PLAINTIFF'S EXHIBIT
UC-2489

INDUSTRIAL HYGIENE SAMPLING

Elec.

te 5-10-72 Location - Bldg. 770 Room Shop

ONTAMINANT asbestos - Clay Collected By Midkiff

IDENTIFICATION

1. Stripping of pre-heater (insulation being removed)

13 min @ 2 lpm

npling Equipment Used

eration being monitored

UCC 024294

INDUSTRIAL HYGIENE DEPARTMENT
ASBESTOS DUST STUDY

Department PLANT 511 Bldg. 770 ELEC. SHOP Date 5/10/72 Time

Sampled By: MIDKIFF Analyzed By: C. E Wall Method: 38C-2914-R1

Gereral Conditions: STRIPPING OF PRE-HEATER (INSULATION BEING REMOVED)

FIBER COUNT (Fibers > 5μ in Length)

Slide 1				Slide 2			
1	0	11	0	1	1	11	0
2	0	12	1	2	0	12	0
3	0	13	1	3	1	13	0
4	0	14	1	4	6	14	1
5	0	15	0	5	1	15	1
6	0	16	0	6	0	16	0
7	1	17	0	7	1	17	1
8	0	18	1	8	1	18	1
9	0	19	1	9	0	19	0
10	0	20	0	10	0	20	0
Total	6	Avg.	.3	Total	8	Avg.	.4

CALCULATIONS

SAMPLE VOLUME: 13 Min. @ 2 LPM = 26 LITERS

$$\frac{(\text{Avg. Fiber Count} - \text{Avg. Blank Count})(\text{Total Filter Area})}{(\text{Counting Area})(\text{Vol. Air-Liters})(1000)} = \text{Concentration, Fibers per Milliliter} > 5\mu$$

1. $\frac{(3 - \quad)(855)}{(0.00792)(26)(1000)} = 1.7$ Fibers per Milliliter > 5μ

2. $\frac{(.4 - \quad)(855)}{(0.00792)(26)(1000)} = 1.2$ Fibers per Milliliter > 5μ

Special Conditions:

Remarks: RESULTS RECORDED IN 9-JAN-100

UCC 024295

INDUSTRIAL HYGIENE DEPARTMENT
ASBESTOS DUST STUDY

Department [illegible] Bldg. 77[illegible] Date [illegible] Time [illegible]

Sampled By: [illegible] Analyzed By: [illegible] Method: [illegible]

General Conditions: [illegible]

FIBER COUNT (Fibers > 5μ in Length)

	Slide 1		Slide 2	
1	2	11	1	
2		12	2	
3		13	3	
4		14	4	
5		15	5	
6	2	16	6	
7	1	17	7	
8		18	8	
9		19	9	
10	2	20	10	
Total		Avg.	Total 9	Avg. .45

CALCULATIONS

SAMPLE VOLUME: 13 Min. @ 2 LPM = [illegible] LITERS

$$\frac{(\text{Avg.Fiber Count}-\text{Avg.Blank Count})(\text{Total Filter Area})}{(\text{Counting Area})(\text{Vol.Air-Liters})(1000)} = \text{Concentration, Fibers per Milliliter} > 5\mu$$

1. $\frac{(\quad - \quad)(\quad)}{(\quad)(\quad)(1000)} =$ 1.2 Fibers per Milliliter > 5μ

2. $\frac{(.45 - \quad)(\quad)}{(\quad)(\quad)(1000)} =$ 1.7 Fibers per Milliliter > 5μ

Special Conditions: [illegible]

Remarks: RESULTS RECORDED ON 9-JAN-100

UCC 024296

INDUSTRIAL HYGIENE
SAMPLING

Date 5-10-72 Location - Bldg. 770 Room Elec. Shop

CONTAMINANT asbestos - Clay Collected By Mickliff

IDENTIFICATION

1. Stripping of pre-heater (insulation being removed)

13 min @ 2 lpm

Sampling Equipment Used

Operation being monitored

UCC 024297