PLAINTIFF'S EXHIBIT

UC-4605

INDUSTRIAL HYGIENE DEPARTMENT
ASBESTOS DUST STUDY

Department INSULATORS Bldg. 121 Date 8-21-72 Time 10 41 AM

Sampled By: PERRY Analyzed By: PERRY Method: 38C-29X4-R1

General Conditions: CLEANUP OF DEBRIS FROM INSULATION TEAR OUT NORTHEAST CORNER FIRST FLOOR OF BLDG 121

INSULATOR : W. E. WILLIAMS

FIBER COUNT (Fibers > 5μ in Length)

Slide 1				Slide 2			
1	4	11	6	1	4	11	7
2	3	12	5	2	8	12	4
3	8	13	6	3	5	13	12
4	2	14	5	4	4	14	9
5	11	15	3	5	8	15	4
6	2	16	4	6	5	16	5
7	11	17	6	7	3	17	10
8	4	18	6	8	7	18	4
9	1	19	0	9	5	19	12
10	3	20	4	10	6	20	9
Total	94	Avg.	4.7	Total	130	Avg.	6.5

CALCULATIONS

SAMPLE VOLUME: 17 Min. @ 1.8 LPM = 30.6 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. $\frac{(4.7 - 0)(855)}{(0.01496)(30.6)(1000)} = 8.78$ Fibers per Milliliter > 5μ

avg. - 10 FIBERS

2. $\frac{(6.5 - 0)(855)}{(0.01496)(30.6)(1000)} = 12.14$ Fibers per Milliliter > 5μ

Special Conditions:

Remarks:

UCCTXC 06679

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