be applied.

Report of Technical Committee, 10/1/52.

Asbestos cloths containing glass fiber have been supplied to the Navy and other Government Agencies for trail (sic) use. Asbestos-glass cloths have been acceptable as a substitute for asbestos cloths.

Technical Committee, 10/9/52.

Modifications to SS-C-466.

Report of the Technical Committees, 12/11/52.

Section A: Two committees set up,

(1) Standardization Committee for Cloth and
Government Specifications;

(2) Standardization Committee for Braids.

Section D: (3) Continue to cooperate with A.S.T.M. and
Governmental Agencies in the origination of a
method to determine the glass-fiber content
of particularly (sic) asbestos products.

Technical Committee, 9/9/53.

Section B: Cloth Standardization Committee Report.

Section C: Braid Standardization Committee Report.

Section D: Rewriting Government Specifications SS-C-466,
MIL-C-4117, MIL-C-10316.

Section E: Government Specification Committee.

Report of the Technical Committee, 12/10/53.

Section A: Revising Government Specifications - the
following specifications were revised:

- (1) SS-C-466
- (2) MIL-C-4117
- (3) MIL-C-10316

(4) MIL-M-1199A

(5) MIL-I-3053A

Section B: Joint meeting with Sales Promotion Committee.

(1) Government Specifications - further revisions.

(2) Specs relating to Dielectric Standards and
Procedures.

(3) A.S.T.M. Standardization of Asbestos Cloth.

Section C: Cloth Standardization Committee, Heat-Aging Tests.

Section D: Braid Standardization Committee.

Sales Promotion Committee Report, 12/9/53.

The Sales Promotion Committee met with the Technical Committee to go over several Federal Specifications with the plan to standardize them in line with the Institute's standards. It is the plan to advise various Federal Agencies of the proposed specification changes and attempt to get agreement on the changes, and then to visit with the agencies for final solutions.

Secretary's Report, 3/5/54.

Specification Revisions - Personal contact with Government Agency personnel has begun as a means of bringing about changes in specifications.

MS 002177

Meeting of the Representatives of the Technical and Sales Promotion Committees of the A.T.I. With Representatives from a Military Agency (Detroit Arsenal, a segment of the Ordnance Dept.) on the Subject of Mil Spec MIL-C-10316, 3/9/54.

NOTE: Refer to review sections III and IV for "Input accepted" and "Input not accepted"

Technical Committee Minutes, 3/10/54, and Report of the Technical Committee, 3/11/54.

Discussed meetings with representatives of a military agency, indicating that some revisions were approved while others were not.

Specs discussed were MIL-C-10316 and SS-C-466. MIL-C-4117 was mentioned and contacts were to be made with Wright-Patterson Air Base to discuss this spec.

MIL-I-3053a had not yet been revised and recommendations for revisions were requested.

MIL-M-11199A has been formally revised but no contacts made.

There is a good deal of discussion of the details of specifications contained in the minutes and the report.

General Meeting, 3/11/54, Section 9.

The Technical Committee has, during the past quarter, been concerned with Federal specification revisions and with considerations related to the establishment of industry-wide data on tape and braid.

MS 002178

Secretary's Report, 6/4/54.

Revisions to MIL-C-4117 and MIL-C-7637A were discussed with personnel at Wright-Patterson Air Force Base.

Technical Committee, 6/9/54.

Status of specs discussed. - MIL-C-10316, SS-C-466, MIL-M-11199A, MIL-I-3053A, MIL-C-7637 (U.S.A.F.), MIL-C-4117.

There is detailed information regarding specs in this set of minutes.

General Meeting, 6/10/54, Section 10.

Technical Committee Report, mentions that progress has been made in negotiating many Federal specifications.

Report of the Technical Committee, 6/10/54.

Discussion of several specifications in the process of revision.

Board of Governors Meeting, 10/6/54.

Discussion of MIL-C-7637A and MIL-C-10316 concerning revisions.

MS 002179

Technical Committee, 10/6/54 and Report of the
Technical Committee, 10/7/54.

Two members of the Agency from the Detroit Arsenal were present at a joint meeting of the Sales Promotion and Technical Committees for the purpose of preparing recommendations. The result of the meetings was a draft of MIL-C-10316.

It was recommended that specifications for Grade A Cloth be changed from 98% to 99% minimum asbestos content.

MIL-C-7637 (U.S.A.F.) reviewed. These minutes list specific recommendations for revisions.

A committee has been appointed to meet with Federal and Military Agencies as necessary.

