

JOB NO.
 CHARGE NO.
 SUBJECT

Cell Crew - Need 6 -
 Cell Operators - Need 10 -

25 26
 8 Hour Sample - Hi Flo

AUTH NO.
 FILE NO.
 BY
 DATE

SHEET 1 OF 1
 Asbestos

Date	Status	Sample #	Class	Flow	Time
✓ 2-12-87	OK	✓ 03481	① Insulator	2.35/2.2	9:55/
✓ 2-23-87	VOID	✓ 06978	② Insul	2.4/1.4	8:25/30
✓ 2-23-87	VOID	✓ 03485	③ Insul	2.4/1.4	8:25/3:0
✓ 3-5-87	OK	✓ 06979	④ Insul	2.4/1.0	7:45/2:00
✓ 3-5-87	OK	✓ 06980	⑤ Insul	2.1/1.3	7:45/2:00
✓ 3-11-87	OK	✓ 06981	⑥ Insul	2.4/2.1	8:00/12:00
✓ 3-11-87	OK	✓ 06982	⑦ Insul	2.2/1.9	8:00/12:00
✓ 10-12-87	OK	✓ 06531	⑧ Todd Oper	2.026/1.990	12:10/13:45
✓ 10-12-87	OK	✓ 08524	⑨ Skip Oper	2.003/1.996	12:10/13:50
✓ 10-13-87	OK	✓ 08528	⑩ Todd Oper	2.008/1.994	7:00/15:00
✓ 10-13-87	OK	✓ 08528	⑪ Skip Oper	1.997/2.006	7:00/15:00
✓ 10-13-87	OK	✓ 08530	⑫ Insulation	1.896/1.991	8:00/14:00
✓ 10-13-87	OK	✓ 08531	⑬ Insulation	2.032/0.801	8:00/14:00
✓ 10-13-87	OK	✓ 08529	⑭ Insulation	1.864/1.794	8:00/14:00
✓ 10-20-87	VOID	✓ 08533	⑮ Insulation	2.2/1.8	08:10/14:30
✓ 10-20-87	VOID	✓ 08532	⑯ Insulation	2.25/2.3	08:12/14:30
✓ 11-12-87	OK	✓ 08548	⑰ Todd Hebert	2.538/2.510	07:30/10:30
✓ 11-12-87	OK	✓ 08549	⑱ Skip Butler	2.517/2.489	07:45/15:00
✓ 12-7-87	OK	✓ 08552	⑲ Todd Hebert	2.99/2.957	10:10/17:10
✓ 12-9-87	OK	✓ 08553	⑳ Skip Butler	3.009/2.970	08:25/15:45
✓ 12-9-87	OK	✓ 08554	㉑ Todd Hebert	3.058/3.001	08:25/15:45
✓ 3-3-87	OK	07689	㉒ Wendell Acosta	2.1/2.1	07:47/14:00
✓ 3-3-87	VOID	07690	㉓ Walter Leblanc	2.1/2.0	07:47/15:07
✓ 3-2-87	OK	07687	㉔ W. Acosta	1.9/1.9	12:12/14:47
✓ 3-2-87	VOID	07688	㉕ W. Leblanc	2.1/2.1	12:12/14:47

Chlor-Alkali II
 ASBESTOS ANALYSIS
 ANALYTICAL METHOD: NIOSH 7400A

DATE	SAMPLE #	SAMPLE DESCRIPTION	DURATION (MIN.)	VOLUME (L)	SAMPLE DURATION FIBERS/CC >5 MICRONS IN LENGTH	8-HR TW FIBERS/
10-13-87	08529	* Personnel - 0392 removing asbestos insulation - wet method.	360	658.08	0.01	0.01
10-13-87	08530	* Personnel - 0708 removing asbestos insulation - wet method	360	699.66	0.01	< 0.01
10-13-87	08531	* Personnel - 8058 removing asbestos insulation - wet method	360	558.90	< 0.01	< 0.01
10-20-87	08533	* Personnel - 8058 removing 400' of 2" demo asbestos line using wet method	380	769.0	void - no filter on cassette	
10-20-87	08532	* Personnel - 3937 ditto above.	378	859.95	void - filter on wrong side of cassette.	

