AIR SAMPLE ANALYSIS

Sample # 84-78

Concentration .2762 f/cc

Slide Number 89|78 Mounted on 8/29 Analyzed on _____

Fibers 49/2 Fields 100 Average Fibers/Field .245

Blank Filter:

Number _____ _____Fibers per _____ Fields Average Fibers/Field _____

Concentration = (Average Count of Sample - Blank Filter Count) X (Filter Area) / (Field Area) X (Average Flow Rate) X (Sample Time) X (1000)

Fibers/Cubic Centimeter of Air = $\frac{(.245 - \quad)(855)}{(.003)(1.96)(129)(1000)} = \frac{(209.48)}{(958.52)} = .276169$

Microscopist [signature]

Computations By [signature]

PLAINTIFF'S EXHIBIT

CT-619

CTD018082

Date 3/20/78

Time 8:21 am / pm

AIR SAMPLING DATA SHEET

Sample # 89-78

☐ Personal ☐ Environmental

Concentration ____ F/cc

Employee Jimmy Marshall Employee # ____ Classification Handset Puller

Dept. 907 Location/Operation Tunnel End @ 2PM

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

☑ Hillsboro MSA

Calibrated ____ 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: Encircling pipe

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) 01989 A3B 8" 150

Comments: ☐ Beard ☐ Smoking ☐ Long Hair ____

Time Log: Time Started Pump 8:21 Flow Meter Reading ____

Time Stopped Pump 10:40 Flow Meter Reading ____

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

SAMPLER: JW Average Air Flow 1.96 Exposure Time 139 Min

Break 10

139 Min

CTD018083