Report of Sales Promotion Committee, 11/29/54.

Discussed Interim Fed. Spec SS-C-00466a, suggested that the levels of tensile strength should be upgraded due to the better grade of fiber now available.

Tests prove that asbestos fireproofing of power cables is superior to glass.

Technical Committee, 12/1/54.

Upgrade SS-C-00466a, tensile values. (See Sales Promotion Committee, 11/29/54).

Other suggested revisions are listed.

MIL-C-4117, revised.

General Meeting, 12/2/54, Section 8.

Report of consideration of revisions to several Federal Specifications by the Technical Committee and Sales Promotion Committee. Subcommittees for Tape and Braid reported endeavors to make industry-wide standard lists for tape and braid.

Report of Sales Promotion Committee, 3/9/55.

It was deemed advisable to conduct an Institute project pertaining to flameproofing asbestos textiles.

Due to the sufficiency of our fiber supply ". . .no development engineer should have any hesitancy in specifying asbestos base reinforced plastics for any military or civilian requirement."

Technical Committee, 3/9/55.

A revision of the tensile values of A.T.I. cloths was made during the forenoon session.

Work is now in process to assemble data for plain tapes.

The Braided tubing project is nearly complete.

Members were asked to review several Military and Federal specs.

The communication from Wright Air Development Center on Spec. SS-C-00466A was discussed.

Report of the Technical Committee, 3/9/55.

Revised tensile values in the Standard A.T.I. cloth list.

Work in progress on standards for tape and braided tubing.

Discussion of Federal and Military Specs requiring "after heat tensiles".

Wright Air Force Base requested further information on Spec. SS-C-00466A as it pertains to tapes, thread, and cloth thickness.

Meeting of the Board of Governors, 3/9/55.

Section 2: Paragraph 2, Summary of the Technical Committee Report.

General Meeting, 6/9/55, Section 7.

Summary of Technical Committee Report.

Technical Committee, 6/8/55.

Discussion of possible standardization of Plain Tapes.

The table on Braided Tubing has been sent to all members.

The table of A.T.I. Standard Cloths was reviewed.

Spec. SS-C-00466A was discussed and recommendations made.

Report of the Technical Committee, 6/9/55. (incomplete)

Report of Meeting on 6/8/55.

General Meeting, 9/8/55, Section 5(b).

Technical Committee Report:

- Industry wide representative tape and braid constructions listings.
- Actions related to Federal Specifications.

Technical Committee, 9/7/55.

Report of Braided Tubing, Committee Tape Committee, standardized construction.

Cloth, A.T.I. Standard List, additional samples for testing requested from members.

Revision of Spec. SS-C-00466A discussed.

Communication from Department of Navy regarding the type of glass used in asbestos-glass combination cloth.

Report of the Technical Committee, 9/8/55.

Report of 9/7/55 Meeting.

Technical Committee, 12/7/55.

Tests on cloth covered in Fellowship Report #35 were discussed.

Each member to examine A.S.T.M. Specification on Electrical tapes and be prepared to make recommendations.

A.S.T.M. requested that A.T.I.

1. Provide a heat aging method for testing.
2. Examine and make recommendations regarding specs for Electrical Tapes.

A.T.I. formally requested that A.S.T.M. write new specifications for industrial tapes.

Recommendation to Navy concerning SS-C-00466A.

General Meeting, 12/8/55.

Brief summary of above Technical Committee Report.

Sales Promotion Committee, 12/7/55, Page 2.

Discussion of Navy Spec. SS-C-00466A (DOD SHIPS). Some history given.

Technical Committee, 3/7/56.

A.S.T.M. requested examination of specifications on Electrical Tapes with recommendations for changes.

U.S. Government Specs.:

1. Recommended revision of MIL-C-10316
2. Consideration of Spec. MIL-I-3053A.

Technical Committee, 6/4/56.

Agreement on standards for one inch tape.

There is stated the intent to standardize a heat aging method for testing asbestos cloths.

U.S. Government Specs.:

1. MIL-C-10316 - "Since the proposed revision to Spec MIL-C-10316 elicited considerable comment when coordinated with other agencies in the Department of Defense, it was never issued. . . .presently being incorporated into a further revised draft which, it is hoped, will be issued without further delay."
2. MIL-I-3053A, concerning Di-Electric Strength.

Technical Committee, 9/5/56.

Inquiry made on MIL-I-3053a.

General Meeting, 12/6/56, Section 6.