* Proper clothing protection was worn. Half-face respiratory masks with high efficiency filters were worn during the job.

Jackie Paul
 Industrial Hygiene - 8802 ext.
 11/5/87

JP:sb
 2/87

DO 090720
 CONFIDENTIAL

#6

Block 3601

Material for Asbestos

Other Chemicals Present:

Person or Area Monitored Kevin Guillory

Employee ID # 436-19-8058 Job Classification Ins.

Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other

Sample No 08533

Date 10/20/17

Description of task performed during monitoring period including any unusual activities

2" demo line (station) 400'
wet method

Time Started 0810

Time Stopped 0230

Beginning Flow Rate 2.9 L

Ending Flow Rate 1.8 L

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☐ Bubblemeter ☒ Rotometer

☐ Other

NOTE: Job description must be concise and complete.

Respirator used ☒ Yes ☐ No

Type? North half-face

Wind, Temp. and Humidity

Form filled in by J. Paul



LOUISIANA DIVISION INDUSTRIAL HYGIENE

#1

Block 3601 Person or Area Monitored Larry O'Brien Sample No 08532
Monitoring for Asbestos Employee ID # 439-49-3937 Job Classification Ins
Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other _____ Date 10/20/87

Other Chemicals Present:

Description of task performed during monitoring period including any unusual activities

2" dense line (stone) 400'
wet method

Time Started 0812

Time Stopped 1230

Beginning Flow Rate 2.25 l

Respirator used ☒ Yes ☐ No

Type? North half-face

Ending Flow Rate 2.3

Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☐ Bubblemeter ☒ Rotometer

☐ Other _____

NOTE: Job description must be concise and complete.

Form filled in by J. Paul



LOUISIANA DIVISION INDUSTRIAL HYGIENE

Block CA 2 Person or Area Monitored Kevin Guillany Sample No 08531
Monitoring for Asbestos Employee ID # 436-19-8058 Job Classification Insulator
Type Sample: ☐ Personnel ☐ Area ☐ Excursion ☐ Other Date 10-13-87
Other Chemicals Present: _____ Description of task performed during monitoring period including any unusual activities _____
Removing Asbestos Insulation
Time Started 800
Time Stopped 1400
Beginning Fl w Rate 2.302 Respirator used ☒ Yes ☐ No Type? North Half-face
Ending Fl w Rate .803 Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☐ Yes ☐ No
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by Dale Crockett



LOUISIANA DIVISION INDUSTRIAL HYGIENE

Block 3 CA#2 Person or Area Monitored Tommy Granger Sample No 08530
 Monitoring for Asbestos Employee ID # 434-25-0708 Job Classification Insulation
 Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other Date 10-13-87
 Other Chemicals Present: Description of task performed during monitoring period including any unusual activities Removing Asbestos insulation
 Time Started 8 00
 Time Stopped 14 00
 Beginning Flow Rate 1.896 l Respirator used ☒ Yes ☐ No Type? North half-face
 Ending Flow Rate 1.991 Wind, Temp. and Humidity
 Calibration Check Prior to Monitoring? ☒ Yes ☐ No
 Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other
 NOTE: Job description must be concise and complete.

Form filled in by Dale Crockett



LOUISIANA DIVISION INDUSTRIAL HYGIENE

2
Block CA2 Person or Area Monitored Willie Harris Sample No 08529
Monitoring for Asbestos Employee ID # 439-98-0392 Job Classification Insulator
Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other _____ Date 10-13-87
Other Chemicals Present: _____ Description of task performed during monitoring period including any unusual activities
Removing Asbestos Insulation
Time Started 800
Time Stopped 1400
Beginning Flow Rate 1.862 l/min Respirator used ☒ Yes ☐ No Type? North half-face
Ending Flow Rate 1.794 l/min Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete.

