



INTERNAL
CORRESPONDENCE

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

D. R. PAUGH

To: D. R. Paugh
From: 511-2009
Subject: 512

Date: November 22, 1983

Re: 511 Industrial Hygiene/
Environmental Protection

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

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.

UCC 017241

PLAINTIFF'S EXHIBIT

UC-3429

1984 INDUSTRIAL HYGIENE PROGRAM
FOR
511 CONSTRUCTION DEPARTMENT

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

I. <u>CHEMICAL EXPOSURE MONITORING</u> (continued)	<u>FREQUENCY</u>
E. <u>Methylene Chloride</u> <u>Insulation Shop</u> Area and personal exposure monitoring.	Once per year
F. <u>Methyl Ethyl Ketone</u> <u>Paint Shop</u> Once per year <u>Blasting Shed</u> Once per year <u>Modular Shop</u> Once per year	
G. <u>1,1,1-Trichloroethane</u> <u>Welding Shops</u> Once per year	
H. <u>Nitrogen Dioxide</u> <u>Metal Fab Shop</u> Area and personal exposure monitoring. Once per year <u>Pipe Fab Shop</u> Area and personal exposure monitoring. Once per year	
I. <u>Ozone</u> <u>Metal Fab Shop</u> Area monitoring. Once per year <u>Pipe Fab Shop</u> Area monitoring. Once per year	
J. <u>Asbestos</u> <u>Storeroom</u> Area and personal exposure monitoring. Once per year <u>In The Field</u> 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.	

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