



Dow U.S.A.

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

February 24, 1992

Don Denova Environmental Operations Building 8010

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: 2-24-92
MASTER No. 433871 OSC

DO A 114721
CONFIDENTIAL

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

RECEIVED

FEB 24 1992

IND. HYGIENE DEPT.

D. Creel

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

DO A 114722
CONFIDENTIAL

20-1231

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

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

February 11, 1992

BULK SAMPLE ANALYSIS REPORT

PROJECT NAME.....: PO# 1483861
PROJECT LOCATION.: MSI# 153428
JOB NUMBER.....: -
BATCH NUMBER.....: PLM920215

SAMPLED BY....:
DATE SAMPLED.: / /
DATE RECEIVED: 02/11/92
DATE ANALYZED: 02/11/92

<----- SAMPLE ----->			ASBESTOS	OTHER FIBERS	NON-FIBER
NO.	TYPE	LOCATION	DESCRIPTION	TYPE, %	TYPE, % MATERIAL
001	TIL	#1	OTHER WHITE	(N.D.)	CELL. 1- 3 BIND, CARB
101	MAS	#1	OTHER BLACK	CHRY. 3- 5	CELL. 1- 3 TAR , CARB
002	TIL	#2	OTHER WHITE,	(N.D.)	BIND, CARB
003	TIL	#3	OTHER WHITE,	(N.D.)	BIND, CARB
004	TIL	#4	OTHER WHITE,	(N.D.)	BIND, CARB
104	MAS	#4	OTHER BLACK	CHRY. 3- 5	CELL. 1- 3 TAR , BIND
005	TIL	#5	OTHER WHITE,	(N.D.)	BIND, CARB
006	TIL	#6	OTHER WHITE,	(N.D.)	BIND, CARB
106	MAS	#6	OTHER YELLOW	CHRY. 3- 5	TAR

*** CONTINUE ON NEXT PAGE ***

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

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

February 11, 1992

BULK SAMPLE ANALYSIS REPORT

PROJECT NAME.....: PO# 1483861
PROJECT LOCATION.: MSI# 153428
JOB NUMBER.....: -
BATCH NUMBER.....: PLM920215

SAMPLED BY....:
DATE SAMPLED.: / /
DATE RECEIVED: 02/11/92
DATE ANALYZED: 02/11/92

NO.	TYPE	LOCATION	DESCRIPTION	ASBESTOS TYPE, %	OTHER FIBERS TYPE, %	NON-FIBER MATERIAL
-----	------	----------	-------------	---------------------	-------------------------	-----------------------

*** 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

DO A 114724
CONFIDENTIAL

WEST-PAINE LABORATORIES, INC.
7979 GSRI AVENUE
BATON ROUGE, LA 70820-0000
(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 # 1483861
MSI # 153428

Sample I.D.: 6 Samples
#1 - Bldg - 8010 - Feat lab
#2 - Bldg - 8010 - Lunchroom
#3 - Bldg - 8001 - Lab
#4 - Bldg - 8001 - Lane's Office
#5 - Bldg - 8001 - Hallway
#6 - Bldg - 8001 - Men's 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: 2-11-92 Time: _____

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

Field Information: Bulk Sample Env. Operator

#1 Bldg 8010 - Feat lab - under straight table #3 Bldg 8001 - Lab Near Shower
#2 Bldg 8010 - Dow lunchroom #4 Bldg 8001 - Lane's office
next to Lab
#5 Bldg 8001 - Hallway to
Men's Bathroom
#6 Bldg 8001 - Men's Room

SAMPLE SHIPPING (other than transportation by collector):

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

Company Name: West Paine Courier

Address: _____

SAMPLE RECEIVING:

Person accepting sample Ratty Cooper Date: 02/11/92 Time: 1456

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: _____

DO A 114726
CONFIDENTIAL

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

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

SAMPLE LOG

PROJECT NAME.....: PO# 1483861
PROJECT LOCATION.: MSI# 153428
JOB NUMBER.....: -

SAMPLED BY...:
DATE SAMPLED: / /
BATCH NUMBER: PLM920215

NO.	LAB. / CLIENT SAMPLE NUMBER	COND	BY	SAMPLE LOCATION	TYPE	FRI Y/N	DATE SAMPLED	REPORT DATE
1.	PLM920215-001	GOOD	CD	#1	TIL	/	/	/
2.	PLM920215-101	GOOD	CD	#1	MAS	/	/	/
3.	PLM920215-002	GOOD	CD	#2	TIL	/	/	/
4.	PLM920215-003	GOOD	CD	#3	TIL	/	/	/
5.	PLM920215-004	GOOD	CD	#4	TIL	/	/	/
6.	PLM920215-104	GOOD	CD	#4	MAS	/	/	/
7.	PLM920215-005	GOOD	CD	#5	TIL	/	/	/
8.	PLM920215-006	GOOD	CD	#6	TIL	/	/	/
9.	PLM920215-106	GOOD	CD	#6	MAS	/	/	/
10.	PLM920215-XXX	XXXX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	X	/	/

DO A 114727
CONFIDENTIAL