Form filled in by Dave Condit



LOUISIANA DIVISION INDUSTRIAL HYGIENE

CA-II ASBESTOS SAMPLE RESULTS

DATE	SAMPLE#	PERSONNEL	DESCRIPTION	DUR(MIN)	VOLUME(L)	FIB/CC)5MICRON	8-IN TWA FIB/CC PLANT
12/09/87	✓ 8533	433594	SOT - CELL CREW OPR PULP WAGON VALES:FILLED ALSO	440	1315.600	0.006	0.006 CA-II
11/12/87	✓ 8548	433965	SOT-CELL CREW DUTIES - PULPED TWO CELLS	180	454.500	0.026	0.010 CA-II
11/12/87	✓ 8549	433594	SOT - CELL CREW DUTIES - PULPED CELLS	405	1014.525	0.013	0.011 CA-II
12/09/87	✓ 8554	433965	SOT-CELL CREW: PULPED 28 CELLS	440	1333.200	0.024	0.022 CA-II
12/07/87	✓ 8552	433965	SOT- PULPING CELLS; OPR PULP WAGON	420	1249.500	0.025	0.022 CA-II

DO 090726
CONFIDENTIAL

CA2

for
7shesfos

chemicals Present:

420

20

440

started

0825

stopped

1545

Flow Rate 3.0589

Flow Rate

3.0012

Respirator used ☐ Yes ☐ No

3.0295

Time Check Prior to Monitoring? ☒ Yes ☐ No After

Instrument: ☐ Bubblemeter ☐ Rotometer

☐ Other

Job description must be concise and complete.

LOUISIANA DIVISION INDUSTRIAL HYGIENE

Person or Area Monitored

Todd Hebert

Sample

No 08554

Employee ID #

433965

Job Classification

SOT

Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other

Date 12-9-87

Description of task performed during monitoring period including any unusual activities

Pulped 28 cells

Type?

Wind, Temp. and Humidity

Form filled in by

Shirley Crockett

Block CA 2 Person or Area Monitored Todd Hebert Sample No 08552 ✓
 Monitoring for Asbestos Employee ID # 433965 Job Classification SOT
 Type Sample: ☐ Personnel ☐ Area ☒ Excursion ☐ Other _____ Date 12-7-87
 ther Chemicals Present: (420) Description of task performed during monitoring period including any unusual activities _____
Pulping cells, operating pulp wagon valves
(52 cells)
 Time Started 1010
 Time Stopped 1710
 Beginning Flow Rate 2.99 Respirator used ☐ Yes ☐ No Type? _____
 Ending Flow Rate 2.957 → 2.9735 Wind, Temp. and Humidity _____
 Calibration Check Prior to Monitoring? ☒ Yes ☐ No AND
 Calibration: ☒ Bubblemeter ☐ Rotometer AFTER
☐ Other _____

NOTE: Job description must be concise and complete.

Form filled in by Quel Crochet



LOUISIANA DIVISION INDUSTRIAL HYGIENE

#1

Block CA 2

Monitoring for Asbestos

Other Chemicals Present:

420
440

Time Started 0825

Time Stopped 1545

Beginning Flow Rate 3.009

Ending Flow Rate 2.970

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☒ Bubblemeter ☐ Rotometer

☐ Other

NOTE: Job description must be concise and complete.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

Person or Area Monitored Skip Butler

Employee ID # 433594

Job Classification SOT

Sample No 08553

Type Sample: ☒ Personnel ☐ Area ☒ Excursion ☐ Other

Date 12-9-87

Description of task performed during monitoring period including any unusual activities

Operated pulp wagon valves, filled
pulp wagon w/

Respirator used ☐ Yes ☐ No

Type?

Wind, Temp. and Humidity

AND
AFTER

Form filled in by Dan C. Smith

* 1

Block C.A. 2 Person or Area Monitored Todd Hebert Sample No 08548

Monitoring for Asbestos Employee ID # 3965 Job Classification Sot
Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other Date 11-12-87

Other Chemicals Present: Description of task performed during monitoring period including any unusual activities

(180) Cell crew Duties - Pulped Two Cells

Time Started 0730

Time Stopped 1030

Beginning Flow Rate 2.538 Respirator used ☐ Yes ☐ No Type?

