AIR SAMPLE ANALYSIS

Sample # 88

Concentration .3608 f/cc

Slide Number 88-78 Mounted on 8/26 Analyzed on 8/26

Fibers 32 Fields 100 Average Fibers/Field .32

Blank Filter:

Number _____ _____Fibers per _____ Fields Average Fibers/Field _____

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

Fibers/Cubic Centimeter of Air = $\frac{(.32 - \quad)(855)}{(.003)(1.98)(127.66)(1000)} = \frac{(273.6)}{(758.30)} = .360807$

Microscopist [signature]

Computations By [signature]

PLAINTIFF'S EXHIBIT

CT-618

CTD018080

Date 6/20/78 (am) pm

Time 8:20

AIR SAMPLING DATA SHEET

Sample # 88-78

☑ Personal ☐ Environmental

Concentration _____ F/cc

Employee Richard Bunten Employee # 2 Classification Crane Operator

Dept. 901 Location/Operation #2PM Tunnel

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

☐ _____

Calibrated 4/26/78 Checked Calibration ☐ Beginning _____

☐ Ending _____

Sampling Medium: ☑ Filter ☑ Pad ☐ Screen ☐ _____

Manufacturer: ☑ Millipore ☐ _____ Batch # 308223

Weather Conditions: ☐ Hot ☑ Warm ☐ Cool ☑ Steamy ☑ Humid ☐ Rainy ☐ Dry

☐ Windy ☐ Calm ☐ _____

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

Comments: 8" - ~~X~~" 150

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 ☐ Apron ☐ _____

Product in Process: (Furnish) 8" 150

Comments: ☐ Beard ☐ Smoking ☐ Long Hair _____

Time Log: Time Started Pump 8:20 Flow Meter Reading 94989

Time Stopped Pump 10:40 Flow Meter Reading 01597

AREA	TIME READING IN	TIME READING OUT	MINUTES IN	MINUTES OUT	TOTAL
10 min Break					
	TOTAL SAMPLING TIME				

SAMPLER: [signature] Average Air Flow 1.98 Exposure Time 137.66

10

127.66

CTD018081