



PLAINTIFF'S EXHIBIT

FD-1412

Inter Office

Personnel and Organization Staff

April 27, 1981

Mr. Paul E. Toth, Manager
Industrial Hygiene and Toxicology Department

Subject: Ambient Air Asbestos Monitoring

Per your agreement with Manufacturing Staff we conducted ambient air asbestos monitoring at the Cleveland Engine Plants (February 5, 1981) and at Sheldon Road (March 6, 1981). It was further agreed that other plants reporting forms of asbestos use would be monitored. As can be seen from the attached data sheets no significant levels were found at either plant. Since the data confirms the studies I did when the asbestos standard was initially promulgated and as the Plant Engineering Bulletin detailing the proper handling of asbestos in maintenance operations is still in effect we believe that further monitoring of plants using minor amounts of asbestos in maintenance operations is unwarranted.

Please advise us of your decision in this matter at your earliest convenience.

H. B. Lick
Senior Industrial Hygienist
Industrial Hygiene and Toxicology Dept.
Employee Health Services

dt

Attachments

SCF-FORD-3096

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INDUSTRIAL HYGIENE SERVICES SECTION
INDUSTRIAL HYGIENE AND TOXICOLOGY DEPARTMENT
EMPLOYEE HEALTH SERVICES

SHELDON ROAD PLANT
Departments 8430 and 8610
March 6, 1981

PERMISSIBLE OCCUPATIONAL EXPOSURE LIMITS FOR AIRBORNE CONTAMINANTS

<u>Contaminant</u>	<u>Permissible Exposure Limit in f/cc*</u>
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Asbestos	2.0
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*f/cc = fibers of asbestos per cubic centimeter of air

RESULTS

<u>Location/Conditions</u>	<u>Airborne Asbestos Concentration in f/cc</u>
Dept. 8430 - Maintenance Fabrication (Former Asbestos Mix Room)	
General Area Air Sample, 1st floor at D-9 end of room	0.008
General Area Air Sample, 1st floor at D-11 end of room	0.009
General Area Air Sample, 2nd floor at D-9 end of room	0.008
General Area Air Sample, 2nd floor at D-11 end of room	0.008
Dept. 8610 - Injection Molding (Former Molding and Deflashing Dept)	
General Area Air Sample at column D-11	0.009
General Area Air Sample at column F-10	0.007
General Area Air Sample at column E-14	0.009
General Area Air Sample at column H-11	0.009

DATA RETRIEVAL NUMBERS: HBL 1198 - 1205

INSTRUMENTATION AND ANALYSIS: Bendix BDX pumps with Milipore Type AA 0.8 u Membrane filters. Fibers counted using 430X Phase Contrast Microscopy.

ANALYST: L. Latorre, Senior Industrial Hygienist

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INDUSTRIAL HYGIENE SERVICES SECTION
INDUSTRIAL HYGIENE & TOXICOLOGY DEPARTMENT
EMPLOYEE HEALTH SERVICES

Cleveland Engine Plants 1 and 2

Departments 4690 and 4976

February 25, 1981

PERMISSIBLE OCCUPATIONAL EXPOSURE LIMIT FOR AIRBORNE CONTAMINANTS:

<u>Contaminant</u>	<u>Permissible Exposure Limit in f/cc*</u>
Asbestos	2.0

* f/cc = Fibers of asbestos per cubic centimeter of air.

RESULTS

<u>Location/Conditions</u>	<u>Airborne Asbestos Concentration in f/cc</u>
<u>Cleveland Engine No. 1, Dept. 4690 - Metal Stamping</u>	
General Area Air Sample, near Column BB5 next to furnace 902	<0.01
General Area Air Sample, near Column BB6 at control panel	<0.01
General Area Air Sample, near Column BB7 at panel for west fan	<0.01
<u>Cleveland Engine No. 2, Dept. 4976 - 351 Camshaft Hardening</u>	
General Area Air Sample, near Column C-26	<0.01
General Area Air Sample, near Column D-26	<0.01

DATA RETRIEVAL NUMBERS: HBL 1193 - 1197

INSTRUMENTATION AND ANALYSIS: Bendix BDX pumps with Milipore Type AA, 0.8 u membrane filters. Fibers counted using 430 x Phase Contrast microscopy.

ANALYST: L. Lutorre, Senior Industrial Hygienist.

ROD METER COMPANY
Industrial Hygiene & Toxicology Laboratory
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