Ending Flow Rate 2.510 → 2.524 Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No And After

Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other

NOTE: Job description must be concise and complete. Form filled in by Oae Crochet



LOUISIANA DIVISION INDUSTRIAL HYGIENE

Block CA #2 Person or Area Monitored Skip Butler Sample Nº 08549
 Monitoring for Asbestos Employee ID # 433594 Job Classification SOT
 Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other _____ Date 11-12-87
 Other Chemicals Present: _____ Description of task performed during monitoring period including any unusual activities _____
435
 Time Started 0745 _____
 Time Stopped 1500 _____
 Beginning Flow Rate 2.517 Respirator used ☐ Yes ☐ No Type? _____
 Ending Flow Rate 2.489 2.503 Wind, Temp. and Humidity _____
 Calibration Check Prior to Monitoring? ☒ Yes ☐ No And After _____
 Calibration: ☒ Bubblemeter ☐ Rotometer _____
☐ Other _____

NOTE: Job description must be concise and complete.

Form filled in by Dave Cochet



LOUISIANA DIVISION INDUSTRIAL HYGIENE

Chlor-Alkali II
 ASBESTOS ANALYSIS
 ANALYTICAL METHOD: NIOSH 7400A

DATE	SAMPLE #	SAMPLE DESCRIPTION	DURATION (MIN.)	VOLUME (L)	SAMPLE DURATION FIBERS/CC >5 MICRONS IN LENGTH	8-HR TWA FIBERS/CC
10/12/87	08524	Personnel-3594 pulping Cello- using hooker 2; pulped about 20 cello - cell crew	100	179.95	< 0.01	< 0.01
10/12/87	06531	Personnel-3965 ditto above	95	190.76	0.17	0.03
10/13/87	08528	Personnel-3594 regular cell duties including pulping 13 cello on S-3	480	960.72	0.01	0.01
10/13/87	08527	Personnel-3965 ditto above	480	960.48	0.04	0.04

Jackie Paul
Env. Hygiene - 8702 est
11/5/87

JP:sb
 2/87

DO 090732
 CONFIDENTIAL

Block CA 2 Person or Area Monitored Todd Hebert Sample NO 08527
Monitoring for Asbestos Employee ID # 3965 Job Classification Sot
Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other _____ Date 10-13-87

Other Chemicals Present:

Description of task performed during monitoring period including any unusual activities _____

Cell Duties Includes Pulping 13 calls on S-3

Time Started 0700

Time Stopped 1500

Beginning Flow Rate 2.0082

Respirator used ☐ Yes ☐ No

Type? _____

Ending Flow Rate 1.9949

Wind, Temp. and Humidity _____

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☒ Bubblemeter ☐ Rotometer

☐ Other _____

NOTE: Job description must be concise and complete.

Form filled in by Dale Gault



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090733
CONFIDENTIAL

Block CA 2 Person or Area Monitored Skip Butler Sample No 08528

Monitoring for Asbestos Employee ID # 433594 Job Classification SOT

Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other _____ Date 10-13-87

Other Chemicals Present: _____ Description of task performed during monitoring period including any unusual activities _____

480 Regular Cell Duties including pulp
13 cells on S-3

Time Started 0700

Time Stopped 1500

Beginning Flow Rate 1.997 Respirator used ☐ Yes ☐ No Type? _____

Ending Flow Rate 2.006 Wind, Temp. and Humidity _____

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☒ Bubblemeter ☐ Rotometer

☐ Other _____

NOTE: Job description must be concise and complete. Form filled in by Dale Crockett



