



7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

for

DOW CHEMICAL COMPANY
Post Office Box 150
Plaquemine, Louisiana 70764

ATTENTION: Jackie Paul

October 22, 1987

DO 100505
CONFIDENTIAL



7979 GSRI AVE. • BATON ROUGE, LA 70820

DOW CHEMICAL COMPANY
Plaquemine, Louisiana

October 22, 1987

Fourteen (14) filter cassette samples were received on October 21, 1987 from Dow Chemical Company for asbestos fiber count. Fibers larger than 5 microns in length were counted by means of phase-contrast microscopy at a magnification of 400X. The procedure recommended by NIOSH Method 7400A was followed.

Pertinent information regarding fiber counts is as follows:

Field Area: 0.00785 mm² (Walton Beckett Graticule)

Effective Collecting Area:

385 mm² (25mm Cassette)

855 mm² (37mm Cassette)

Limit of Quantitation: 10 fibers/100 fields

Limit of Detection: > Average Blank Count

* Detection limits are based upon a minimal count of 10 fibers/100 fields.

Results are as follows:

<u>Sample ID.</u>	<u>Fibers (>5um) Observed</u>	<u>No. of Fields Observed</u>	<u>Fibers per Filter</u>	<u>Volume of Air (L)</u>	<u>Fibers (>5um) per c.c. of Air</u>
Blank*	2	100	981	-----	-----
✓08240*	13	100	5,150	-----	-----
✓08524*	2	100	<490	-----	-----
✓08527*	72	100	34,086	-----	-----
✓08530*	16	100	6,621	-----	-----
✓08529*	20	100	8,583	-----	-----
✓08531*	3	100	245	-----	-----
✓08528*	22	100	9,564	-----	-----
✓06531*	68	100	32,125	-----	-----
✓08275*	37	100	16,921	-----	-----
✓08500*	21	100	9,073	-----	-----
(#1) 0852*	-----	-----	-----	-----	-----

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DOW CHEMICAL COMPANY
Plaquemine, Louisiana

October 22, 1987

<u>Sample ID.</u>	<u>Fibers (>5um) Observed</u>	<u>No. of Fields Observed</u>	<u>Fibers per Filter</u>	<u>Volume of Air (L)</u>	<u>Fibers (>5um) per c.c. of Air</u>
(#2) 08533*	-----	-----	-----	-----	-----
07342*	101	66	73,827	-----	-----
07343*	102	31	160,147	-----	-----
Blank*	3	100	1,471	-----	-----

*Blank correction made at fiber per filter calculation.

(#1) Filter received on wrong side of cassette.

(#2) Cassette received without filter.

Philip W West by Kelley Temple
Philip W. West, Ph.D.
Laboratory Director

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B/L NO.

64289

DATE _____

VY-YV

0-61

Attention

SHIP
T O

WEST-PAINE LABORATORIES INC
7979 GSN1 AVENUE
BATON ROUGE, LA 70808

Return Authorization Number

Route

☐ PREPAID
☐ COLLECT

Rail Car No.

Date Shipped

Gross Wt.	
-----------	--

Tare Wt.

Net Wt.	
---------	--

Carrier Bill No.

12

QUANTITYKIND
OF
PKG.**DESCRIPTION**

NOT SUPPL 2

RECEIVED
OCT 20 1987

The correct weight is as shown above subject to verification in accordance with any applicable agreement with the Weighing and Inspection Bureau having jurisdiction.

Shipper, DOW CHEMICAL U.S.A.
AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

PER

SHIPMENT LOADED BY SHIPPER
Permanent Post Office Address of Shipper
THE DOW CHEMICAL COMPANY
PLAQUEMINE, LOUISIANA 70764

SHIPPING ORDER

Agent

Signature

SHIPPING ORDER (Carrier)

DO 100508

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Collector's Sample No's _____

CHAIN-OF-CUSTODY RECORD

SAMPLE COLLECTION:

Location of Sampling: _____
Facility Type: Producer Hauler Disposal Site Other
Collectors Name: Jackie Paul Telephone: (504) 389-8702
Company Name: Dow Chemical
Address: P.O. Box 150 Hog. Rd 70764 B-3502E

Date Sampled: _____ Time: _____
Type of Process or Facility Sampled: _____
Field Information: Analyze for asbestos per NIOSH 7400A
method. Report total fibers.

SAMPLE SHIPPING (other than transportation by collector)

Transporters Name: Steve D. Cash Date: _____ Time: _____
Company Name: _____
Address: _____

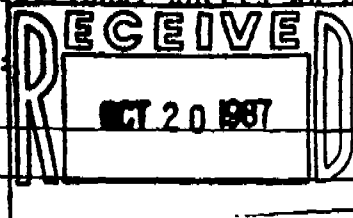
SAMPLE RECEIVING:

Person accepting sample D. LeBlanc Date: 10-20-87 Time: 1350
Company Name: West-Paine Laboratories
Address: 7979 G.S.R.I Avenue, Baton Rouge, LA 70808
Sample Disposition Storage Further Transportation Other Analyze

CHAIN-OF-POSSESSION: (Attach additional sheets as needed to show continuity)

TERMINATION OF CHAIN-OR-CUSTODY:

Authorized by: _____ Date: _____ Time: _____
Company Name: _____
Address: _____



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DOW CHEMICAL U.S.A.
LOUISIANA DIVISION
DATA SHEET

[illegible]