PLAINTIFF'S EXHIBIT

ATI-168

December 15, 1953

ASBESTOS TEXTILE INSTITUTE

Minutes of Meeting of Air Hygiene Committee - 12/9/53

This meeting was attended by the following:

Thos. Schmidt of K & K
Geo. Luttenberger of K & K
John Weber of American Asbestos Co.
G. Novack representing Union, Charlotte Plant
Benj. Stanton of J-K
Ralph Smith of K-K, Charleston Plant
John McCormack & D. R. Holmes of Asten-Hill Mfg. Co.

This meeting was comprised to two sessions. The morning session was devoted to the study of a survey of asbestosis incidence case histories complete with years of exposure submitted by member Companies. This survey showed the percentage of incidence of asbestosis cases in relation to the number of employees exposed in each plant. This study shows percentage figures varying from five to eleven percent of those employees working in exposed areas affected. A copy of this survey is enclosed and is to be part of the minutes.

In our discussion it was brought out that perhaps the survey did not delve far enough into the subject of exposure. Also, the following factors should have been considered in order to make this survey more accurate. A study of the employees' work record, the exposure of the departments in which he had worked or works, his period of employment and the total time of exposure and dust counts recorded in these areas during periods of exposure.

This information may be necessary in order to determine just where the disease was contacted and why.

This survey showed one Company with a Stage 1 case with only three years of exposure and one other Company showed one Stage 1 case with only two years of exposure. We believe that if these cases were reported accurately they could have been avoided by the use of proper pre-hire physical and x-ray examinations.

Discussion of forced breathing therapy and its value took place. It was agreed that this equipment is of some value in giving relief to Asbestotics in Stages 1, 2 & 3. In many cases these people have shown remarkable improvement in their condition and it aids them in that they learn to breathe deeper all through their daily lives, both on and off the job. This tends to give people a lift in their daily living in that they breathe easier, walk easier, have a better appetite and sleep more normally. There were three member Companies present using this apparatus and all three reported good results.

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The next matter under discussion was the particle size and diameter study to be made by the Traveler's Engineering Laboratory in Hartford. Each member Company is to forward samples, according to instructions received, to this Laboratory within the next few weeks. As Travelers' have accepted this project it was agreed that we should all cooperate in this survey and, it may be that we will have the results of this study possibly for the Spring meeting. It is hoped that this study will answer some of our questions concerning the particle sizes and diameters of fibres and their relation to the contacting of asbestosis.

The Committee was pleased to note that the U.S.P.H.S has agreed to include dust sampling equipment in their current dust survey. The Committee feels that this operation is a major step toward the solving of some of the problems involved in standardizing dust count studies throughout the Industry.

AFTERNOON SESSION

The afternoon session was devoted to the study of dust collection equipment.

Five member Companies reported their experiences. Three member Companies made written reports of their dust collecting experiences which are enclosed and are part of these minutes. There are two reports from Raybestos-Manhattan; one from their U. S. Asbestos Div. and the other from the General Asbestos Div. Mr. Benj. Stanton of Johns-Manville, Industrial Hygienist, read a complete report of their dust collection equipment experiences. It is their opinion that the American Wheelobraiter is the best type of dust collector on the market. It is Johns-Manville's experience that this type of unit shows the lowest maintenance cost, less cleaning necessary and the finest operating performance.

Mr. Ralph Smith in his report for General Asbestos agreed that the American Wheelobraiter was also the best type of collector according to their experience.

John McCormack of Asten-Hill Mfg. Co. reported on a Pangborne collector and its problems. All members of the Committee seemed to be of the opinion that Pangborne collectors to date are unsatisfactory.

Mr. Luttenberger reported for Raybestos-Manhattan. Asbestos on their experiences throughout the entire plant. Mr. Novack of Union Asbestos, Charlotte, N. C. reported a recent installation of an American Wheelobraiter which, so far, is giving them excellent performance. After a long discussion on dust collecters it was agreed by all that, according to the experiences of three of the member Companies, there was no doubt by the Committee that the

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American Wheelabrator was by far the best type of collecter on the market for the handling of asbestos dust.

We then discussed many types of dust collection equipment and dust eliminating processes being used throughout plants in the entire industry. This discussion covered spray systems, water-wetting systems, oil systems for mixes, dust systems for Cards, Pickers, Weave Room, Winders, etc. All member Companies are making some progress in the elimination of dust. After some discussion the problem of dry weaving came up and after a full discourse on this subject it was decided by the Committee that we make recommendations to members at the General Meeting, December 10th, to this effect:

RECOMMENDATION

Due to the fact that it is our job to eliminate dust in an effort to protect our plant personnel from this hazard, we recommend that a study be made by the Technical Committee of the possibility of eliminating dry weaving in member Company plants. We ask that this recommendation be given consideration by the full committee.

At the General Meeting, this recommendation was accepted.

AGENDA FOR SPRING MEETING - 1954

SUBJECTS:

1. Twister Enclosure and Spinner Survey
2. Travelers' Report of Dust Particle Survey
3. Report on U.S.P.H.S. Sampling Equipment Survey if available by this time.
4. The Study of the Possibility of Eliminating Dry Weaving.

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