



Dow U.S.A.

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

February 27, 1992

Daniel Cortez Petrin Building 4106

cc: Rodney Bordelon Methanes Building 4601

Asbestos Monitoring

Enclosed is the correct copy for the sample #13482 on 1-30-91. Please attached this letter and corrected copy to the original letter dated February 19, 1992.

Thank you,

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

Attachment

dsc

PRODUCED FOR THE ASBESTOS DATABASE
DATE: 2-27-92
MASTER No. 433871 dsc

DO A 114757
CONFIDENTIAL

EXPOSURE GUIDELINES

8-HR. TWA LIMIT = 0.20 FIB/CC

30-MINUTE LIMIT = 1.0 FIB/CC

LIMIT OF DETECTION = 7 FIB/MM2

LIMIT OF QUANTITATION = 100 FIB/MM2

**LOD

***LOQ

ASBESTOS MONITORING DATA RESULTS: METHANES 1992

DATE	SAMPLE #	PERSONNEL	DESCRIPTION	DUR(MIN)	VOL(L)	** LOD FIB/CC	***LOQ FIB/CC
1/30/92	13482	*437-21-3070	Insulator: Wet method used while removing 4' x 8' sheets of transite	30	57	<0.01	<0.68
1/30/92	13483	*435-06-2532	Insulator: Wet removal method used while taking down transite sheets 4' x 8'	30	78	<0.03	<0.51

* The proper protective clothing was worn during the job. North 7700 Respirator with HEPA filters were worn during the job.

Note: The Limit of Quantitation has been defined as 100 Fibers/MM2 using the minimum fiber loading criteria specified. In the NIOSH analytical method 7400, the stated range of the method is 100 to 1300 Fibers/MM2 filter area. Although samples below this range can be analyzed, the method has not been validated below 100 Fibers/MM2. However, the NIOSH method 7400 also establishes the estimated Limit of Detection as 7 Fibers/MM2 (Reference OSHA Std. 1910.1001, Appendix B). Based on this information, we will establish 100 Fibers/MM2 filter area as our Limit of Quantitation and 7 Fibers/MM2 filter area as our Limit of Detection (which is more representative of the actual fibers present) for asbestos monitoring. We will report both Limit of Quantitation and Limit of Detection.

If only Limit of Quantitation were expressed, the minimum reportable result would calculate to be 0.04 Fibers per cc for an 8-hr. Time weighted average sample at a flow rate of 2 liters per minute and 0.6 fibers per cc for a 30 minute time weighted average short term sample at a flow rate of 2 liters per minute.

DO A 114758
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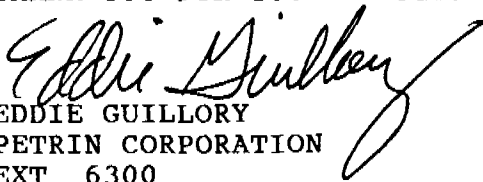
P. O. Box 330
Port Allen, LA 70767

Louisiana Contractor's
License #7334

TO: DARLENE S. CREEL
RE: LOUISIANA DIVISION INDUSTRIAL HYGIENE SAMPLE
RECORD # 13482
FROM: EDDIE GUILLORY
DATE: 2-25-92

MS. CREEL, WE REGRET THAT AN ERROR WAS MADE CONCERNING THE
EMPLOYEE I.D. NUMBER FOR STEVE FONDREN ON 1-30-92 FROM THE
ABOVE REFERENCE. PLEASE FIND ATTACHED THE CORRECTED
INFORMATION THAT YOU REQUESTED. IF ANY OTHER QUESTIONS
ARISE, FEEL FREE TO CONTACT MYSELF OR DANIEL CORTEZ,
ASBESTOS SUPERVISOR AT EXT. 6300.

THANK YOU FOR YOUR COOPERATION REGARDING THIS MATTER.


EDDIE GUILLORY
PETRIN CORPORATION
EXT 6300
BLDG 4106

ATTACHMENT

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DO A 114759
CONFIDENTIAL

DOW LOUISIANA DIVISION INDUSTRIAL HYGIENE SAMPLE RECORD

SAMPLE NO 13482

PLANT/DEPT. Methanex
MONITORING FOR: Acetone Isobutane

DATE 1-30-92
OTHER CHEMICALS PRESENT: _____

SAMPLE COLLECTION MEDIA

- ☐ BADGE NO. _____ TYPE _____
TEMP/HUMIDITY: (REQUIRED FOR BADGES) _____
☐ CHARCOAL TUBE SIZE _____
☒ FILTER CASSETTE SIZE 25 mm
☐ SILICA TUBE SIZE _____
☐ DRAGER TUBE TYPE _____
☐ OTHER _____

PUMP SERIAL NO. 5122

CALIBRATION DEVICE: ☒ BUBBLEMETER ☐ ROTAMETER
☐ OTHER _____

PUMP FLOW RATE CALIBRATION:

BEGIN: 1. 2487
2. 2485
3. 2483

BEGINNING FLOW RATE AVG. 2484 ☒ CC/MIN ☐ L/MIN

ENDING: 1. 1289 1290
2. 1287
3. 1288

ENDING FLOW RATE AVG. 1289 ☒ CC/MIN ☐ L/MIN

SHIFT: ☒ 8 HR. ☐ 12 HR. ☒ PERSONNEL SAMPLE ☐ AREA SAMPLE
☐ FULL SHIFT TWA
☐ STEL/TASK

EMPLOYEE NAME Steve Foudra
EMPLOYEE I.D.# 437-06-2532 437-21-3010
JOB CLASSIFICATION Insulator
IH JOB CODE # _____
CONTRACTOR COMPANY Petroleum Corp.

SAMPLE AVERAGE FLOW RATE 1886.5

TIME STARTED 9:55
TIME STOPPED 10:25
TOT. RUNNING TIME(MIN) 30

RESPIRATOR USED? ☒ YES ☐ NO
RESPIRATOR MODEL / CANISTER TYPE North 7700 w/40g Filter
☐ MOUTH-BIT ☐ DUST ☒ HALF-FACE
☐ FULL-FACE ☐ AIR-LINE ☐ SCBA

SAMPLE VOLUME (AVG FLOW X RUN TIME) 57

DESCRIPTION OF AREA SAMPLED/JOB PERFORMED DURING MONITORING Wet Method Used While
Removing 4' X 8' Sheets of Transite

ANALYTICAL REPORT REFERENCE # _____

ANALYTICAL RESULTS: 2490 0.01 0.68
West Paine Lab LOD

* RESTRICTED FOR USE WITHIN DOW ONLY *

FORM FILLED IN BY: Daniel Cortez

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However, the NIOSH method 7400 also establishes the estimated Limit of Detection as 7 Fibers/MM2 (Reference OSHA Std.

1910.1001, Appendix B). Based on this information, we will establish 100 Fibers/MM2 filter area as our Limit of Quantitation and 7 Fibers/MM2 filter area as our Limit of Detection (which is more representative of the actual fibers present) for asbestos monitoring. We will report both Limit of Quantitation and Limit of Detection.

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DO A 114761
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