

AIR SAMPLE ANALYSIS

Sample # 70-78

Concentration 1.8833 f/cc

Slide Number 70-78 Mounted on 7-25-78 Analyzed on 7-25-78

Fibers 88/2 Fields 100 Average Fibers/Field 0.44

Blank Filter:

Number _____ Fibers per _____ Fields Average Fibers/Field _____

Concentration = $\frac{(\text{Average Count of Sample} - \text{Blank Filter Count}) \times (\text{Filter Area})}{(\text{Field Area}) \times (\text{Average Flow Rate}) \times (\text{Sample Time}) \times (1000)}$

Fibers/Cubic Centimeter of Air = $\frac{(.44 -) (855)}{(.003) (2.15) (3.97) (1000)} = \frac{(376.2)}{(99.75)} = 1.88335$

Microscopist Ma

Computations By _____

PLAINTIFF'S EXHIBIT

CT-601

CTD018041

Sample # 70-1
Concentration 1/ce

Pump Used: ☐ Bendix C115 Serial #1003 ☒ Bendix BDX44 Serial #8-77-2322

Calibrated 4/26/78 Checked Calibration ☐ Beginning _____
☒ Ending 2.18

Weather Conditions: ☐ Hot ☐ Warm ☒ Cool ☐ Steamy ☐ Humid ☐ Rainy ☐ Dry
☐ Windy ☒ Calm ☐

Production Rate: ☐ Above Normal ☒ Normal ☐ Below Normal ☐ Machine Down

Comments:

Ventilation: ☐ Dust Hoods ☐ Dust Collector ☐ Windows Open ☐ Fans Operating

Air Velocity _____

Personal Protection: ☐ Disposable Respirator ☐ Permanent Respirator ☐ Power Pack
☐ White Suit ☐ Face Shield ☐ Hearing Protection ☒ Head Protection
☒ Foot Protection ☒ ^{gloves}Gloves ☐ Apron ☐

Product in Process: (Furnish) 060889 342C-1"50

Comments: ☐ Beard ☐ Smoking ☐ Long Hair _____

Time Log: Time Started Pump 5:20 Flow Meter Reading 14166

Time Stopped Pump 5.50 Flow Meter Reading 15653

AREA	TIME READING		MINUTES		
	IN	OUT	IN	OUT	TOTAL
TOTAL SAMPLING TIME					

SAMPLER: QK Average Air Flow 2.15 Exposure Time 2.15

CTD018042

operates crane at end of tunnel for
putting pipe in trays

Mfg 6" 150

pipe coming out bottom of tunnel

puts 3 on crane to tray

lot of steam coming off pipe
prints CT stamp on pipe