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INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, INC.

4400 FIFTH AVENUE

PITTSBURGH 13, PA.

July 11, 1947

Memorandum on Plant of
Carolina Asbestos Company
Supplementing the
General Report

"Preliminary Dust Investigation for Asbestos Textile Institute"
Of June, 1947

Dustiness

This plant is designated as E in the general report and an appraisal of its dustiness is summarized in that column of Table 1.

Mr. Terry's dust count data carry heavier weight than the single ones made by us because they were more numerous and, therefore, provide a better average. The values given in the table, therefore, are heavily weighted by those figures.

The figures indicate that dust control is equal to that in the average "good" plants of the group. Slight differences between plants should not be taken too literally, since normal variations of some magnitude occur.

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Our own single dust counts are given below:

Number	Elapsed Time (mins.)	Operations	Dust Counts
1	4	At outside doorway of preparation room. Visible dust from nearby bag house blow- ing in this direction. Taken to measure degree of possible recontamination.	0.5
2	6	General air around cards 1,2,3,4,5 and 6.	0.9
3	6	General air around cards 13,14 and 15. Visible dust suction from No. 14 breaker.	3.3
4	5	General air, while walking up and down aisles between tristers.	2.2

Dust Control Practices

The new carding exhaust system is good except that considerable dust was escaping at cards 14 and 15, the cause of which we did not estab-
 lish.

The sheet metal enclosures may eventually need to be replaced due to wearing of holes in the sides at the rim of the main cylinder, and to crushing of covers. Before this becomes serious initial steps should be taken to make the conversion gradual since considerable time will be required to effect the change for all machines.

Medical

In Table II (page 14, General report) we have listed this company as not having had any x-ray survey, because of the fact that the State's

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findings are available only in a negative way. The fact is that no information is available to the company as to incidence of asbestosis.

The remarks in this section of the report relative to the importance of the periodic medical examination must be viewed in the light of the particular program of the State of North Carolina. Before extending specific advice on this point we would want to explore the practices and policies of the State to see what could be worked out with them. This exploration would be a part of the medical and of the long-term program, as outlined in the general report.

B.C.L. Benson
Lead Engineer