



Dow U.S.A.

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

June 22, 1992

Dane D'Armond LHCIII Building 6803

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: 6-22-1992
MASTER No. 433871 NBS

DO A 114951
CONFIDENTIAL

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 70765-0150
ATT :MS. DARLENE S. CREEL
(504)389-6181

DO A 114952
CONFIDENTIAL

204464

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 70765-0150
ATT: MS. DARLENE S. CREEL
(504)389-6181

June 4, 1992

BULK SAMPLE ANALYSIS REPORT

PROJECT NAME.....: PO 1531676
PROJECT LOCATION.: MSI 157849
JOB NUMBER.....: 92-
BATCH NUMBER.....: PLM920775

SAMPLED BY....:
DATE SAMPLED.: / /
DATE RECEIVED: 06/03/92
DATE ANALYZED: 06/04/92

<----- SAMPLE ----->			ASBESTOS	OTHER FIBERS	NON-FIBER
NO.	TYPE	LOCATION	DESCRIPTION	TYPE, %	TYPE, % MATERIAL
001	LHC3-SEALANT		OTHER BLACK	CHRY. 10-15	TAR

*** 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
NVLAP
CERTIFICATE OF ACCREDITATION
• This is not a NVLAP endorsement

DO A 114953
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:

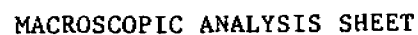
C = cloth
DBR = debris
FD = fire door ins.
G = gasket
M = mastic/adhesive
RF = roofing felt/flashing
S = siding/shingle
SL = soil
TC = transition cloth
T = transite/cement panels
TP = transite pipe
MIS = other miscellaneous

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



Daw

DO A 114955
CONFIDENTIAL

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

PO # 1531676

MSI # 157849

Sample I.D. :

LHC 3 - Sealant

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: _____ Time: _____

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

Field Information: Bulk Sample

LHC 3 - sealant

SAMPLE SHIPPING (other than transportation by collector):

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

Company Name: West Paine Courier

Address: _____

SAMPLE RECEIVING:

Person accepting sample Dechany Date: 6/3/92 Time: 4:00pm

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)

DO A 114956
CONFIDENTIAL

TERMINATION OF CHAIN OF CUSTODY:

Authorized by: _____ Date: _____ Time: _____

Company/Name: _____ Address: _____

70