UNION CARBIDE

INTERNAL
CORRESPONDENCE

RECEIVF 27(6)

NOV 8 2 1983

D. R. PA

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

To: D. R. Paugh
Bldg.: 511-2009
Ext.: 512

Date: November 22. 1983

Subject: 511 Industrial Hygiene/
Environmental Protection

cc: C. P. Maxwell
M. L. Mills
L. R. Noble
R. E. Peele
R. W. Scoular

Subject: 1984 Industrial Hygiene Program
for 511 Construction Department

Dear Mr. Paugh:

I am enclosing an Industrial Hygiene Program for 1984 as it relates to 511 Construction Department.

This program is by no means exclusive. We will be making necessary adjustments during the year if required.

If I can be of any assistance in this matter, please feel free to call me at extension 3750.

Very truly yours,

Manhar A. Patel

Manhar A. Patel

MAP/sc

Attachment

Can we be more specific on when this will be done.

PLAINTIFF'S EXHIBIT

UC-3429

UCC 017241

Published by AsbestosClaims.Law
asbestosclaims.law/library/18188/1

1984 INDUSTRIAL HYGIENE PROGRAM
FOR
511 CONSTRUCTION DEPARTMENT

I. CHEMICAL EXPOSURE MONITORING	FREQUENCY
A. Welding Fumes (e.g., Fe, Cd, Al. Cr, Ni, Cu, Zn)	
Pipe Fab Shop	
Personal exposure monitoring.	Once per year
Metal Fab Shop	
Personal exposure monitoring.	Once per year
Modular Shop	
Personal exposure monitoring.	Once per year
B. Metals Other Than Welding	
Galvanizing Shop (lead, zinc)	
Personal exposure monitoring.	Once per year
Field Lead Pipe Joints	
Personal exposure monitoring.	As needed
C. Dust	
Insulation Shop	
Area and personal exposure monitoring.	Once per year
Blasting Shed	
Area and personal exposure monitoring.	Once per year
Modular Shop	
Area and personal exposure monitoring.	Once per year
D. Isocyanates	
Insulation Shop	
Personal and area exposure monitoring.	Once per year

Union Carbide trial exhibit UC-3429: Manhar A. Patel to D. R. Paugh Transmitting the 1984 Industrial Hygiene Progr… Published by AsbestosClaims.Law
ACL Doc 18188 · Page 2 of 4 asbestosclaims.law/library/18188/2

I. CHEMICAL EXPOSURE MONITORING (continued)	FREQUENCY
E. Methylene Chloride	
Insulation Shop	
Area and personal exposure monitoring.	Once per year
F. Methyl Ethyl Ketone	
Paint Shop	Once per year
Blasting Shed	Once per year
Modular Shop	Once per year
G. 1,1,1-Trichloroethane	
Welding Shops	Once per year
H. Nitrogen Dioxide	
Metal Fab Shop	
Area and personal exposure monitoring.	Once per year
Pipe Fab Shop	
Area and personal exposure monitoring.	Once per year
I. Ozone	
Metal Fab Shop	
Area monitoring.	Once per year
Pipe Fab Shop	
Area monitoring.	Once per year
J. Asbestos	
Storeroom	
Area and personal exposure monitoring.	Once per year
In The Field	
Area and personal exposure monitoring.	As needed
K. Other chemicals will be monitored in the workplace depending upon the knowledge of their use, evaluation of the situation and availability of technology for measurement.	

Union Carbide trial exhibit UC-3429: Manhar A. Patel to D. R. Paugh Transmitting the 1984 Industrial Hygiene Progr… Published by AsbestosClaims.Law
ACL Doc 18188 · Page 3 of 4 asbestosclaims.law/library/18188/3

		FREQUENCY
II.	NOISE	
	Pipe Fab Shop	
	Metal Fab Shop	
	Carpenter Shop	
	Heavy Equipment	
	Area and personal exposure monitoring.	Once in 1984
III.	MICROWAVE OVENS	
	IH will maintain inventory of all microwave ovens within Location 511.	
	All microwave ovens will be surveyed for leaks.	Twice per year
IV.	VENTILATION	
	All ventilation systems within the Construction Department will be surveyed.	Once per year
V.	BREATHING AIR QUALITY CHECK	
	All air cylinders used for respiratory protection will be checked for quality.	As needed
VI.	DEVELOP HEALTH HAZARD AND PROTECTION INFORMATION FOR CHEMICALS USED WITHIN SHOPS OR OUTSIDE.	As needed
VII.	PARTICIPATE IN SAFETY REVIEWS	As needed
VIII.	UPDATE AND MAINTAIN LISTS	
	A. Carcinogen List	Keep evergreen
	B. Embryo-Fetus Protection List	
IX.	TRAINING	
	A. Noise	
	Provide assistance to 511 Safety Department.	As needed
	B Embryo-Fetus Protection	As needed
	C. Other Training	As needed
X.	AUDIT OF WEST VIRGINIA POSTING REGULATION	Twice per year

Union Carbide trial exhibit UC-3429: Manhar A. Patel to D. R. Paugh Transmitting the 1984 Industrial Hygiene Progr… Published by AsbestosClaims.Law
ACL Doc 18188 · Page 4 of 4 asbestosclaims.law/library/18188/4