



INTERNAL
CORRESPONDENCE

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

To (Name) H. E. Rucker
Division 512/2009
Location
Area

Date May 4, 1987

Originating Dept. EM&TS - HS&EA

Area Industrial Hygiene

Subject Asbestos Exposure Monitoring

PLAINTIFF'S EXHIBIT

UC-2999

Copy to B. H. Avashia - 512/23
J. W. Barna - 2009/6
W. L. Browning - 2009
J. E. Llana - 740/2320
C. P. Maxwell - 701/2
B. R. McMakin - 2009
F. R. Sunderland - 2009

Attached are the results of asbestos exposure monitoring for three days on insulators at the Institute Plant doing asbestos removal on lines in the #1 and #2 dock areas. A 3-inch steam line and two 3-inch product lines were stripped from the river to the top of the river bank and the risers across the road was stripped. Glove bags and enclosures were not used because it was not feasible according to the construction department and the 512 Plant Industrial Hygiene department. Employees used a powered man-basket to reach lines that were overhead.

All personal exposure samples were below the 2.0 fiber/cc level which permits the use of half-face HEPA cartridge respirators while employees are being monitored per OSHA asbestos standard 29CFR 1926.58. One personal exposure sample exceeded the 0.2 fiber/cc permissible exposure level standard and four exceeded the 0.1 fiber/cc action level standard. Exposure monitoring may not be required in some instances where supplied air respirators in a positive pressure mode are being used while stripping and removing asbestos insulation. We encourage you to use supplied air respirators as much as possible in the asbestos abatement procedures.

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

UCC 024447

Comp ref. W2187
W2188
W2189

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>
4-21-87	Personal/ S. R. Erskine	6hr 36min	0.209	0.172	Stripped, bagged and vacuumed approx. 90 feet of line at #1 dock.
4-21-87	Personal/ B. J. Agosti	6hr 38min	0.142	0.118	Stripped, bagged and vacuumed approx. 90 feet of line at #1 dock.
4-21-87	Personal/ P. K. Snodgrass	6hr 33min	0.003	0.003	Stripped, bagged and vacuumed approx. 90 feet of line at #1 dock.
4-22-87	Personal/ S. R. Erskine	7hr 4min	0.239	0.211	Stripped, bagged and vacuumed approx. 100 feet of line at #1 dock.
4-22-87	Personal/ P. K. Snodgrass	7hr 2min	0.002	0.001	Stripped, bagged and vacuumed approx. 100 feet of line at #1 dock.
4-22-87	Personal/ C. B. Clendenin	7hr 3min	0.052	0.046	Stripped, bagged and vacuumed approx. 100 feet of line at #1 dock.
4-23-87	Personal/ P. K. Snodgrass	7hr 6min	0.157	0.139	Stripped, bagged and vacuumed approx. 130 feet of line at #1 and #2 docks.
4-23-87	Personal/ C. B. Clendenin	7hr 5min	0.046	0.041	Stripped, bagged and vacuumed approx. 130 feet of line at #1 and #2 docks.
4-23-87	Personal/ S. R. Erskine	7hr 4min	0.129	0.113	Stripped, bagged and vacuumed approx. 130 feet of line at #1 and #2 docks.

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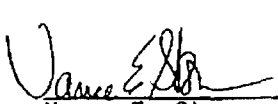
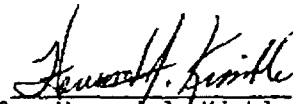
May 4, 1987

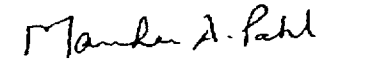
Please inform S. R. Erskine, B. J. Agosti, P. K. Snodgrass and C. B. Clendenin of their exposure monitoring results as soon as possible. Have them sign and date this report and return to M. A. Patel at Building 701-330.

If you have any questions or if we can be of further assistance, please call us on extension 4779 or 3750.

WORK BY:

APPROVED BY:

 
Vance E. Stover & Howard J. Kimble


Manhar A. Patel

Attachment

VES:HJK:MAP:rab
2289P