



DOW CHEMICAL U.S.A.

LOUISIANA DIVISION
P. O. BOX 150
PLAQUEMINE, LOUISIANA 70764
504 389-8000

March 19, 1981

Greg Franklin
Marine Department

This is to inform you that the result of your vinyl chloride excursion sample on 3-15-81, while disconnecting ship Amelia, was 17.7 PPM, which is above the ceiling of 5 PPM.

There were no apparent problems and breathing air was used. I observed this disconnect and it appeared to be a good one.

You may make arrangements with our medical department for a physical if you so desire.

J. L. Moreau, Jr.
J. L. Moreau, Jr.
Industrial Hygiene - Marine

sg

cc: Al Kirby - Marine

DO 098087
CONFIDENTIAL

OBSERVED
DISCONNECT
SLM

Dock #1

PERSONNEL EXPOSURE DATA SHEET

VINYL CHLORIDE PLANT

NAME Amelia CLASSIFICATION Vinyl Ship DATE 3-15-81

COMPOUNDS MEASURED	PPM MOLE 8 HOUR T.W.A.	PPM MOLE 15 MINUTE EXCURSION
OT Greg Franklin	Disconnect 75'	17.74 PPM
OT Jack Mayo	Disconnect 75'	4.79 PPM
SS Bob Duhon	Top Deck 60'	6.0002 PPM
OS Ernie Williams Sr.	Top Deck 60'	.09 PPM
Area - work Barge	25' from Disconnect 60'	.12 PPM

REMARKS:

PUMPS CALIBRATED PRIOR TO AND AFTER TESTS TO DETERMINE LITERS PUMPED.

3-17-81

No problems with disconnect, good disconnect.

Thanks,
Marvin

Marvin Cox
Vinyl 1 Plant

DO 098088
CONFIDENTIAL

PUMP # 2

Block MARINE DOCK # 1 Person or Area Monitored JACK MAYO Sample No 01854Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ AreaSHIP AMELIA☐ Excursion ☐ OtherDate 3-15-81

Other Chemicals Present:

NONEJob Classification OT

Description of task performed during monitoring period

including any unusual activities WORKED DISCONNECT ABOARD SHIP
(UPWIND SIDE)Time Started 1055 AMTime Stopped 1210 PMBeginning Flow Rate 100 cc 0.97 MIN. Respirator used ☒ Yes ☐ NoEnding Flow Rate 100 cc 1.04 MIN.Type? BREATHING AIR

Wind, Temp. and Humidity

FROM SW-12 MPH - 73° (1100 AM)Calibration Check Prior to Monitoring? ☒ Yes ☐ NoCalibration Equipment Used? BUBBLE

NOTE: Job description must be concise and complete.

Form filled in by J.L. Maran, Jr.

LOUISIANA DIVISION INDUSTRIAL HYGIENE

PUMP # 1

Block MARINE DOCK # 1 Person or Area Monitored GREG FRANKLIN Sample No 01853Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ AreaSHIP AMELIA☐ Excursion ☐ OtherDate 3-15-81

Other Chemicals Present:

NONEJob Classification OT

Description of task performed during monitoring period

including any unusual activities WORKED DISCONNECT ABOARD SHIP
(DOWNWIND SIDE)Time Started 1055 AMTime Stopped 1210 PMBeginning Flow Rate 100 cc 0.92 MIN. Respirator used ☒ Yes ☐ NoEnding Flow Rate 100 cc 0.92 MIN.Type? BREATHING AIR

Wind, Temp. and Humidity

FROM SW-12 MPH - 73° (1100 AM)Calibration Check Prior to Monitoring? ☒ Yes ☐ NoCalibration Equipment Used? BUBBLE

NOTE: Job description must be concise and complete.

Form filled in by J.L. Maran, Jr.

LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 098089

PUMP # 4

Block MARINE DOCK #1 Person or Area Monitored ERNIE WILLIAMS, SR. Sample No 01856
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
SHIP AMELIA ☐ Excursion ☐ Other _____ Date 3-15-81
Other Chemicals Present: _____ Job Classification OS Description of task performed during monitoring period
NONE (6.12) 60' including any unusual activities OPERATED CRANE ON TOP DECK FOR DISCONNECT.
Time Started 1110 AM
Time Stopped 1210 PM
Beginning Flow Rate 100 cc 0.99 MIN. Respirator used ☐ Yes ☒ No Type? _____
Ending Flow Rate 100 cc 0.97 MIN. Wind, Temp. and Humidity FROM SW-12 MPH — 73° (1100AM)
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration Equipment Used? BUBBLE
NOTE: Job description must be concise and complete. Form filled in by J.L. Mariani, Jr.
 LOUISIANA DIVISION INDUSTRIAL HYGIENE

PUMP # 3

Block MARINE DOCK #1 Person or Area Monitored BOB DUHON Sample No 01855
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
SHIP AMELIA ☐ Excursion ☐ Other _____ Date 3-15-81
Other Chemicals Present: _____ Job Classification S/S Description of task performed during monitoring period
NONE (6.28) 60' including any unusual activities SUPERVISED DISCONNECT AND PURGING OPERATIONS
ON TOP DECK
Time Started 1110 AM
Time Stopped 1210 PM
Beginning Flow Rate 100 cc 0.98 MIN. Respirator used ☐ Yes ☒ No Type? _____
Ending Flow Rate 100 cc 0.96 MIN. Wind, Temp. and Humidity FROM SW-12 MPH — 73° (1100AM)
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration Equipment Used? BUBBLE
NOTE: Job description must be concise and complete. Form filled in by J.L. Mariani, Jr.
 LOUISIANA DIVISION INDUSTRIAL HYGIENE

PUMP # 5

APPROX. 25 FT. FROM

Block MARINE DOCK #1

Person or Area Monitored ON WORK BARGE-DISCONNECT POINT Sample No 01857

Monitoring for VINYL CHLORIDE

Type Sample: ☐ Personnel ☒ Area

SHIP AMELIA

☐ Excursion ☐ Other

Date 3-15-81

Other Chemicals Present:

Job Classification Description of task performed during monitoring period

NONE

including any unusual activities SHIP DISCONNECT

(5.98) 60'

Time Started 1110AM

Time Stopped 1210 PM

Beginning Flow Rate 0.99 MIN. 100 CC

Respirator used ☐ Yes ☐ No

Type?

Ending Flow Rate 1.03 MIN. 100 CC

Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

FROM SW-12 MPH - 73° (1100AM)

Calibration Equipment Used? BUABLE

NOTE: Job description must be concise and complete.

Form filled in by J. L. Marcus, Jr.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

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