I.I. 149-2

UNION CARBIDE

INTERNAL CORRESPONDENCE

PLAINTIFF'S EXHIBIT
UC-214

CHEMICALS AND PLASTICS • INSTITUTE PLANT P. O. BOX 2831, CHARLESTON, WEST VIRGINIA 25330

To (Name) Mr. Fred Williams
Division
Location

Date January 24, 1973

Originating Dept. Employee Relations
Hygiene/Safety

Answering letter date

Copy to Mr. R. O. Midkiff
Mr. R. E. Peele

Subject Asbestos Sampling Values
511 Insulation Fabrication Shop

Asbestos fiber counts for samples we have collected at the Plant 511 Insulation Fabrication Shop are submitted for your information. They may serve as guidance for any sampling program you may initiate and they should be valid as part of a records program.

| Sample No. | Date | Sampling Time, min | Fiber Count/ml | Sample-Job Description |
|---|---|---|---|---|
| 512-HHF-01 | 3-8-72 | 15 | Too heavy to count | S. E. Painter - Dust collection removal for disposal. |
| 512-HHF-02 | 3-8-72 | 5 | 61.5 | S. E. Painter - Dust collector wearing respirator. |
| 512-HHF-03 | 3-8-72 | 15 | 24.5 min. | S. E. Painter - End of dust removal job. |
| 512-HHF-04 | 11-21-72 | 6 | 4.1 | L. I. Mitchell - Butt sawing. |
| 512-HHF-05 | 11-21-72 | 6 | 23.4 | L. I. Mitchell - Placing pairs of sawed blocks in cartons. |
| 512-HHF-06 | 11-21-72 | 9 | 4.1 | H. Stanley - Janitor broom sweeping. |
| 512-HHF-07 | 11-21-72 | 15 | 3.9 | H. E. Samples - Cementing pre-formed blocks. |
| 512-HHF-08 | 12-4-72 | 15 | 0.05 | L. I. Mitchell - Off bearing south saw 1st cut. |
| 512-HHF-09 | 12-4-72 | 15 | 5.3 | H. E. Watts - Separate sawed block - apply glue. |
| 512-HHF-10 | 12-4-72 | 9 | - | Bad filter - not counted. |
| 512-HHF-11 | 12-4-72 | 15 | 11.8 min. | H. E. Samples - Removing glued blocks from stack-edging. |
| 512-HHF-12 | 12-4-72 | 4 | 27.8 | H. E. Samples - Sawing block. |
| 512-HHF-13 | 12-4-72 | 13 | 6.5 | L. I. Mitchell - Off bearing second cut - placing in carton. |
| 512-HHF-14 | 12-4-72 | 1½ | 9.8 | L. I. Mitchell - Unpacking a single carton - sawed 22 pcs. |
| 512-HHF-15 | 12-4-72 | 1½ | 48.3 | L. I. Mitchell - Filling carton with sawed blocks. |

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All samples were collected on the person of the employee and each of them represents a peak exposure for the various work tasks. All work was involved with asbestos containing KAYLO block materials.

The problem area most deserving corrective measures is obviously the dumping procedure of the shop dust collecting facility. Excessive exposures are encountered in the handling, especially packing, of sawed block material.

Exposure values have not been reported to the employees nor to shop supervision.

Very truly yours,

H. H. Frazier

HHF:llh

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