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UNION CARBIDE CORPORATION TECHNICAL CENTER
P.O. BOX 8361, SOUTH CHARLESTON, WV 25303

PLAINTIFF'S EXHIBIT
UC-2667

To (Name) G. W. Phares
Division
Location 512
Area

Date July 24, 1985
Originating Dept. HS&EA
Area Industrial Hygiene

Copy to B. H. Avashia, M.D., 512
J. W. Barna, 512
T. L. Collins, 740-2
C. E. Cunningham, 512/5518
C. P. Maxwell, 725
M. L. Mills, 512
L. R. Noble, 725
D. R. Paugh, 512

Subject Asbestos Monitoring at Institute Plant

Attached are the results of asbestos monitoring conducted on 6/26/85 while construction employees worked to strip approximately 1000 ft^2 of old insulation from tank no. 5307 at the Alkylbenzene Unit.

Seven construction employees were used on the job with six insulators assigned to strip the insulation and one laborer to clean up and bag the insulation. The insulators also assisted during the clean up portion of the job. All employees were protected by usage of cartridge respirators, coveralls, gloves, and boots. The work area was well barricaded with asbestos hazard signs posted. A water hose was used to wet down the insulation prior to and during stripping.

All samples were found to contain levels of asbestos fibers well below the permissible exposure level of 2.0 fibers per c.c. of air. Monitoring was conducted throughout the entire period of time necessary for completion of the job. None of the employees involved did any work involving asbestos either before the start or after completion of the job. It was therefore possible to compute the time weighted average (TWA) exposures for the entire eight hour work day.

Please notify all employees of their exposure results. If we can be of further assistance, please contact us on either extension 3750 or extension 5904.

WORK BY: Mario F. Stowers
Mario F. Stowers

APPROVED BY: Manhar A. Patel
Manhar A. Patel

MFS:rfp
0438P

Attachment

Computer Reference: W1812

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PERSONAL EXPOSURE MONITORING FOR ASBESTOS AT INSTITUTE PLANT
ALKYLBENZENE UNIT

Sample No.	Date	Employee Name	Sampling Time	Air Conc. (fibers/cc)	TWAg (fibers/cc)	Comments
1	6-26-85	D. R. Smith	4 hrs. 49 min.	0.14	0.08	Insulator; stripped insulation; also helped clean up.
2	6-26-85	P. K. Snodgrass	4 hrs. 47 min.	0.23	0.14	Insulator; stripped insulation; also helped clean up.
3	6-26-85	R. O. Bowles	-	-	-	Sample discarded due to pump malfunction.
4	6-26-85	B. J. Agosti	4 hrs. 44 min.	0.15	0.09	Insulator; stripped insulation; also helped clean up.
5	6-26-85	C. B. Clendenin	4 hrs. 50 min.	0.14	0.08	Insulator; stripped insulation; also helped clean up.
6	6-26-85	L. R. Shaffer	4 hrs. 50 min.	0.17	0.10	Insulator; stripped insulation; also helped clean up.
7	6-26-85	C. D. Meyers	4 hrs. 50 min.	0.09	0.05	Laborer; bagged and cleaned up stripped insulation.

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