



INTERNAL
CORRESPONDENCE

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

To: H. E. Rucker

From: 512/2009

Date:

Area:

Date: September 28, 1987

Originating Dept: EM&TS - HS&EA

Area: Industrial Hygiene

Subject: Asbestos Exposure Monitoring

Copy to: B. H. Avashia, M.D. - 512/23

J. W. Barna - 2009/6

W. L. Browning - 2009

R. E. Coyner - 2009

C. P. Maxwell - 701/2

B. R. McMakin - 2009

Attached are the results of three days asbestos monitoring on insulators at the Institute Plant while removing asbestos from approx. 580 feet of line in the trench at the ethylene oxide unloading rack between the #2 and #3 docks. The area was barricaded and amended water was used throughout the abatement process. An enclosure was not used because of train movement through this area on a daily basis.

Two of the seven personal samples exceeded the 0.2 fiber/cc permissible exposure level of OSHA Standard 29 CFR 1926.58. Two of the seven samples exceeded the 0.1 fiber/cc level of the same standard. We encourage the use of supplied air respirators as much as possible in the asbestos abatement program.

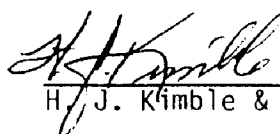
Employees wore not street clothes, two pair of coveralls, headcovers, boots, gloves and AO R57-A HEPA half-face cartridge respirators.

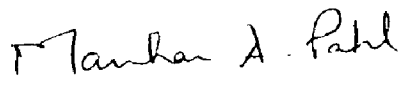
Please inform _____ of the monitoring results as soon as possible. Have them sign this report and return to M. A. Patel at 511/701-330.

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

WORK BY:

APPROVED BY:

 V. E. Stover / RAB
H. J. Kimble & V. E. Stover


Manhar A. Patel

Attachment
HJK:VES:MAP:rab
2712P

Comp. Ref. W2293
W2294
W2295

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>
6-9-87		437 min	0.047	0.043	Stripped approx. 250 feet of line in trench at Ethylene Oxide unloading rack.
6-9-87		436 min	0.138	0.125	Stripped approx. 250 feet of line in trench at Ethylene Oxide unloading rack.
6-10-87		444 min	0.064	0.059	Stripped approx. 180 feet of line in trench at Ethylene Oxide unloading rack.
6-10-87		443 min	0.165	0.152	Stripped approx. 180 feet of line in trench at Ethylene Oxide unloading rack.
6-10-87		443 min	0.404	0.373	Stripped approx. 180 feet of line in trench at Ethylene Oxide unloading rack.
6-11-87		431 min	0.046	0.041	Stripped approx. 150 feet of line in trench at Ethylene Oxide unloading rack.
6-11-87		432 min	0.258	0.237	Stripped approx. 150 feet of line in trench at Ethylene Oxide unloading rack.

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