



Dow U.S.A.

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

October 27, 1992

Charles Douglas CA II Building 3601

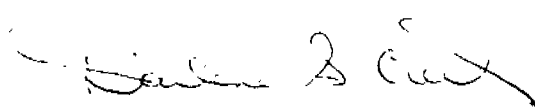
Asbestos Sample

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

DO A 114911
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PRODUCED FOR THE ASBESTOS DATABASE

DATE: 10/27/92

MASTER No. 433871

WEST-PAINE LABORATORIES
7979 GSRI AVE.
BATON ROUGE, LA 70820-7499
(504)769-4900

CAT II

REPORT
FOR
BULK SAMPLE ANALYSIS
BY
PLM

DOW CHEMICAL COMPANY
IH BLDG 3502W/PO BOX 150
PLAQUEMINE, LA 70765-0150
ATT :MS. DARLENE CREEL
(504)389-6181

DO A 114912
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WEST-PAINE LABORATORIES
7979 GSRI AVE.
BATON ROUGE, LA 70820-7499
(504)769-4900

DOW CHEMICAL COMPANY
IH BLDG 3502W/PO BOX 150
PLAQUEMINE, LA 70765-0150
ATT: MS. DARLENE CREEL
(504)389-6181

October 15, 1992

BULK SAMPLE ANALYSIS REPORT

PROJECT NAME.....: PO# 1589425
PROJECT LOCATION.: MSI# 163219
JOB NUMBER.....: -
BATCH NUMBER.....: PLM920005

SAMPLED BY....:
DATE SAMPLED.: / /
DATE RECEIVED: 10/15/92
DATE ANALYZED: 10/15/92

NO.	TYPE	LOCATION	DESCRIPTION	ASBESTOS TYPE, %	OTHER FIBERS TYPE, %	NON-FIBER MATERIAL
001	CAII: #1	D-301	GRANULAR GREY	CHRY. 1- 3		BIND, CARB
* 002	CAII: #2	FILTER	GRANULAR BLACK	CHRY. 3- 5	CELL. 1- 3	BIND

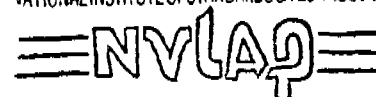
*** END OF REPORT ***

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

* Percentages are affected by sampling method.

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WEST-PAINE LABORATORIES
7979 GSRI AVE.
BATON ROUGE, LA 70820-7499
(504)769-4900

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/flashings
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 # 1589425

MSI # 163219

Sample I.D. :

CAT - Filter
D-301 scale

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: 10/15/92 Time: _____

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

Field Information: Bulk Sample

#1 D-301 - scale

#2 Filter

SAMPLE SHIPPING (other than transportation by collector):

Transporter's Name: _____ Date: _____ Time: _____

Company Name: West Paine Courier

Address: _____

SAMPLE RECEIVING:

Person accepting sample Richards Date: 10/15/92 Time: 2:15pm

Company Name: WEST-PAINE LABORATORIES, INC.

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

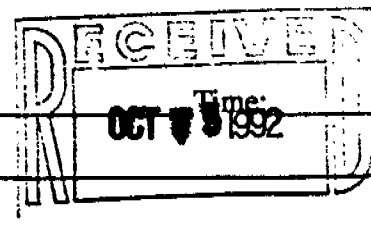
Sample Disposition _____ Storage _____ Further Transportation _____ Other _____

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

TERMINATION OF CHAIN OF CUSTODY:

Authorized by: _____ Date: _____

Company/Name: 37 Address: _____



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