UNION CARBIDE

INTERNAL CORRESPONDENCE

PLAINTIFF'S EXHIBIT
UC-2487

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CHEMICALS AND PLASTICS • P. O. BOX 8361, SOUTH CHARLESTON, WEST VIRGINIA 25303

To (name) Mr. W. T. Shelton
Location 704 Shop

Date February 13, 1979

Originating Dept. Technical Center IH/EP

Copy to Mr. G. F. Hurley
Mr. G. C. Merz
Mr. M. E. Perry
Mr. H. L. Robinson

Subject Covering Reactors with Asbestos Paper

770

PROJECT Survey for asbestos exposure of insulator covering two small reactor lids with 32-pound asbestos paper. Covering manufactured by Johns-Manville.

DATE OF SURVEY February 7, 1979

DISCUSSION It is common practice to cover small reactor lids with asbestos paper to protect operators from burns. The reactor lids are stainless steel and contain heating elements and are operated at elevated temperatures. When cooling the reactors the lids are removed. As a result of frequent handling the asbestos covering is abraded and must be replaced periodically.

Mr. J. R. Monin was monitored for asbestos exposure during the covering of two of these reactor lids.

The exposure was well below the TWA of 2 fibers/cc and a ceiling value of 10 fibers/cc.

RESULTS

Location	Personnel	Sampling Time-Min.	Exposure Fibers/cc > 5 μm
770 Shop	J.R. Monin	20/2 LPM	0.24

RECOMMENDATIONS Painting the reactor lids with VIMASCO after covering with asbestos paper reduces the rate of abrading and the distribution of asbestos fibers into the workplace.

UCC 024288

REFERENCES Volume 38C-29X4-R1a Asbestos Dust Determination by Membrane Filter Technique Using Phase Contrast Microscopy.

REPORT PREPARED BY G. W. Bott
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GWB/sc

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