



Dow U.S.A.

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

March 12, 1992

Billy Hood Chlorine Building 2601

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

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PRODUCED FOR THE ASBESTOS DATABASE

DATE: 3-12-92

MASTER No. 433871 DSC

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

RECEIVED

MAR 11 1992

IND. HYGIENE DEPT.

*Belongs to
Chlorine*

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20-1793

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

March 2, 1992

BULK SAMPLE ANALYSIS REPORT

PROJECT NAME.....: PO# 1489932
PROJECT LOCATION.: MSI# 153949
JOB NUMBER.....: -
BATCH NUMBER.....: PLM920324

SAMPLED BY....:
DATE SAMPLED.: / /
DATE RECEIVED: 02/28/92
DATE ANALYZED: 02/28/92

NO.	TYPE	LOCATION	DESCRIPTION	ASBESTOS TYPE, %	OTHER FIBERS TYPE, %	NON-FIBER MATERIAL
001	CELL SEWER		GRANULAR TAN	CHRY. 5-10	CELL. 3- 5	BIND, OTHE

*** 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

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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

P.O. # 1489932

Collector's Sample No's 1

MSI # 153449

CHAIN-OF-CUSTODY RECORD

SAMPLE COLLECTION:

Location of Sampling: Dow Chemical

Facility Type: X Producer Hauler Disposal Site Other:

Collectors Name: The Dow Chemical Company Telephone: (504)389-1635

Company Name: The Dow Chemical Company

Address: Hwy. 1, Plaquemine, La. 70764

Date Sampled: 2/26/92 Time:

Type of Process or Facility Sampled: Chlorine Plant

Field Information: Cell sewer

SAMPLE SHIPPING (other than transportation by collector)

Transporters Name: Conec Chustah Date: 2-28-92 Time: 10:15 AM

Company Name: West-Paine

Address: B.R.

SAMPLE RECEIVING:

Person accepting sample: Daniel Haydel Date: 022892 Time: 1120

Company Name: West-Paine Laboratories

Address: 7979 GSRI Avenue, Baton Rouge, La. 70808

Sample Disposition Storage Further Transportation Other Analyses

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

TERMINATION OF CHAIN-OR-CUSTODY:

Authorized by: Date: Time:

Company Name:

Address:

RD37/cmk
4/91

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FEB 28 1992