



INDUSTRIAL
CORRESPONDENCE

PLEASE VERBALLY DISCUSS THESE
MONITORING RESULTS WITH THE
INDUSTRIAL HYGIENE GROUP

UNION CARBIDE CORPORATION

AGRICULTURAL PRODUCTS DIVISION, 1000 WEST 10TH AVENUE, DENVER, CO 80202

RECEIVED

AUG 05 1982

To (Name) Mr. D. K. Garrett
Division Building 264
Location Institute Plant
Area

Date July 30, 1982
Department/Div Industrial Hygiene

Fred Williams

Copy to Dr. B. H. Avashia
Mr. J. T. Young
Mr. F. Williams

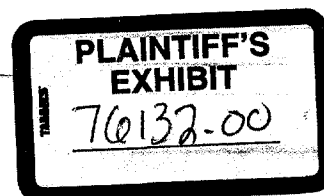
Area
Subject Monitoring for Personal
Exposure to ASBESTOS
During Pipeline Demolition

Arrangements were made to monitor for personal exposure to asbestos fibers during a major job of demolition of asbestos containing insulation from old piping. Personnel from the Central Insulating Group were involved in a typical demolition project in an area along E street between 3rd and 5th Avenues during the first week of July.

Eight personal samples were collected during this time period, together with an area sample at the MCB Unit. Kaylo asbestos insulation with double application and protective covering was being removed from a 4" pipeline. Proper plant guideline procedures were observed to be followed throughout the course of the job. Personnel involved wore adequate respiratory protection while the old insulation material was wetted with a fire hose, dropped to a plastic lined truck bed and covered for transport to the landfill.

Samples were collected for 15 minute time periods on filter cassettes while employees were actively engaged in specific job tasks. Fiber counting by phase contrast microscopy was performed by the R & D Industrial Hygiene Group. Results were as follows:

Date	Name	Air Conc., Fibers/cc	Job Task
6/28/82	M. R. Fisher	1.4	Stripping & Bagging
	T. B. Kugel	<0.1	Transfer filled bags to truck
7/1/82	J. L. Vaten	<0.1	Stripped protective covering
	M. R. Fisher	0.2	Removing wetted insulation
	T. C. White	0.9	Stripped protective covering
	M. E. Johnson	<0.1	Picked up scrap & bagged
7/2/82	T. C. White	0.3	Stripped protective covering
	J. L. Vaten	1.7	Stripped and removed wetted insulation
	Area	<0.1	Pipeline valve replacement where demolition was completed



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