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090734
CONFIDENTIAL

Block CA 2 Person or Area Monitored 433965 Todd Hebert Sample No 06531
Monitoring for Asbestos Type Sample: ☒ Personnel ☐ Area
(95) ☒ Excursion ☐ Other _____ Date Oct. 12, 1987
Other Chemicals Present: _____ Job Classification SOT Description of task performed during monitoring period
including any unusual activities _____
Pulping Cells - Hooker 2 pulp
Time Started 1210 about 20 cells
Time Stopped 1345
Beginning Flow Rate 2.026 Respirator used ☐ Yes ☐ No Type? _____
Ending Flow Rate 1.990 Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No (After)
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by Dae Crockett



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090735
CONFIDENTIAL

#2

Block CA 2

Person or Area Monitored Skip Butler

Sample No 08524

Monitoring for

Employee ID # 433594

Job Classification Set

Asbestos

Type Sample: ☒ Personnel ☐ Area ☒ Excursion ☐ Other

Date Oct 12, 1987

Other Chemicals Present:

Description of task performed during monitoring period including any unusual activities

100

Pulpine Cells - used Hooker 2 Pulp
about 20 cells

Time Started 1210

Time Stopped 1350

Beginning Flow Rate 2.003

Respirator used ☐ Yes ☐ No

Type?

Ending Flow Rate 1.996

Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No After

Calibration: ☒ Bubblemeter ☐ Rotometer

☐ Other

NOTE: Job description must be concise and complete.

Form filled in by Dale Crockett



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090736
CONFIDENTIAL

ASBESTOS ANALYSIS

ANALYTICAL METHOD: NIOSH 7400A

DATE	SAMPLE #	SAMPLE DESCRIPTION	DURATION (MIN.)	VOLUME (L)	FIBERS/CC >5 MICRONS IN LENGTH	8-HR TWA FIBERS/CC
2-12-87	03481	* Personnel - 435-27-6339 encapsulating asbestos w/airless sprayer @ CAH	310	519.25	0.01	<0.01
2-20-87	03483	* Personnel - 437-60-8864 stripping insulation w/asbestos covering - used wet method @ Poly B	28	61.6	0.03	0.01
2-20-87	03484	* Personnel - 438-13-2555 ditto description above: Poly B	27	60.75	0.02	0.01

* Proper clothing protection was worn. Comps-II half-face mask with high efficiency filters were worn during the job.

Jackie Paul
Ind. Hygiene
B-3502E

JP:sb
2/87

DO 090737
CONFIDENTIAL

Block CA-2 Person or Area Monitored Walter LeBlanc 435-27-6337 Sample NO 03481
Monitoring for Asbestos Type Sample: ☐ Personnel ☐ Area
☒ Excursion ☐ Other Date Feb. 12, 1987
Other Chemicals Present: Job Classification Insulator Description of task performed during monitoring period
including any unusual activities Encapsulating Asbestos Insulation
with airless sprayers
Time Started 9:55
Time Stopped 15:15
Beginning Flow Rate 2.35 Respirator used ☒ Yes ☐ No Type? Connjo II w/ HEPA Filter
Ending Flow Rate 1.00 Wind, Temp. and Humidity
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration Equipment Used? Brooks Rota
NOTE: Job description must be concise and complete. Form filled in by Dale Crochet



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090738
CONFIDENTIAL

INDUSTRIAL HYGIENE SAMPLE CONCENTRATION DATA ENTRY

NAME OF INVESTIGATOR: E D C

CHEMICAL NAME Asbestos DR# 0027-0713

PLANT CA2 PLANT NO. 0361

SAMPLE DATE (MMDDYY) 10-13-87

SAMPLE NUMBER 08529

SAMPLING TIME IN MIN. 360

SAMPLE VOLUME IN LITERS 658.08

SAMPLE TYPE (A,S OR P)

A=AREA

S=SHORT TERM

P=PERSONAL

IF AREA, DESCRIBE

RESPIRATOR TYPE (1 TO 7)*

8 OR 12 HOUR SHIFT

SHIFT 1, 2, OR 3

EMPLOYEE I.D. NO.

