

ASBESTOS - EVALUATION AND SURVEY

PLAINTIFF'S EXHIBIT

UC-2504

Date Feb. 13, 1975 Project Edward Davis - Insulator

Department Services Location Bldg 706-3 Bldg. No. _____

Requested by R.W.C. Reason Possible Asbestos Exposure

General Conditions: Insulating 3/4" Drain line from Autoclave, 3ft. of old type Kaylo. Equipment located outside Bldg. on open deck Area Near Door to Ag. Chem Lab.

Sampling Method and Equipment 38C-29X4-R1a

Sampled by Both

Sample Number	Sampling Time - Min.	Flow Rate	CONCENTRATION
			Fibers/ml >5μ
#1	22	2 LPM	29 0.15

Special Conditions

Avg 4.75

$$\begin{aligned} &0.24 \\ &\frac{4.75 \times 855}{.0318 \times 44 \times 1000} = 2.90 \end{aligned}$$

Calculation: (Avg. Fiber Count - Avg. Blank Count) Total Filter Area = Concentration, fibers per
(Counting Area) (Vol. Air-Liters) (1000) milliliters >5μ

Remarks: Slides Prepared Feb. 19, 1975

Sketch - See reverse side. Reference No. File Analyzed by Both Date Feb. 21, 1975

ASBESTOS COUNT RECORD SHEET

SAMPLE # #1 OPERATION DAVIS

FLOW _____ TIME _____ VOLUME _____ DATE 2/3/75

INITIALS _____ F.AREA _____ BLK.CNT.AV. _____

AV.COUNT _____ CONCENTRATION _____

COMMENTS _____

0	0	0	0	0
	0	1	1	1
	1	0	0	1
	0	0	1	1
5	0	0	0	2
	0	0	0	0
	0	0	0	0
	1	0	0	0
	0	0	0	0
	0	1	0	0
10	1	0	0	1
	0	0	0	0
	0	0	0	0
	0	0	0	0
	1	0	1	0
15	0	0	1	0
	1	1	0	0
	0	0	0	0
	0	0	1	0
	0	0	0	0
20	0	0	0	0
25				
GUS-TOTALS	5	3	5	6

$$\frac{19}{80} = 0.24$$

ASBESTOS - EVALUATION AND SURVEY

Date Feb 13, 1975 Project Edward Davis - Insulator
 Department Services Location Bldg 706-1 Bldg. No. _____
 Requested by RWC Reason Possible Asbestos Exposure
 General Conditions: Wrapping Product line with 2" wide Asbestos Woven tape, Style F-630, 0.062" thick. Manufactured by AMETEX, Inc. Line App 1 1/4" x 6' with 3 valves.
 Sampling Method and Equipment 38C-29X4-Rka

Sampled by Bott

Sample Number	Sampling Time - Min.	Flow Rate	CONCENTRATION
			Fibers/ml >5μ
#2	38	2 Lpm	0.88 2.5

Special Conditions

Avg. Count. = 2.5

$$\begin{array}{r} 10.49^\circ \\ 2.5 \times 855 = .88 \\ 10318 \times 76 \times 1000 \\ 2416.8 \end{array}$$

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

Remarks: Slides Prepared Feb 19, 1975

Sketch - See reverse side. Reference No. File Analyzed by Bott Date Feb 21, 1975

ASBESTOS COUNT RECORD SHEET

SAMPLE # #2 OPERATION Davis
 FLOW _____ TIME _____ VOLUME _____ DATE 2/13/75
 INITIALS _____ F. AREA _____ BLK. CNT. AV. _____
 AV. COUNT _____ CONCENTRATION _____
 COMMENTS Tape Insulation

0	1	1	0	0
	0	0	0	2
	0	0	0	0
	0	0	0	0
5	0	0	0	0
	0	0	0	0
	0	0	0	1
	0	0	0	0
10	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
15	0	0	0	0
	1	0	1	0
	0	0	0	0
	0	0	0	0
20	0	0	0	0
25				
SUB-TOTALS	3	2	2	3

ASBESTOS - EVALUATION AND SURVEY

Date Feb 13, 1975 Project Edward Davis - Insulator
 Department Services Location Bldg 706-1 Bldg. No. _____
 Requested by RWC Reason Possible Asbestos Exposure
 General Conditions: Wrapping product line with 2" wide Asbestos Woven tape, Style F-630, 0.062" thick, manufactured by AMATEX, Inc. Line App 1 1/4" x 6' with 3 valves.
 Sampling Method and Equipment 38C - 29 X 4 - Rka

Sampled by Bott

Sample Number	Sampling Time - Min.	Flow Rate	CONCENTRATION
			Fibers/ml > 5 μ
#2	38	2 Lpm	0.88 2.04

Special Conditions

Avg. Count = 2.5

$$\begin{array}{r}
 10.14^{\circ} \\
 2.5 \times 855 = .88 \\
 .0318 \times 76 \times 1000 \\
 2416.8
 \end{array}$$

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

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ASBESTOS - EVALUATION AND SURVEY

Date Feb. 13, 1975 Project Edward Davis - Insulator

Department Services Location Bldg 706-3 Bldg. No. _____

Requested by R.W.C. Reason Possible Asbestos Exposure

General Conditions: Insulating $\frac{3}{4}$ " Drain line from
Autoclave, 3ft. of old type Kaylo. Equipment
located outside Bldg. on open Deck Area
Near Door to Ag. Chem Lab.

Sampling Method and Equipment 38C-29X4-R1a

Sampled by Bott

Sample Number	Sampling Time - Min.	Flow Rate	CONCENTRATION
			Fibers/ml >5 μ
#1	22	2 LPM	2.9 0.15

Special Conditions

Ag ~~4.75~~
0.23
0.24

0.24
~~4.75~~ x 855 = 2.90
 .0318 x 44 x 1000

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

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ASBESTOS COUNT RECORD SHEET

SAMPLE # #1 OPERATION DAVIS

FLOW _____ TIME _____ VOLUME _____ DATE 2/3/75

INITIALS _____ F. AREA _____ BLK. CNT. AV. _____

AV. COUNT _____ CONCENTRATION _____

COMMENTS _____

0	0	0	0	0
	0	1	1	1
	1	0	0	1
	0	0	1	1
	0	0	0	2
5	0	0	0	0
	0	0	0	0
	1	0	0	0
	0	0	0	0
	0	1	0	0
10	1	0	0	1
	0	0	0	0
	0	0	0	0
	0	0	0	2
15	1	0	1	0
	0	0	1	0
	1	1	0	0
	0	0	0	0
	0	0	1	0
20	0	0	0	0
25				
SUB-TOTALS	5	3	5	6

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Sampling Method and Equipment 38C-29X4-R1a

Sampled by Bott

Sample Number	Sampling Time - Min.	Flow Rate	CONCENTRATION
			Fibers/ml >5μ
#1	22	2.1m	2.9 0.15

Special Conditions

Arg 4.75

$$\begin{aligned} &0.24 \\ &\frac{4.75 \times 855}{0.0318 \times 44 \times 1000} = 2.90 \end{aligned}$$

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

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