PLAINTIFF'S EXHIBIT

UC-4604

INDUSTRIAL HYGIENE DEPARTMENT
ASBESTOS DUST STUDY

Department INSULATORS Bldg. 12A Date 8-21-72 Time 10 30 AM

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

General Conditions: TEARING OUT AND CLEANING UP KAYLO INSULATION

INSULATOR — W. E. WILLIAMS

FIBER COUNT (Fibers > 5μ in Length)

	Slide 1		Slide 2	
1	4	11 2	1 4	11 2
2	3	12 4	2 1	12 12
3	5	13 7	3 0	13 3
4	5	14 6	4 2	14 0
5	2	15 1	5 8	15 3
6	1	16 3	6 5	16 3
7	3	17 3	7 8	17 3
8	1	18 4	8 7	18 5
9	1	19 6	9 4	19 1
10	2	20 5	10 3	20 7
Total	68	Avg. 3.4	Total 81	Avg. 4.05

CALCULATIONS

SAMPLE VOLUME: 10 Min. @ 1.8 LPM = 18 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. $\frac{(3.4 - 0)(855)}{(0.01496)(18)(1000)} =$ 10.79 Fibers per Milliliter > 5μ

Avg = 12 FIBERS

2. $\frac{(4.05 - 0)(855)}{(0.01496)(18)(1000)} =$ 12.86 Fibers per Milliliter > 5μ

Special Conditions:

Remarks:

UCCTXC 06678

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