



7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER
COUNT ANALYSIS

for

DOW CHEMICAL, U.S.A.
P. O. Box 150
Plaquemine, LA 70764

Attention Mr. Terry Campbell
Bldg. 3502-E

December 13, 1983

DO 083473
CONFIDENTIAL



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DOW CHEMICAL
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Seventeen (17) filter cassette samples and one (1) blank were received from Dow Chemical, Plaquemine, Louisiana, for asbestos fiber count analysis on December 7, 1983. Fibers larger than 5 microns in length were counted by means of phase-contrast microscope at a magnification of 400X. The procedure recommended by NIOSH (P & CAM 239) was followed.

<u>Sample Identification</u>	<u>Fibers ($>5\mu\text{m}$) Observed</u>	<u>No. of Fields Observed</u>	<u>Fibers per Filter</u>	<u>Volume of Air (L)</u>	<u>Fibers ($>5\mu\text{m}$) per c.c. of Air</u>
CA03066	2	100	2,850	126.0	0.01
CA03068	2	100	2,850	144.0	<0.01
CA03069	0	100	<1,425	144.0	<0.01
CA03072	4	100	5,700	90.0	0.05
CA03073	6	100	8,550	85.0	0.08
CA03074	5	100	7,125	83.3	0.04
CA03075	2	100	2,850	142.8	<0.01
C 04339	1	100	1,425	94.5	0.01
C 04340	2	100	2,850	110.0	0.01
C 04344	5	100	7,125	140.0	0.04
C 04345	10	100	14,250	84.0	0.15
C 04349	1	100	1,425	160.0	<0.01
C 04350	2	100	2,850	90.0	0.02
C 04351	2	100	2,850	94.5	0.02
C 04354	3	100	4,275	100.0	0.03
5224	6	100	8,550	191.0	0.04
5225	4	100	5,700	100.0	0.04
Blank	1	100	1,425	--	--


Jonny Vickers
Chemist

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