

22640-17

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

MEMORANDUM

May 5, 1983

TO: L. T. FREELAND
FPD
BEAUMONT

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 PCAM 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.

Sample Number	Total Fields Counted*	No. of Fibers Counted***	Total Fibers on Filters**	Sample Volume (liters)	Fibers/cm ³
AS-3-Blank	100	1.0	632	—	—
S2-5	24	101.5	278,149	90	3.09
AS-1	100	7.5	4,933	380	0.01
AS-2	100	6.5	4,275	380	0.01
S2-3	100	38.0	23,677	670.50	0.04
S2-4	100	10.0	6,577	648.15	0.01

* Field area = 0.013 mm²

** Filter area = 855 mm²

*** Corrected for blank.

JEH/dar

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