The Technical Committee is presently engaged in the revision of tensile strength values for the Standard Cloth List.

Technical Committee, 12/5/56.

The entire period was devoted to revision of tensile strength values presently showing on A.T.I. List.

Technical Committee, 3/7/57.

Revision of A.T.I. Cloth List.

Review of previous recommendations for Asbestos Braid Tubing.

No activity on U.S. Government Specs.

Technical Committee, 6/6/57.

Changes in the A.T.I. Cloth List.

Discussion of tape specifications.

Work in progress on braided asbestos tubing specification.

Technical Committee, 9/5/57.

Cloth, braid, tape specs ongoing.

U.S. Government Spec., MIL-I-10316A. This revised spec. has not been approved and cannot be used for procurement purposes at the present time. However, generally speaking, the specification is written around our proposals.

Technical Committee, 12/5/57.

A.T.I. Specs for Cloth and Tape will be submitted for A.S.T.M. approval.

Government Specs - any contacts with Government Agencies with a view to changing specifications would be held off until A.S.T.M. approval of A.T.I. Specification.

Technical Committee, 6/5/58.

MIL-I-3053a, discussion of recommended changes, to be further clarified before meeting with the proper government agency.

Technical Committee, 9/11/58.

Discussion of tape specs.

Technical Committee, 12/11/58.

Government Specifications. Notice of proposed revision issued by the Government for Spec. MIL-C-4117, copies given to members for revisions, corrections and additions.

Technical Committee, 3/5/59.

Government Specs. - Based on his visit to the Watertown Arsenal, Dr. Shaw (of A.T.I.) drafted a proposed revision to MIL-C-10316 and MIL-C-4117. These are to be reviewed by each member and comments sent to Dr. Shaw.

Technical Committee, 6/10/59.

Government Specs. - A large part of the morning was spent reviewing Government Specifications at a joint committee meeting with the Sales Group, as follows:

SS-C-466

MIL-I-3053A

MIL-C-10316 and MIL-C-4117a

Technical Committee, 9/10/59.

Government Specifications - All proposals for MIL-C-10316, MIL-C-4117, MIL-I-3053 and SS-C-466 are in the hands of the proper Government Agencies. Indications are that the Government will generally accept our recommendations.

Technical Committee, 12/3/59.

Government Specifications. MIL-C-10316B and MIL-T-4117A were reviewed. Recommendations for changes are to be made to the pertinent government agency.

A.T.I. Standard Cloth List to be revised.

Technical Committee, 3/3/60.

Government Specs., MIL-I-3053B. Recommended changes for cloth, tape, and braided tubing have been forwarded [to government].

Technical Committee, 6/6/60

Bureau of Ships interim specification SS-C-00466b has been issued. It was suggested that this specification be reviewed by A.T.I.

Proposed magnetic rating specification to be presented to A.S.T.M., Fall, 1960.

With the exception of a weight tolerance specification, revision of electrical and industrial asbestos tape specification has been completed. To be presented to A.S.T.M., October, 1960.

Technical Committee, 9/8/60.

Revision of A.T.I. Standard Cloth List was discussed.

BUSHIPS SS-C-00466B was reviewed and revisions which should be made were discussed.

MS 002188

Technical Committee, 12/15/60.

Mention of A.T.I. Standard Cloth List.

Weights for asbestos braided rope have been reviewed and approved.

Government Specs. SS-C-00466B, to be reviewed by committee members.

II. MINUTES WHICH INDICATE THE INDUSTRY STANDARDS AND MATERIALS WHICH WERE PRODUCED BLFORE SPECIFICATIONS WERE WRITTEN BY THE GOVLRNMENT

General Meeting, 12/5/47, Section 6.

Technical Committee Report. It was requested that the Technical Committee be given the authority to prepare a list of standard asbestos cloths produced in the industry. . .for use in the Fellowship work.

Report of the Technical Committee, 9/20/50

Formulation of specifications for asbestos cloth, by the Technical Committee.

Attached Progress Report of the Research Activities of the A.T.I. Fellowship.

Gather information and publicize the use of asbestos textiles for pipe covering purposes. Develop a suitable cloth for such purposes.

It is the purpose of the Technical Committee to establish a standard cloth construction which can be supplied in all grades for testing.

Technical Committee, 3/19/51, Section 2.

"All action pertaining to the procurement of the five standard cloths for the Fellowship work shall be deferred. . ."

It was felt that the selection of representative commercially available cloths would serve practically the same objectives as originally intended with the standard cloths.

