AIR SAMPLE ANALYSIS

Sample # 19-78

Concentration .2293 f/cc

Slide Number 19-78 Mounted on 7/5/78 Analyzed on 7/5/78

Fibers 32/2 Fields 100 Average Fibers/Field 0.16

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 = $\frac{(.16 - \quad)(855)}{(.003)(204)(97.48)(1000)} = \frac{(136.8)}{(596.5)} = .2293$

Microscopist M.o.

Computations By QN

PLAINTIFF'S EXHIBIT

CT-556

CTD017916

Date 5/16/78 **AIR SAMPLING DATA SHEET** Sample # 19-78

Time 11:15 ☑ Personal ☐ Environmental Concentration _____

Employee John Houston Clock # 22 Job Classif. Tester Handler

Dept. 902 Location/Operation Lathe #3

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 # AP10537X

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

☐ Windy ☐ Calm ☐ Water on floor

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

Comments: 16" 150

Ventilation: ☐ Dust Hoods ☐ Dust Collector ☑ ~~Windows~~ Door Open ☐ Fans Operating

Air Velocity _____

Personal Protection: ☐ Disposable Respirator ☐ Permanent Respirator ☐ Power Pack

☐ White Suit ☐ Face Shield ☐ Hearing Protection ☑ Head Protection

☑ Foot Protection ☐ None ☐ Apron

Product in Process: (Furnish) 16" 150

Comments: ☐ Beard ☐ Smoking ☐ Long Hair _____

Time Log: Time Started Pump 11:20 am Flow Meter Reading 44762

Time Stopped Pump 1:15 pm Flow Meter Reading 5/59 49921

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

CTD017917

SAMPLER: JH Average Air Flow 2.04 Exposure Time 107.48

Break -10

T.W.A.