PLAINTIFF'S EXHIBIT

UC-2489

INDUSTRIAL HYGIENE SAMPLING

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

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 Wolf 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 0	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 ON 9-JAN-100

INDUSTRIAL HYGIENE DEPARTMENT
ASBESTOS DUST STUDY

Department _____ Bldg. _____ Date _____ Time _____

Sampled By: _____ Analyzed By: _____ Method: _____

General Conditions: _____

FIBER COUNT (Fibers > 5μ in Length)

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

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. $\frac{(\quad - \quad)(\quad)}{(\quad)(\quad)(1000)} =$ 1.4 Fibers per Milliliter > 5μ

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

Special Conditions: _____

Remarks: RESULTS RECORDED ON 9-TEN-100

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