IH JOB ASSIGNMENT #

P

N/A

3

8

1

439-98-0392 SSN

13

SAMPLE CONCENTRATION RESULT 0.01 fil/cc

COMMENTS: Remov Asb - wet method - insulator

*RESPIRATOR TYPE: 1 = NOT USED 2 = MOUTH-BIT 3 = HALF FACE
4 = FULL FACE 5 = AIR LINE 6 = DUST MASK 7 = SCBA

RAW DATA:

START TIME: 0800

STOP TIME: 1400

BEGINNING FLOW RATE: 1.862

ENDING FLOW RATE: 1.794

ASBESTOS ANALYSIS
ANALYTICAL METHOD: NIOSH 7400A

DATE	SAMPLE #	SAMPLE DESCRIPTION	DURATION (MIN.)	VOLUME (L)	SAMPLE DURATION FIBERS/CC >5 MICRONS IN LENGTH	8-HR T FIBERS
03-11-87	06981	* Personnel - 433-23-2653 cleaning up removed insulation @ CA 2	240	540.0	0.05	0.0
03-11-87	06982	* Personnel - 434-25-0708 ditto above	240	492.0	0.02	0.0

* Proper clothing protection was worn. Comfo II half-face masks with high efficiency filters were worn during the job.

Jackie Paul
Ind. Hygiene
B. 3502 E
3/18/87

JP:sb
2/87

DO 090740
CONFIDENTIAL

DO 090741
CONFIDENTIAL

Block CA 2 Person or Area Monitored Wendell Acosta Sample No 06981
Monitoring for Asbestos Type Sample: ☒ Personnel ☐ Area
☐ Excursion ☐ Other _____ Date March 11, 1987
Other Chemicals Present: _____ Job Classification Insulator Description of task performed during monitoring period
including any unusual activities _____
Cleaning up removed insulation
Time Started 8:00 240 min 0.05 0.03 8-hr
Time Stopped 12:00 540.0 min 1.00 1.00
Beginning Flow Rate 2.4 Respirator used ☒ Yes ☐ No Type? Combo II w filter
Ending Flow Rate 2.1 Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☐ Bubblemeter ☒ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by Dale Crochet
 LOUISIANA DIVISION INDUSTRIAL HYGIENE

Block CA 2 Person or Area Monitored Tommy Granger Sample No 06982
Monitoring for Asbestos Type Sample: ☒ Personnel ☐ Area
☐ Excursion ☐ Other _____ Date March 11, 1987
Other Chemicals Present: _____ Job Classification Insulator Description of task performed during monitoring period
including any unusual activities _____
Cleaning up removed insulation
Time Started 8:00 240 min 0.02 0.01 8-hr
Time Stopped 12:00 492.0 min 1.00 1.00
Beginning Flow Rate 2.2 Respirator used ☐ Yes ☐ No Type? Combo II w filter
Ending Flow Rate 1.9 Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☐ Bubblemeter ☒ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by Dale Crochet
 LOUISIANA DIVISION INDUSTRIAL HYGIENE

ASBESTOS ANALYSIS
ANALYTICAL METHOD: NIOSH 7400A

DATE	SAMPLE #	SAMPLE DESCRIPTION	DURATION (MIN.)	VOLUME (L)	SAMPLE DURATION FIBERS/CC >5 MICRONS IN LENGTH	8-HR 1 FIBERS
2-23-87	06978	* Personnel - 435-27-6339 spraying encapsulate over asbestos @ CA 2.	395	750.5	void - encapsulate rendered sample non-readable.	
2-23-87	03485	* Personnel - 434-25-0708 ditch above	395	553.0	void - could not be read because of encapsulate on filter	

* Proper clothing protection was worn. Comp II half-face masks with high efficiency filters were worn during the job.

Jackie Paul
Asst Hygiene
B-3502 E

JP:ab
2/87

DO 090742
CONFIDENTIAL

Block U12

Monitoring for Asbestos

Other Chemicals Present:

Person or Area Monitored WALLS INSULATION

Type Sample: ☒ Personnel ☐ Area

☐ Excursion ☐ Other 8 Hour

Sample No UD918

Date Feb. 23, 1987

Job Classification Insulator Description of task performed during monitoring period including any unusual activities Spraying encapsulate over asbestos insulation

Time Started 8:25 AM 395

Time Stopped 3:00 PM 1116

Beginning Fl w Rate 2.4 l Respirator used ☒ Yes ☐ No

Ending Fl w Rate 1.4 l 1.9 750.5 wlf

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☐ Bubblemeter ☒ Rotometer

☐ Other Brooks Roto

NOTE: Job description must be concise and complete.

