

H. K. PORTER COMPANY, INC.
THERMOID DIVISION

JUL 16 1959

Occupational
Health Section

July 15, 1959

CHARLOTTE WORKS
P. O. BOX 10516
CHARLOTTE, NORTH CAROLINA

MANUFACTURERS OF
SOUTHERN ASBESTOS PRODUCTS

Mr. Carl G. Beard
Industrial Hygiene Engineer
Occupational Health Section
State Board of Health
Raleigh, North Carolina

SUBJECT: Routine Atmospheric Dust Survey - May 24-25, 1959

We appreciate very much the copy we have received of your technical report and analytical results on the dust counts made in our plant on May 24th and 25th.

Re-checks will be made in the next ten days on all of these locations.

We are disturbed about your results on your Samples #639 and #640. These samples should be well below 1.0 and according to our calculations below .50. It is true that at the time the samples were made the system was not completely enclosed and some outside air was being drawn in. We also believe there was a bag loose in the adjacent dust collector, contaminating this outside air.

We are making immediate checks of the fan speeds on the tape looms where you secured your Sample #641. The dust counts on looms equipped with this type of exhaust have in the past shown the best results.

In case of your Sample #643, we have recently gone to dry warp and fill on these looms which were formerly all wet. We are taking immediate steps to provide exhaust ventilation on these two looms.

In case of your Sample #638 around Cards #16, #17, #18, and #19 where we normally have quite satisfactory counts, we believe that this was the period at which the floor had been torn up and the area must have been contaminated by this work.

I trust that if either you or Mr. Lumsden are in the Charlotte area that you will not neglect dropping by to see us. We are going to do some additional work in the blending area and on the conveyor line and then concentrate intensively in the Card Room. Our humidity system in the Spinning, Twisting, and Winding and in Cloth Weaving should be in operation in the next thirty days, controlling the relative humidity in these areas to 65% and substantially reducing the dust counts. A new compressor for this system is being installed at the present time. Tanks are due to arrive next week.

John Mitchell
JOHN MITCHELL - Manager

cc: Mr. John C. Lumsden

