PLAINTIFF'S EXHIBIT

UC-3489

Union Carbide
Agricultural Products Company, Inc.
Institute Plant

INDUSTRIAL HYGIENE SAMPLING RESULTS

TO: Mr. P. J. Morris
Building 23
Institute Plant

COPIES TO: Mr. M. Adkins, Jr.
Mr. C. R. Thomas
Mr. L. W. Youngblood

Purpose: ____ Quarterly ____ Semiannually ____ Annually
____ Regulatory Agency Inspection __x__ Other (See Comments)

Sample Date(s): December 19, 1985
Sample Location: MIC-II Unit - Maint. Comp. 7 Department No.: 327
Process/Activity: Pipe insulation removal
Contaminant: Asbestos
Exposure Limit: OSHA 2 fibers/cc ACGIH ____
UCC ____
Sample Type: __x__ Personal __x__ Area ____ Source
____ Surface Wipe ____ Other (See comments)
Analytical Method: NIOSH 7400
Results: ____ See Comments __x__ See Attached Table

COMMENTS: A Maintenance Complex 7 insulator/painter was monitored for exposure to airborne asbestos fibers on the above date. Area concentrations of airborne asbestos fibers were measured too. Monitoring was performed while insulation was being stripped from pipes that were lying on a plastic sheet inside the dike wall that surrounds the old phthalic anhydride tanks at the MIC-II Unit. It was not necessary to wet the insulation as it was being removed because it had become water logged and, at the time of removal, was frozen due to the cold weather. Nevertheless, respirators and protective clothing were worn by the three men performing the work.

Since the airborne fiber concentration was unknown at the time of sampling, two sets of samples (having different sample times) were taken to insure that at least one of the sets would produce valid results. All monitoring results were below the lower calibration limit for the analytical

Union Carbide trial exhibit UC-3489: Industrial Hygiene Sampling Results for Asbestos Pipe Insulation Removal at I...
Published by AsbestosClaims.Law
ACL Doc 18239 · Page 1 of 3
asbestosclaims.law/library/18239/1

Union Carbide
Agricultural Products Company, Inc.
Institute Plant

INDUSTRIAL HYGIENE SAMPLING RESULTS - CONTINUED

method, which is well below the OSHA permissible exposure limit. Area concentrations and personal exposures to airborne asbestos fibers were maintained at safe levels during this job.

RECOMMENDATIONS: None

Report Date: January 14, 1986

Signed: Erik A. Oxley Bldg. 2 Room: 172 Phone 6105

NOTE: ALL PERSONAL SAMPLE RESULTS MUST BE DISCUSSED WITH THE PARTICIPATING EMPLOYEE

1335k

AU4023

UCC 009008

ENVIRONMENTAL HEALTH LABORATORY
1021 Georgia Ave. / Macon, Georgia 31201
(800) 841-8819 / In GA (912) 745-4702
LABORATORIES IN MACON, GA AND HARTFORD, CT.

RECEIVED
JAN 17 1986
SAFETY - I. H.

LABORATORY ANALYSIS REPORT

To: E. A. Osby

Account: Union Carbide Argricultural Products Co., Inc.

Location: P. O. Box 2831
Charleston, WV 25301

Report No.: 86A0007 Revised
Purchase Order No.: N/A
Date Received: 01-03-86
Date Reported: 01-14-86

Analysis: Fiber Count
Analytical Method: NIOSH 7400; Phase Contrast Microscopy;
Walton-Beckett Reticle; 450 x magnification

Sample No. (AA)	Air Volume (Liters)	Fibers, longer than 5 microns, per cc of air.
W-4409-1	120	<0.095
W-4409-2	120	<0.095
W-4409-3	120	<0.095
W-4409-4	36	<0.32
W-4409-5	32	<0.36
W-4409-6	29.8	<0.38

cc= Cubic Centimeter.

A blank filter was not provided. We recommend that a blank be submitted with each set of samples so that the sampling media can be checked for possible interferences or background contamination.

A04025

Chemist _____ Date: _____

Jeanne A. Gibbs

< = Less than.

Union Carbide trial exhibit UC-3489: Industrial Hygiene Sampling Results for Asbestos Pipe Insulation Removal at I...
ACL Doc 18239 · Page 3 of 3
Published by AsbestosClaims.Law
asbestosclaims.law/library/18239/3