 LOUISIANA DIVISION INDUSTRIAL HYGIENE

Type? Conf II w/ HEPA filter

Wind, Temp. and Humidity

Form filled in by Dale Crockett

DO 090743
CONFIDENTIAL

434-25-0708

#2

Block CA 2

Monitoring for Asbestos

Other Chemicals Present:

Person or Area Monitored Tommy Granger

Type Sample: ☒ Personnel ☐ Area

☐ Excursion ☐ Other 8 hr

Sample No 03485

Date Feb. 23, 1987

Job Classification Insulator Description of task performed during monitoring period including any unusual activities Spraying encapsulate over Asbestos insulation

Time Started 8:25 AM 395

Time Stopped 3:00 PM 1116

Beginning Flow Rate 2.4 l Respirator used ☒ Yes ☐ No

Ending Flow Rate .4 l 553.0

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration Equipment Used? Brooks Roto

NOTE: Job description must be concise and complete.

 LOUISIANA DIVISION INDUSTRIAL HYGIENE

Type? Conf II w/ HEPA filter

Wind, Temp. and Humidity

Form filled in by Dale Crockett

ASBESTOS ANALYSIS
ANALYTICAL METHOD: NIOSH 7400A

DATE	SAMPLE #	SAMPLE DESCRIPTION	DURATION (MIN.)	VOLUME (L)	SAMPLE DURATION FIBERS/CC >5 MICRONS IN LENGTH	8-HR FIBERS
3-02-87	07687	* Personnel - 433-23-2653 spraying encapsulate on asbestos @ CA2	155	308.45	0.01	<0.1
3-02-87	07688	* Personnel - 435-27-6339 ditto above	155	325.5	void - sample could not be read; filter spr w/ encapsulate	
3-03-87	07689	* Personnel - 433-23-2653 ditto above	313	657.3	<0.01	<0.
3-03-87	07690	* Personnel - 435-27-6339 ditto above	380	779.0	void - sample could not be read; filter sprayed w/ encapsulate	

* Proper clothing protection was worn. Comfo II half-face masks with high efficiency filters were worn during the job.

Jackie Paul
Ind. Hygiene
B-3502E

JP:ab
2/87

DO 090744
CONFIDENTIAL

Block CA II
Monitoring for Asbestos

Person or Area Monitored Wendell Acosta
Type Sample: ☒ Personnel ☐ Area

Sample No 07689

☐ Excursion ☐ Other

Date 3-3-87

Other Chemicals Present:

Job Classification _____
Description of task performed during monitoring period
including any unusual activities Spraying Encapsulant over Asbestos

Time Started 7:47 313

Time Stopped 2:00

657.3 Vol

< 0.01

Beginning Fl w Rate 2.1

Respirator used ☒ Yes ☐ No

Type? Conf II w/ Hela filter

Ending Flow Rate 2.1

Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other

Form filled in by J. Paul

NOTE: Job description must be concise and complete.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090745
CONFIDENTIAL

Block CA II
Monitoring for Asbestos

S/N 5072

SS # 435-27-6339

Person or Area Monitored Walter Leblanc
Type Sample: ☒ Personnel ☐ Area

Sample No 07690

☐ Excursion ☐ Other

Date 3-3-87

Other Chemicals Present:

Job Classification _____
Description of task performed during monitoring period
including any unusual activities Spraying Encapsulant over Asbestos

Time Started 7:47

380 NOID NOID

Time Stopped 3:07

Beginning Flow Rate 2.1

Respirator used ☒ Yes ☐ No

Type? Conf II w/ Hela filter

Ending Flow Rate 2.0

Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other

Form filled in by J. Paul

NOTE: Job description must be concise and complete.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