General Meeting, 4/12/51, Section 7.

The Fellowship report set forth recent work in which aluminum foil was applied to asbestos cloths and the unit thus assembled investigated as a possible pipe covering and heat protective material.

Only if found to be practical is the idea to be presented to the Navy Department for consideration as a possible construction material.

This meeting also points out the national emergency and heavy defense demands for fiber.

Technical Committee, 6/7/51, Section 3.

Discussion of further consideration of aluminum foil clad commercial grade asbestos textiles.

Technical Committee, 9/14/51, Section 5.

The Fellow reported that arrangements have been completed. . . to process a 12 yard sample of commercial grade cloth in accordance with present ideas concerning such a construction. (Aluminum foil clad asbestos cloth).

Technical Committee, 10/11/51.

The Technical Committee compiled a list of asbestos cloth which has been adopted as recommended standards.

General Meeting, 3/27/52, Section 8 and

Technical Committee, 3/26/52, Section 3.

Disussion of use of fiber glass staple in combination with asbestos.

Technical Committee, May 6-7, 1952.

Section 4: (b) Development of a suitable asbestos textile for pipe covering purposes. Aluminum clad asbestos cloths.

(d) Investigation of glass-asbestos combinations.

Sales Promotion Committee, 6/19/52, Section 5.

It has been understood that the Technical Committee will supply Specifications for Asbestos Cloth to be used in a "Master Specification" for government agencies.

General Meeting, 6/20/52, Section 7.

Fellowship report concerning projects.

Technical Committee, August 27-28, 1952, Section 1.

The A.T.I. Standard Cloth List, approved and agreed that it should be submitted to the Institute membership in General Meeting for approval.

Report of Technical Committee, 10/1/52.

Asbestos Cloth Standardization

Glass fiber in Asbestos Textiles

Aluminum Clad Asbestos Cloth

Braid Standardization.

Technical Committee, 10/9/52.

Cloth Standardization, tape standardization, braid
standardization, asbestos/glass.

Report of Technical Committee, 12/11/52.

Section C: Asbestos-Glass Fiber Mixed Products.

Technical Committees, 9/9/53, Sections B & C.

Cloth Standardization; Braid Standardization.

Report of the Technical Committee, 12/10/53.

Section B(3): At the request of A.S.T.M., A.T.I.

has recommended 15 asbestos cloths for
standardization in A.S.T.M. Specs.

Section B&C: Cloth Standardization and Braid Standardization
Committees

Report of the Technical Committee, 6/10/54.

The Tape Committee has collected data to prepare a
standard A.T.I. list for tapes.

The Cloth Committee will make a standard A.T.I. list of wire inserted cloths.

General Meeting, 12/2/54, Section 8.

Technical Committee: Subcommittees for Tape and Braid reported endeavors to make industry-wide standard lists for tape and braid.

Technical Committee, 3/9/55.

Revision of A.T.I. Standard Cloth List to reflect the presently improved fiber situation.

Discussion of test values for properties of braid and tubing.

Technical Committee, 6/9/55.

Industry-wide tabulation of braided tubing constructions have been drafted.

The tape list as been completed.

Technical Committee, 9/7/55 and
Report of the Technical Committee, 9/8/55

Discussion of standardization of cloth tape and braided tubing.

Board of Governors, 3/7/56, Section 2(b).

The Technical Committee sought the assistance of the Sales Promotion Committee in its endeavor to establish a standard heat aging test for asbestos textiles.

Technical Committee, 3-7-56.

Discussion of standardizing a heat aging method.

Board of Governors Meeting, 9-5-56

The Technical Committee: part of the work of this group is being directed toward the establishment of industry - wide Standards for cloths, tapes, and braids.

Technical Committee, 9/5/56.

Standardization of asbestos tape and braided tubing.

Technical Committee, 6/6/57.

Work in progress on formation of specifications for braided tubing.

A.T.I. Standard Specifications.

Technical Committee, 3/13/58.

It was proposed that a cloth designated as 11P20 be added to the current list of A.T.I. Cloths.

The braid specification is now in its completed form and will be submitted to the Sales Promotion Committee for comment and approval.

Revision of the Industrial Asbestos Tape Specification.

Technical Committee, 9/11/58.

Discussion of tape Specifications.

Nuclear Radiation Committee.

Technical Committee, 3/5/59.

Nuclear Radiation Committee. Report has been received.

Dr. Shaw will visit J-M Research Center to review the report with their Nuclear Physicist.

