



**Dow U.S.A.**

The Dow Chemical Company  
P.O. Box 150  
Plaquemine, Louisiana 70765-0150

February 19, 1992

Wayne Russell      Cellulose      Building 4501

cc: Daniel Cortez      Petrin      Building 4106

Asbestos Sample

Attached is the laboratory report for bulk identification sample.

The OSHA 8-hour permissible exposure limit for asbestos is 0.2 f/cc >5 microns  
and the 30-minute short term exposure limit is 1 f/cc >5 microns.

Please call me if you have any questions regarding this report.

Thank you,

Darlene S. Creel  
Industrial Hygiene  
Building 3502-W  
Ext. 6181

Attachment

dsc

PRODUCED FOR THE ASBESTOS DATABASE

DATE: 2-19-1992

MASTER No. 433871 KSC

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WEST-PAINE LABORATORIES, INC.  
7979 GSRI AVENUE  
BATON ROUGE, LA 70820-0000  
(504)769-4900

REPORT  
FOR  
BULK SAMPLE ANALYSIS  
BY  
PLM

DOW CHEMICAL  
I.H. BLDG. 3502W, P.O. BOX 150  
PLAQUEMINE, LA 70764  
ATT :MS. DARLENE CREEL  
(504)389-6181

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20-1019

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BATON ROUGE, LA 70820-0000  
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DOW CHEMICAL  
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PLAQUEMINE, LA 70764  
ATT: MS. DARLENE CREEL  
(504)389-6181

February 5, 1992

BULK SAMPLE ANALYSIS REPORT

PROJECT NAME.....: PO# 301479892  
PROJECT LOCATION.: MSI# 15301  
JOB NUMBER.....: -  
BATCH NUMBER.....: PLM920185

SAMPLED BY....:  
DATE SAMPLED.: / /  
DATE RECEIVED: 02/04/92  
DATE ANALYZED: 02/05/92

| <----- SAMPLE -----> |           |                | ASBESTOS     | OTHER FIBERS | NON-FIBER             |
|----------------------|-----------|----------------|--------------|--------------|-----------------------|
| NO.                  | TYPE      | LOCATION       | DESCRIPTION  | TYPE, %      | TYPE, % MATERIAL      |
| 001                  | TIL FLOOR | TILE-LUNCHROOM | OTHER TAN    | (N.D.)       | CELL. 1- 3 BIND, CARB |
| 101                  | MAS FLOOR | TILE-LUNCHROOM | OTHER YELLOW | (N.D.)       | CELL. 3- 5 MAST, BIND |

\*\*\* END OF REPORT \*\*\*

ANALYST: CAROLYN DICHARRY

SIGNATURE: Carolyn Dicharry

Analytical Instrument: OLYMPUS BH2 POLARIZED LIGHT MICROSCOPE  
Percentages Based on Visual Estimate  
Analytical Method: EPA INTERIM METHOD FOR BULK ANALYSIS  
Report Must Not Be Reproduced Except By Approval Of Laboratory  
NVLAP Asbestos Identification Quality Assurance Program  
Laboratory is Not Responsible For Sampling Techniques  
NVLAP ID # : 1468  
Test Report Relates Only to Items Tested  
Report can not be used to claim product endorsement by NVLAP  
All samples are disposed of 30 days after completion of analysis

UNITED STATES DEPARTMENT OF COMMERCE  
NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY



CERTIFICATE OF ACCREDITATION

\* This is not a NVLAP endorsement

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Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/M4-82-020 December 1982 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Transmission Electron Microscopy (TEM).

