



7979 GSRI AVE. • BATON ROUGE, LA 70820

ASBESTOS FIBER COUNT ANALYSIS

FOR

DOW CHEMICAL
Industrial Hygiene Bldg. 3502W
Post Office Box 150
Plaquemine, LA 70764-0500

ATTENTION: Ms. Darlene Creel

March 11, 1992

DO A 114832
CONFIDENTIAL

klb

20-2027



7979 GSRI AVE. • BATON ROUGE, LA 70820

DOW CHEMICAL
Plaquemine, LA

March 11, 1992

Three (3) filter cassette samples were received on March 06, 1992 from Dow Chemical for 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 (25 mm Cassette)

855 mm² (37 mm Cassette)

Limit of Quantitation: 10 fibers/100 fields

Limit of Detection: > Average Blank Count

@ Detection limits are based upon a minimal concentration of 7 fibers/mm².

Sample I.D.	Fibers (>5um) Observed	No. of Fields Observed	Fibers per Filter	Volume of Air (L)	Fibers (>5um) per c.c. of Air
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LHC II:

13919	1	100	490	---	---
Blank 1	0	100	<490	---	---
Blank 2	0	100	<490	---	---

20-2027
Corrected

Carolyn Richman
Philip W. West, Ph.D.
for Laboratory Director

DO A 114833
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WEST PAINE
LABORATORIES INC.
7979 GSRI AVE.
BATON ROUGE, LA 70820

PO # 1494822

MSI # 154346

Sample I.D. :

13919
Blank #1 / Blank #2

CHAIN-OF-CUSTODY RECORD

SAMPLE COLLECTION:

Collector's Name: Darlene S. Creel Telephone: (504) 389-6181

Company Name: Dow Chemical (Industrial Hygiene Bldg. 3502W)

Address: P.O. Box 150, Plaquemine, Louisiana 70765-0500

Date Sampled: 3-3-92 Time: _____

Type of Process or Facility Sampled: Fiber count via NIOSH 7400

Field Information: Filter cassettes for fiber per filters

*13919 - LHC II
Blank #1 / Blank #2

SAMPLE SHIPPING (other than transportation by collector):

Transporter's Name: Cornell Christopher Date: 3-5-92 Time: 1145

Company Name: West Paine Courier

Address: B.R.

SAMPLE RECEIVING:

Person accepting sample Perry Cooper Date: 03/06/92 Time: 1300

Company Name: WEST-PAINE LABORATORIES, INC.

Address: 7979 GSRI AVENUE, BATON ROUGE, LOUISIANA 70820 PHONE: (504) 769-4900

Sample Disposition _____ Storage _____ Further Transportation _____ Other _____

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

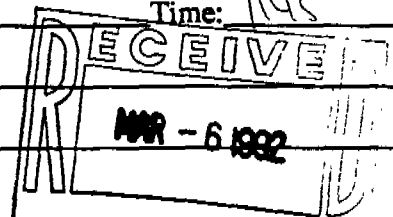
TERMINATION OF CHAIN OF CUSTODY:

Authorized by: _____ Date: _____ Time: _____

Company/Name: _____ Address: _____

(63)

DO A 114834
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LOUISIANA DIVISION INDUSTRIAL HYGIENE SAMPLE RECORD

SAMPLE No 13919

PLANT/DEPT. LHC II - Dow Chemical
MONITORING FOR: Asbestos FibersDATE 3-3-92

OTHER CHEMICALS PRESENT: _____

SAMPLE COLLECTION MEDIA:

- ☐ BADGE NO. _____ TYPE _____
TEMP/HUMIDITY: (REQUIRED FOR BADGES) _____
☐ CHARCOAL TUBE SIZE _____
☒ FILTER CASSETTE SIZE 25 mm
☐ SILICA TUBE SIZE _____
☐ DRAGER TUBE TYPE _____
☐ OTHER _____

PUMP SERIAL NO. 9796CALIBRATION DEVICE: ☒ BUBBLEMETER ☐ ROTAMETER
☐ OTHER _____

PUMP FLOW RATE CALIBRATION:

BEGIN: 1. 2535 2535
2. 2545
3. 2537BEGINNING FLOW RATE AVG. 2537 ☒ CC/MIN ☐ L/MINENDING: 1. 2506 2508
2. 2530
3. 2547ENDING FLOW RATE AVG. 2534 ☒ CC/MIN ☐ L/MINSAMPLE AVERAGE FLOW RATE 2536TIME STARTED 12:45 PMTIME STOPPED 1:15 PMTOT. RUNNING TIME(MIN) 30 minSAMPLE VOLUME (AVG FLOW X RUN TIME) 76SHIFT: ☒ 8 HR. ☐ 12 HR. ☒ PERSONNEL SAMPLE ☐ AREA SAMPLE
☐ FULL SHIFT TWA
☐ STEL/TASKEMPLOYEE NAME Brain Coates
EMPLOYEE I.D.# 435-06-2532
JOB CLASSIFICATION Insulator
IH JOB CODE # _____
CONTRACTOR COMPANY Patric CorpRESPIRATOR USED? ☒ YES ☐ NORESPIRATOR MODEL / CANISTER TYPE North 7700 w/hepa

- ☐ MOUTH-BIT ☐ DUST ☐ HALF-FACE
☐ FULL-FACE ☐ AIR-LINE ☐ SCBA

DESCRIPTION OF AREA SAMPLED/JOB PERFORMED DURING MONITORING In regulated area - removing asbestos
insulation from 6" steam line, wet method.

ANALYTICAL REPORT REFERENCE # _____

ANALYTICAL RESULTS: 490

* RESTRICTED FOR USE WITHIN DOW ONLY *

LOD
VP-124FORM FILLED IN BY: LOD/Gilbert GuilbongDO A 114835
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