Block CA II Person or Area Monitored Wendell McCosta Sample No 07687
Monitoring for Asbestos Type Sample: ☒ Personnel ☐ Area
☐ Excursion ☐ Other _____ Date 3/2/87
Other Chemicals Present: _____ Job Classification _____ Description of task performed during monitoring period
including any unusual activities Spraying encapsulate in asbestos
Time Started 12:12 155
Time Stopped 2:47 308.45 vol 0.01
Beginning Flow Rate 1.9 l Respirator used ☒ Yes ☐ No Type? Conf II w/Hepa Filter
Ending Flow Rate 1.9 l Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by J. Paul

DOW

LOUISIANA DIVISION INDUSTRIAL HYGIENE

Block CA II S/N 5072 SS# 435-27-6339 Person or Area Monitored Walter Lohme Sample No 07688
Monitoring for Asbestos Type Sample: ☒ Personnel ☐ Area
☐ Excursion ☐ Other _____ Date 3/2/87
Other Chemicals Present: _____ Job Classification _____ Description of task performed during monitoring period
including any unusual activities Spraying encapsulate over asbestos
Time Started 12:12 155
Time Stopped 2:47 325.5 VOID
Beginning Flow Rate 2.1 l Respirator used ☒ Yes ☐ No Type? Conf II w/Hepa Filter
Ending Flow Rate 2.1 l Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by J. Paul

DOW

LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090746
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ASBESTOS ANALYSIS
ANALYTICAL METHOD: NIOSH 7400A

DATE	SAMPLE #	SAMPLE DESCRIPTION	DURATION (MIN.)	VOLUME (L)	SAMPLE DURATION FIBERS/CC >5 MICRONS IN LENGTH	8-HR T FIBERS
03-05-87	06979	* Personnel- 433-23-2653 spraying encapsulate on asbestos w/oilless sprayer @ CA 2	375	637.5	0.01	< 0.0
03-05-87	06980	* Personnel- 435-27-6339 ditto above	375	637.5	0.01	< 0.01

Note: on above results, fiber count may have been affected by encapsulate on filters.

* Proper clothing protection was worn. Comfo II half-f. masks with high efficiency filters were worn during the job.

Jackie Paul
Ind. Hygiene
B. 3502 E

JP:ab
2/87

DO 090747
CONFIDENTIAL

Block CA 2 Person or Area Monitored Walter Leblanc Sample No 06980
Monitoring for Asbestos Type Sample: ☒ Personnel ☐ Area
☐ Excursion ☐ Other _____ Date March 5, 1987
Other Chemicals Present: _____ Job Classification Insulator Description of task performed during monitoring period
including any unusual activities Encapsulating Asbestos with Airless
sprayer
Time Started 7:45 375
Time Stopped 2:00 375 0.01
Beginning Flow Rate 2.1 637.5 Respirator used ☐ Yes ☐ No Type? Combo II with high efficiency filter
Ending Flow Rate 1.3 Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☐ Bubblemeter ☒ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by Dale Crabtree

 LOUISIANA DIVISION INDUSTRIAL HYGIENE

Block CA 2 Person or Area Monitored Wendell Acosta Sample No 06979
Monitoring for Asbestos Type Sample: ☒ Personnel ☐ Area
☐ Excursion ☐ Other _____ Date March 5, 1987
Other Chemicals Present: _____ Job Classification Insulator Description of task performed during monitoring period
including any unusual activities Encapsulating Asbestos with
airless sprayer
Time Started 7:45 375
Time Stopped 2:00 375 0.01
Beginning Flow Rate 2.4 637.5 Respirator used ☐ Yes ☐ No Type? Combo II with high efficiency filter
Ending Flow Rate 1.0 Wind, Temp. and Humidity _____
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☐ Bubblemeter ☒ Rotometer
☐ Other _____
NOTE: Job description must be concise and complete. Form filled in by Dale Crabtree

 LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 090748
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