

November 19, 1953

Re: O.D. 83961
Charles Reed

Medical Department
Industrial Commission of Ohio
Columbus, Ohio

Gentlemen:

On November 13, 1953, a visit was made to the Kimble Glass Co., 711 Southwood St., Columbus, Ohio, to check conditions under which the above named claimant worked.

This company manufactures television tubes.

The claimant started with this company on April 22, 1952. He last worked on December 8, 1952. The company had information that he had worked for the Southern Quarries Co. of Jackson, Ohio, prior to employment by the Kimble Glass Co. He was a janitor in the selecting department. He cleaned the floors in the area at the ends of the lears.

In the manufacture of glass at this plant, the glass batch consisting of cullet sand, lime, soda and other ingredients are mixed in a building separate from the tank department. They are conveyed to the three tanks and dumped into the tank at the dog house. After the glass is melted, it is formed on the machines at the opposite end of the tank from the dog house. The formed pieces are set on a traveling chain conveyor and heated to annealing temperature in the lear. The selecting or inspection department is located at the discharge end of the lear. The area where the claimant worked was at a minimum of 225 feet from the dog house area.

Very little of the dust produced at the dog house could filter to the area where the claimant worked. Dust counts in the area of the dog house would be in the order of one to two million particles which would be mostly soda and lime as the sand used at this plant is quite coarse. The dust in the area where the claimant worked would be in the order of that of the outside atmosphere. It is estimated that the free silica content of the dust in the dog house area would be below 5%.

Very truly yours,

Lester M. Merritt,
Industrial Hygiene Engineer.

LPM:mm

