

CENTRAL RESEARCH AND DEVELOPMENT DEPARTMENT CC: S. W. Dixon
HASKELL LABORATORY FOR TOXICOLOGY
AND INDUSTRIAL MEDICINE

MEMORANDUM

May 5, 1983

TO: L. T. FREELAND
PPD
SEAUMONT

FROM: JAMES E. HENRY
CR&D
HASKELL LABORATORY

ASBESTOS FIBER COUNTS

I did asbestos fiber counts on six samples submitted by you on 4/15/83. The standard phase contrast method (NIOSH PCM 239) was used. Analytical data is recorded in Haskell Laboratory Notebook No. E-32650, pp. 27-32. Results are as follows. Contact me if you have any questions.

<u>Sample Number</u>	<u>Total Fields Counted*</u>	<u>No. of Fibers Counted***</u>	<u>Total Fibers on Filters**</u>	<u>Sample Volume (liters)</u>	<u>Fibers/cm³</u>
AB-3-Blank	100	1.0	658		
52-5	24	101.5	278,149	90	3.09
AB-1	100	7.5	4,933	380	0.01
AB-2	100	6.5	4,275	380	0.01
52-3	100	36.0	23,677	670.50	0.04
52-4	100	10.0	6,577	648.15	0.01

*Field area = 0.013 mm²

**Filter area = 855 mm²

***Corrected for blank.

JEN/dar

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