

Air Filter Analysis for Asbestos
Case 48106-3



PLAINTIFF'S EXHIBIT

SWB-205

Bell Laboratories

600 Mountain Avenue
Murray Hill, New Jersey 07974
Phone (201) 582-3000

July 19, 1979

Mr. J. P. Sagester
Ohio Bell
150 East Gay Street 4H
Columbus, Ohio 43215

Dear Jim:

The three air filter samples used for sampling while replacing brake shoes have been analyzed for asbestos. All fibers greater than 5 μ m long seen by phase contrast microscopy at 400x were counted using the methods recommended by the National Institute of Occupational Safety and Health (NIOSH). Based on the optical counts and your sampling data the results were:

Sample	Volume Air (L.)	Fibers Counted	Fiber/Cm ³	
			Uncorrected	Blank Corrected
JP-1	150	20	.10	.09
JP-2	---	2	---	---
JP-3	---	3	---	---

If you have any questions about this analysis please call.

Charles P. Lichtenwalner

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MH-7885-CPL-pr

ref. 1049

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W. J. Schreibeis
G. M. Wilkening

R. L. Beach - AT&T
N. J. DeCapua
J. M. Degen
R. W. Stone, MD

R. P. Brewer - OB
G. H. Franck, MD

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ANALYSIS OF MILLIPORE AA FILTERS FOR ASBESTOS BY NIOSH RECOMMENDED METHOD
OF COUNTING ALL FIBERS GREATER THAN 5 μ m USING PHASE CONTRAST MICROSCOPY

Sample #	Volume Sampled (L)	Fibers Counted*	Fibers/cm ³
110878A101	98	33	.26
110878A102	130	6	.04
110978B101	140	14	.08
110978B102	340	2	<.01
110978B103	20	3	.12
110978B104	150	7	.04
110978B105	26	11	.33
110978B106	90	7	.06
110978B107	148	5	.03
110978B108	60	11	.14
Blank	---	6	---

*100 Microscope fields were counted on each filter. The area of each field was 0.011 mm².

C. P. Lichtenwalner

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G. M. Wilkening
R. W. Deitchman
R. W. Stone, MD
R. L. Beach
N. J. Decapua

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