



INTERNAL
CORRESPONDENCE

WV-0098 #75

PLAINTIFF'S EXHIBIT

UC-4314

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

To: Name H. E. Rucker
Division 2009
Location 512
Area

Date August 25, 1987
Originating Dept. EM&TS - HS&EA
Area Industrial Hygiene

Copy to B. J. Agosti - 2009/512
B. H. Avashia, M.D. - 23/512
W. L. Browning - 2009/512
R. E. Coyner - 2009/512
C. M. Huttenpillir, Jr. - 77/512
S. E. Illikainen - 2-228/512
C. P. Maxwell - 701/2
B. R. McMakin - 2009/512
R. J. Romagnoli - 303/101

Subject Asbestos Exposure Monitoring

Attached are the results of asbestos monitoring for three days at the Cellosize Unit (Bldgs. 79 and 77) after the contamination of asbestos caused by a Heist blasting operation in the area south of building 77. All samples are well below the action level of 0.1 fiber/cc except the maintenance lunchroom area sample of building 77, collected on July 30, 1987. This sample was suspected of being "contaminated" as no other samples showed high levels of asbestos. In addition, two samples of dust collected off the air conditioner ledge and filter (approx. 3 feet from where the air sample was taken) were reported as nil for asbestos content as reported to this writer by the Institute Plant maintenance coordinator. The air conditioner was operating all day.

The personal exposure samples were below the 0.2 fiber/cc permissible exposure level standard per OSHA 29CFR 1926.58 and the action level of 0.1 fiber/cc as per the same standard.

Employees wore no street clothes, two pair of coveralls, headcover, boots, gloves and an AO R57-A HEPA half-face cartridge respirator. They showered before lunch and at the end of the workday before leaving plant.

IH MONITORING - continued

-2-

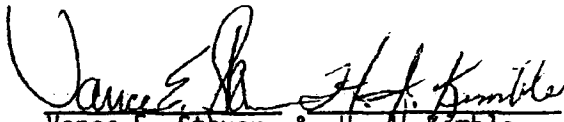
August 25, 1987

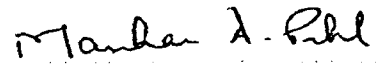
Please inform _____ of their exposure monitoring results as soon as possible. Have them sign and date this report and return it to M. A. Patel at Building 701-330.

If you have any questions or we can be of further assistance call us on extension 6485 or 3750.

WORK BY:

APPROVED BY:


Vance E. Stover & H. J. Kimble


Manhar A. Patel

Attachment

VES:HJK:MAP:rab
2632P

UCC 011366

Comp. Ref. W2265
W2266
W2267

ASBESTOS EXPOSURE MONITORING

<u>Date</u>	<u>Sample Type/ Employee Name</u>	<u>Sampling Time</u>	<u>Air Conc. fibers/cc</u>	<u>TWAg fibers/cc</u>	<u>COMMENTS</u>
7/30/87	AREA	6hrs 17min	0.011		30 feet west of southwest corner of Bldg. 77 at barricade at breathing zone level.
7/30/87	AREA	6hrs 20min	> *0.886		In maintenance lunch room of Bldg. 77 on refrigerator at breathing zone level.
7/30/87	AREA	6hrs 13min	0.004		Under Cellosize Unit pipe half way on the east-west run at cooler on north side at breathing zone level.
7/31/87	AREA	9hrs 8min	0.022		In lunchroom of Bldg. 77 on refrigerator at breathing zone level.
7/31/87	AREA	3hrs 1min	0.007		30 feet west of southwest corner of Bldg. 77 at barricade at breathing zone level.
7/31/87	AREA	8hrs 40min	0.004		At doghouse (unloading shack) on south side of Bldg. 77 1 feet east of barricade at breathing zone level.
7/31/87		5hrs 12min	0.010	0.006	Insulator was HEPA vacuuming equipment and structure in toolroom of Bldg. 77 and shop area.
8/1/87		7hrs 40min	0.008	0.009	Insulator was HEPA vacuuming equipment and structure in toolroom of Bldg. 77 and shop area.
8/1/87		13hrs 16min	0.008	0.013	Insulator was HEPA vacuuming equipment and structure in toolroom of Bldg. 77 and shop area.
8/1/87	AREA	13hrs 17min	0.003		At barricade outside door to maintenance toolroom in Bldg. 77 shop area.

*See note in cover letter.

2632P

UCC 011367