MS 002196

MT-001600

III. MINUTES WHICH INDICATE THAT INDUSTRY
INPUT WAS ADOPTED BY THE GOVERNMENT.

General Meeting, 4/8/48, Section 4.

The revised specifications of asbestos cloth, strands and tape prepared by the Technical Committee have been accepted by the Federal Government at a joint meeting of the Technical Committee and a War Department Committee.

Technical Committee, 3/19/51,

Section 3: Re: Canadian Government Specification MIL-I-3053. Recommendation was made for reconsideration and change.

Section 5: Following a thorough discussion of the subject it was unanimously agreed that the Secretary should correspond with. . .the Bureau of Ships in an effort to obtain a clarification of the substance of these specifications. (Spec. MIL-C-915, Ships)

Report of the Technical Committee, 4/12/51.

Correspondence from the Department of National Defense, Canadian Military, Ottawa, Canada concerning U.S. Military Specification MIL-I-3053, proposed for adoption by the Canadian Military. Canadian Johns-Manville Co. proposed changes. The industry was unanimous in agreeing with COM and recommendations were accepted by the Canadian Government.

Meeting of the Representatives of the Technical and Sales Promotion Committee of the A.T.I. with Representatives from a Military Agency (Detroit Arsenal, a segment of the Ordnance Dept.) on the Subject of Mil Spec MIL-C-10316, 3/9/54.

They would allow insertion of an additional paragraph which reads as follows:

"Industrial Grades, The Asbestos Industry supplies Asbestos Textiles in conformance with A.S.T.M. classifications."

A.S.T.M. Classification of Grades

Underwriter's Grade not less than 80%
 Grade A not less than 85%
 Grade AA not less than 90%
 Grade AAA not less than 95%
 Grade AAAA not less than 99%

No opposition was offered to the balance of the revisions except for minor changes in wording which were insignificant.

Technical Committee Minutes, 3/10/54, and
 Report of the Technical Committee, 3/11/54.

Covers the above meeting (3/9/54) with a military agency.

In addition, Concerning SS-C-466: Rejected request to change nomenclature of grades to conform to A.S.T.M. nomenclature.

Changes were also suggested by the military. Other revisions by A.T.I. were approved.

MS 002198

Technical Committee, 6/9/54.

The proposed revisions on tensile strength, bursting, and tearing strength were accepted. MIL-C-7637 (U.S.A.F.)

Tentative acceptance on proposed revisions to MIL-C-4117.

Report of the Technical Committee, 6/10/54.

The A.T.I. list of standard Plain Cloths was recommended by the A.T.I. to replace the list previously carried by A.S.T.M. With the exception of one minor change the list was accepted as recommended.

Technical Committee, 12/1/54.

"The agency has accepted the tensile values recommended at that time by the Institute."

Technical Committee, 6-4-56

Mil-C-10316 - "Since the proposed revision to Spec Mil-C-10316 elicited considerable comment when coordinated with other agencies in the Dept. of Defense, it was never issued. . . . presently being incorporated into a further revised draft which, it is hoped, will be issued without further delay."

Technical Committee, 9-5-57

Mil-I-10316A, . . . revised spec has not yet been
approved . . . However, generally speaking, the
specification is written around our proposals.

03-16-83

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IV. MINUTES WHICH INDICATE THAT INDUSTRY INPUT WAS NOT ACCEPTED.

Meeting of the Representatives of the Technical and Sales Promotion Committees of the A.T.I. with Representatives from a Military Agency (Detroit Arsenal, a segment of the Ordnance Dept.) on the Subject of Mil. Spec. MIL-C-10316, 3/9/54.

Concerning nomenclature of grades, they were not willing to change from the present form to conform to A.S.T.M. nomenclature because there would be a need to change their records.

Technical Committee Minutes, 3/10/54, and
Report of the Technical Committee, 3/11/54.

Covers the above meeting (3/9/54) with a military agency. In addition,

Some revisions suggested by A.T.I. were approved for
SS-C-466.

Report of the Technical Committee, 6/10/54.

There is resistance on the part of the Agency
(Wright-Patterson Air Base) to change any nomenclature.

Mil-C-10316 - "Since the proposed revision to Spec Mil-C-10316 elicited considerable comment when coordinated with other agencies in the Dept. of Defense, it was never issued. . . . presently being incorporated into a further revised draft which, it is hoped, will be issued without further delay."

Technical Committee, 9-5-57

Mil-I-10316A, . . . revised spec has not yet been approved . . . However, generally speaking, the specification is written around our proposals.