DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Occupational Health Field Headquarters
Bureau of State Services
1014 Broadway
Cincinnati 2, Ohio

November 1, 1965

Mr. S. R. Zimmerman
Raybestos-Manhattan, Inc.
Manheim, Pennsylvania

Dear Mr. Zimmerman:

The analysis of the air samples collected in your plant during our survey in August, 1964 has been completed, and the results are attached.

The impinger samples were counted during the survey using the American Conference of Governmental Industrial Hygienists' method. The membrane filters were rendered transparent with a 50-50 mixture of diethyl oxalate, dimethyl phthlate and counted at 430x magnification with phase contrast illumination.

All of the dust concentrations as measured by impingers were under the 5 million particle per cubic foot Threshold Limit Value currently in use. The membrane filter method is experimental and no standards have been set for its interpretation. Some relationships between the impinger and filter measurement are discussed in the enclosed reprint.

Your cooperation in this study is sincerely appreciated, and the data gained from your plant is of considerable value.

Sincerely yours,

Jeremiah R. Lynch

Jeremiah R. Lynch
Senior Sanitary Engineer
Engineering Section
Research and Technical
Services Branch

Enclosure

R-11 262-F-AR
(U23) 1-4-1 5-12-77

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