AIR SAMPLE ANALYSIS

Sample # 73-78

Concentration .910 f/cc

Slide Number #73-78 Mounted on 7-25-78 Analyzed on 7-26-78

Fibers ~~104~~ 104½ Fields 100 Average Fibers/Field 0.52

Blank Filter:

Number _____ _____ Fibers per _____ Fields Average Fibers/Field _____

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

$$\text{Fibers/Cubic Centimeter of Air} = \frac{(.52 - \quad)(855)}{(.003)(2.11)(77.10)(1000)} = \frac{(44.6)}{(48.04)} = .9/099$$

Microscopist HW

Computations By _____

PLAINTIFF'S EXHIBIT

CT-603

CTD018047

Dat 6/13/78 am

Time 10:00 pm

AIR SAMPLING DATA SHEET

Sample # 73-78

☑ Personal ☐ Environmental

Concentration ____ F/cc

Employee Elmer Unnerstall Bali Employee # ____ Classification Machine Tender

Dept. 101 Location/Operation #2PM

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 ☐ Breeze

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 plastic ☐ Apron ☐ rain pants

Product in Process: (Furnish) 49 12"150

Comments: ☐ Beard ☐ Smoking ☐ Long Hair ____

Time Log: Time Started Pump 10:05 Flow Meter Reading 31704

Time Stopped Pump 11:30 Flow Meter Reading 35405

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

SAMPLER: JW Average Air Flow 2.11 Exposure Time 77.10

CTD018048