

AIR SAMPLE ANALYSIS

Sample # 64-78

Concentration .6249 f/cc

Slide Number 64-78 Mounted on 7-13-78 Analyzed on 7-14-78

Fibers 75/2 Fields 100 Average Fibers/Field ~~0.58~~ .315

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 = $\frac{(.315 -) (855)}{(.003) (2.13) (80.29) (1000)} = \frac{(320.63)}{(513.05)} = .62494$

Microscopist Mo

Computations By JP

PLAINTIFF'S EXHIBIT

CT-594

CTD018026

CTD018027

worked for CT 34 yrs
In the area 15 yrs.
has done every job in firm.
never worked in mfg.
did work as bander in plant 3.

emp feels dusty part of job is when
Changes tools.
uses broom for cleanup.
has smoked 40 yrs.
Dr. told him to quit but couldn't
uses a filter for cig.
smokes 1 pk/day.

watched change tool -
Blows dust off area.
Sign posted against this
Retiring in Dec.