PLAINTIFF'S EXHIBIT

K-2060

April 27, 1961

Bureau of Workmen's Compensation
Ohio Departments Building
Columbus 15, Ohio

Attention: Mr. Paul J. Drugan, Room 410A

Re: O.D. 109134 - Clifford Shepherd

Gentlemen:

On April 25, 1961, a visit was made to the Kimble Glass Company, Columbus, Ohio, to check conditions under which the above named claimant had worked. The company manufactures television picture bulbs (tubes).

The claimant's employment experience with the company is as follows:

12/5/52	-	5/18/56	Buffer
5/18/56	-	8/12/57	Grinder
8/12/57	-	4/7/58	Machine Loader-Unloader and Hand Grinder
4/7/58	-	5/5/58	Utility Man
5/5/58	-	9/19/60	Selector-Packer
9/19/60	-	11/18/60	Touchup Selector-Packer
11/18/60			Still working-Selector-Packer

After television picture tubes have been made, they are annealed to remove stresses and strains. The tubes are warm to the touch when they are removed from the lehrs. The lehrs have an iron mat or chain on which television tube holders are placed. The tubes ride in a frame in the lehrs. A selector-packer places an air hose in the tubes to change the air in the tubes. He then places the tubes on a light box to inspect for imperfections. Next, he places the tubes in cartons. If any flaws develop on the tubes, they go to the buffers where the imperfections are removed by buffing the material with wet pumice. That tube is then dried and placed in a carton.

The lehrs are located in a building approximately 300' x 50' x 30' to the lower part of the roof. There are a series of monitors in the roof together with large fans for removing hot air.

12

3 Buffer - Surface imperfections are removed from television bulbs (tubes) by buffing with wet pumice on a cork wheel. Most of the tubes are 19" to 24" and an employee uses his body to hold the tubes against the buffing wheels. The buffing wheels are about 3' in diameter. He wears a rubber apron and usually rubber overshoes or boots. He then rinses the bulb with water. His hands and arms are wet.

Grinder - The work of a grinder is essentially the same as that of a buffer except he works with only the face of the tube, not the entire tube. The face plate has not been welded to the tube.

5 Machine Loader - (also Unloader) - An employee takes dry face plates out of a carton and places them on the chuck of a pumicer machine which machine automatically buffs the face plate with wet pumice and rinses it with water. The unloader takes the face plates off the opposite end of the machine while they are still wet. At one time employees had a small hand grinder with an emery disc with which they removed imperfections in the face plate before buffing.

Utility Man - Employee provides selector-packer with empty cartons and removes cartons that are filled with television bulbs (tubes). He does other miscellaneous duties including the handling of racks, paper, and bulbs.

Selector-Packer - A description is given above.

Touchup Selector-Packer - Employee inspects and wipes dry television bulb (tube) after it has been placed on a rack by the buffer. He does no buffing but hands may get moist in wiping the tube with a towel.

If buffing is considered contact with a primary irritant, this claimant was so exposed while buffing. He had no other exposure to primary irritants. See the accompanying memorandum for a study made at this plant.

Samples of pumice both new and used, have been sent to Kettering Laboratory for electron microscope pictures. Pictures and comments will be submitted as soon as received.

Very truly yours,

DeWitt Huffman

DeWitt Huffman
Industrial Hygiene Engineer

[illegible]

encl.

23