



INTERNAL
CORRESPONDENCE

PLAINTIFF'S EXHIBIT

UC-2798

UNION CARBIDE CORPORATION TECHNICAL CENTER
P.O. BOX 5361, SOUTH CHARLESTON, WV 25303

To: H. E. Rucker
512
2009

Date: September 18, 1987

Department: EM&TS - HS&EA

Subject: Industrial Hygiene

Copy to: B. H. Avashia, M.D. - 512/23
W. L. Browning - 512/2149
R. E. Coyner - 512/2009
C. M. Huttenpillir, Jr. - 512/77
S. E. Illikainen - 512/2
C. P. Maxwell - 511/701-2
B. R. McMakin - 512/2009
R. J. Romagnoli - 512/303

Subject: Asbestos Exposure Monitoring

Attached are the results of the seven days of asbestos monitoring, while completing the cleanup at Cellosize Building 77. This included the storeroom, maintenance shop, equipment and tools, maintenance lunchroom, the backroom off of the shop, the electrical switchrack room, the mezzanine and the outside area south of building 77. The rooms inside the building were sealed as much as possible and air was continuously exhausted through HEPA filters.

All area and personal samples for the final seven days of monitoring were below the 0.2 fiber/cc permissible exposure level standard per OSHA asbestos standard 29CFR 1926.58 and were below the 0.1 fiber/cc action level per the same standard.

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

Please inform G. F. Sowards, J. C. Coyner, S. R. Erskine, D. W. Brogan and M. L. Wallace 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.

UCC 024837

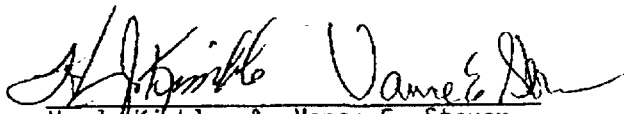
September 18, 1987

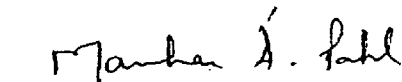
Please commend all the employees involved in this job for an outstanding performance under difficult conditions.

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

WORK BY:

APPROVED BY:


H. J. Kimble & Vance E. Stover


Manhar A. Patel

Attachment

HJK:VES:MAP:rab
2699P

Comp. Ref:
W2286 W2287
W2288 W2289
W2290 W2291
W2292

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>
8-2-87	Personal/ G. F. Sowards	542 min	0.013	0.015	Cleaning Building 77 Storeroom and equipment.
8-2-87	Area	541 min	0.013	-	Building 77 - Four feet from east wall of maintenance shop at breathing level.
8-2-87	Area	540 min	0.009	-	Building 77 - On south wall by double doors at entrance to maintenance shop.
8-3-87	Personal/ J. C. Coyner	447 min	0.018	0.017	Cleaning Building 77 Storeroom and equipment.
8-3-87	Area	440 min	0.016	-	Building 77 - Breathing zone level at entrance to decontamination chamber shop.
8-3-87	Area	438 min	0.014	-	Four feet from east wall of maintenance shop of Building 77 - breathing zone level.
8-4-87	Personal/ S. R. Erskine	451 min	0.020	0.019	Cleaning beam and overhead ledges in Building 77 maintenance shop.
8-4-87	Area	452 min	0.012	-	Four feet from east wall of maintenance shop of Building 77 - breathing zone level.
8-4-87	Area	332 min	0.010	-	Building 77 Shop - Breathing zone level at entrance to decontamination chamber.
8-4-87	Area	121 min	0.008	-	Building 77 - Breathing zone level in #5 switchrack Electrical Room over 508 transformer after room was cleaned and vacuumed.

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W2288 W2289
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W2292

ASBESTOS EXPOSURE MONITORING

(continued)

<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>
8-5-87	Area	437 min	0.069	-	Building 77 - At entrance to decontamination chamber, breathing zone level.
8-5-87	Area	453 min	0.069	-	At breathing zone level in toolroom shop of Building 77 by door.
8-5-87	Personal/ D. W. Brogan	458 min	0.062	0.059	Cleaning toolroom shop of Building 77.
8-10-87	Personal/ M. L. Wallace	365 min	0.055	0.042	Final cleaning in toolroom and shop area of Building 77, wire brushing and vacuuming.
8-10-87	Area	365 min	0.064	-	Backroom of Building 77 shop area at outside wall, breathing zone level.
8-10-87	Area	366 min	0.067	-	Breathing zone level at east wall of main shop area of Building 77.
8-13-87	Personal/ M. L. Wallace	444 min	0.034	0.032	Cleaning area and equipment in Mezzanine of Building 77.
8-13-87	Personal/ D. W. Brogan	445 min	0.037	0.035	Cleaning area and equipment in Mezzanine of Building 77.
8-13-87	Area	446 min	0.015	-	At inlet to HEPA exhaust in Mezzanine of Building 77.
8-20-87	Personal/ J. C. Coyner	440 min	0.012	0.011	Cleaning up slag south of Building 77 and putting in fiber paks.
8-20-87	Area	445 min	0.008	-	At breathing zone level at southwest corner of regulated area while cleaning up slag south of Building 77.

2699P

UCC 024840