



PLAINTIFF'S  
EXHIBIT  
DUP-1226

= ASBESTOS FIBER COUNT  
ANALYSIS

for

E. I. DUPONT  
Post Office Box 3261  
Beaumont, Texas 77704

May 18, 1983

DUP 0508192

d1

83-896

DU 004204



*Requested return of samples 6/2/83 Jonny Vickers R.J.F.*

*Infected B. Cassidy*

*22/mi flow for  
15 minute  
duration 2/14  
6/2/83*

E. I. DuPont  
May 18, 1983

Two (2) filter cassette samples and one blank were received from E. I. DuPont, Beaumont works, Beaumont, Texas for asbestos fiber count analysis. Due to excessive loading of airborne material on filter 52-1, conventional analysis was considered impractical. This filter was then examined via Polarized light Microscopy for asbestos identification and content analysis.

P & CAM METHOD 239

| Sample Identification | Fields Observed | Fibers Observed (>5 $\mu$ m) | Fibers per Filter | Air Flow (liters/min.) Volume | Fibers per c.c. of Air (>5 $\mu$ m) |
|-----------------------|-----------------|------------------------------|-------------------|-------------------------------|-------------------------------------|
| Blank                 | 100             | 1                            | 2850              | ---                           | ---                                 |
| 52-6                  | 20              | 154                          | 2,194,500         | 2                             | 73                                  |
| 52-1                  | *               | ---                          | ---               | ---                           | ---                                 |

\*\*Asbestos identification and content analysis via Polarized Light Microscopy.

A portion of filter 52-1 was prepared for analysis following P & CAM Method 239. Analysis of the sample confirmed that in excess of 50% of the "DUST" collected on filter 52-1 was chrysotile asbestos. The attached photographs were taken at 40X, 200X, and 400X magnifications.

\* unable to read due to excessive loading.

\*\* These analyses were included at the request of Dr. Berlin Cassidy, E.I. DuPont, Beaumont Works.

*THESE SAMPLES REPRESENT  
CASSETTES PLACED IN ENCLOSED  
ROOM DURING SANDING OPERATION.*

*E. Cassidy  
5/31/83*

*Jonny Vickers*  
Jonny H. Vickers  
Chemist

DUP 0508193

dt

83-896

DU 004205