

INDUSTRIAL HYGIENE FOUNDATION OF AMERICA, INC.

4400 FIFTH AVENUE

PITTSBURGH 13, PA.

July 11, 1947

Memorandum on Plant of

J.F. Burke and Company

Supplementing The

General Report

"Preliminary Dust Investigation for Asbestos Textile Institute"

Of June, 1947



Dustiness

This company is designated by the letter I in the general report and a summary of its dustiness given in that column of Table I. The figures are based on some dust counts made by the State, but it is believed that some reduction has been effected, at least in carrying, since that time.

The figures indicate a dustiness equalled by only one other plant. Of particular interest is the high degree of dustiness in spinning and twisting. In all but two plants those operations are practically identical, so dust counts are comparable. The figures show 3 to 4 times as much dust in this plant. The explanation for this was not apparent. It may result from a greater amount of dust in the stock due to differences in preparation methods, a quality we attempted to evaluate in a preliminary way (see page 11).

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Dust Control Practices

Several points in dust control in preparation and at carding machines were discussed briefly with Mr. Williams, Jr. at the time of the visit.

The long term investigations, however, would include systematic guidance in the details of dust control especially with respect to preparation, carding machines, the cause of excessive dust, and its removal, in spinning and twisting, and selection of dust collectors. It is to be recognized that, because of the climate, this plant has a particular stake in the development of information that will permit safe recirculation of air from a dust collector.

R.C.L. Housen
Lead Engineer