ABBREVIATIONS USED

**THERMAL:**

AI = attic insulation  
BC = boiler cover  
BB = boiler block  
BI = boiler/pressure vessel ins.  
BS = boiler stack  
EDI = exterior duct insulation  
F = fitting/joint/valve etc.  
IDI = interior duct insulation  
PI = pipe insulation  
PW = paper wrap  
TI = tank insulation  
WI = wall insulation

**MISCELLANEOUS:**

C = cloth  
DBR = debris  
FD = fire door ins.  
G = gasket  
M = mastic/adhesive  
RF = roofing felt/flashing  
S = siding/shingle  
SL = soil  
TC = transition cloth  
T = transite/cement panels  
TP = transite pipe  
MIS = other miscellaneous

**SURFACING:**

AT = accoustical tile  
DCT = dropped ceiling tile  
SAF = spray applied fireproofing  
SCT = spline ceiling tile  
SCP = smooth ceiling plaster  
SWP = smooth wall plaster  
TCP = textured ceiling plaster  
TWP = textured wall plaster  
VT = vinyl tile  
VTM = vinyl tile w/mastic  
VF = vinyl flooring (sheets)  
WB = wall board  
WJC = wall joint compound  
RC = roof coat (silver coat)

**ANALYSIS ABBREVIATIONS:**

N.D. = none detected  
CHRY = chrysotile  
AMOS = amosite  
CROC = crocidolite  
ANTH = anthophyllite  
TREM = tremolite  
ACTI = actinolite  
WOLL = wollastonite  
FIBR = fibrous  
FBGL = fibrous glass  
VERM = vermiculite  
SYNT = synthetics  
CELL = cellulose  
GRAN = granular  
CARB = carbonate  
VINY = vinyl tile compound

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

PO # 1479892  
MSI # 153017

Sample I.D. :

Cellulose

Floor Tile

LUNCH ROOM

**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: 1-31-92 Time: \_\_\_\_\_

Type of Process or Facility Sampled: Asbestos I.D. via PLM

Field Information: Bulk Sample

24 hour Rush  
Cellulose - Wayne Russell

**SAMPLE SHIPPING (other than transportation by collector):**

Transporter's Name: Tony Bland Date: 2-4-92 Time: 230

Company Name: West Paine Courier

Address: 7979 GSRI

**SAMPLE RECEIVING:**

Person accepting sample \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

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: \_\_\_\_\_

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PLAQUEMINE, LA 70764  
ATT: MS. DARLENE CREEL  
(504)389-6181

SAMPLE LOG

PROJECT NAME.....: PO# 301479892  
PROJECT LOCATION.: MSI# 15301  
JOB NUMBER.....: -

SAMPLED BY...:  
DATE SAMPLED: / /  
BATCH NUMBER: PLM920185

| LAB. / CLIENT     | COND | BY | LOCATION             | TYPE | FRI DATE    | REPORT |
|-------------------|------|----|----------------------|------|-------------|--------|
| NO. SAMPLE NUMBER |      |    |                      |      | Y/N SAMPLED | DATE   |
| 1. PLM920185-001  | GOOD | CD | FLOOR TILE-LUNCHROOM | TIL  | / /         |        |
| 2. PLM920185-101  | GOOD | CD | FLOOR TILE-LUNCHROOM | MAS  | / /         |        |

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CHAIN OF CUSTODY

PROJECT NAME.....: PO# 301479892  
PROJECT LOCATION.: MSI# 15301  
JOB NUMBER.....: -

SAMPLED BY...:  
DATE SAMPLED: / /  
BATCH NUMBER: PLM920185

SAMPLED BY.....:  
INITIAL.....:  
DATE/TIME.....: / / /  
STORAGE.....:

SIGNATURE

TRANSPORTED BY...: COURIER  
INITIAL.....:  
DATE/TIME.....: 02/04/92 / 1540  
STORAGE.....:

SIGNATURE

RECEIVED BY.....: PATTY COOPER  
INITIAL.....:  
DATE/TIME.....: 02/04/92 / 1545  
STORAGE.....:

SIGNATURE

LAB CUSTODY.....: CAROLYN DICHARRY  
INITIAL.....:  
DATE/TIME.....: 02/04/92 / 1545  
STORAGE.....:

SIGNATURE

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