

AIR SAMPLE ANALYSIS

Sample # 99-78

Concentration _____ f/cc

Slide Number 99-78 Mounted on 1/5 Analyzed on 1/8

Fibers 512 Fields 100 Average Fibers/Field .255

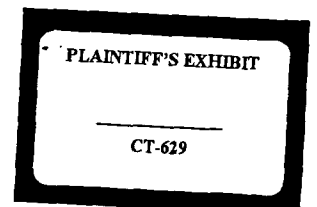
Blank Filter:

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 = $\frac{(.255 -) (855)}{(.003) (1.96) (80.5) (1000)} = \frac{(28.23)}{(473.34)} = .4606$

Microscopist [Signature]
Computations By [Signature]



CTD018104

Time 1:30 ^{am} ~~pm~~

AIR SAMPLING DATA SHEET

Sample # 99-78

Concentration	F/cc
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Employee John Nelson Employee # 30 Classification Janitor

Dept. _____ Location/Operation Marine Corps - Camp Buena Vista

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

Calibrated 4/26/78 Checked Calibration ☐ Beginning

☒ Ending 1.92

Sampling Medium: ☒ Filter ☒ Pad ☐ Screen ☐ _____
Manufacturer: ☒ Millipore ☐ _____ Batch # 365222

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

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

Comments: Michael not running working on taxes

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 ☐ *Boots*

Product in Process: (Furnish)

Comments: ☐ Beard ☐ Smoking ☐ Long Hair _____

Time Log: Time Started Pump 1:30 Flow Meter Reading 4991

Time Stopped Pump 3:00 Flow Meter Reading 4585.3

[illegible]

SAMPLER: 911 Average Air Flow 1.96 Exposure Time 20.45

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