



DOW CHEMICAL U.S.A.

REV  
4/81

July 30, 1981

LOUISIANA DIVISION  
P. O. BOX 160  
PLAQUEMINE, LOUISIANA 70764  
504 389-8000

Gregory Franklin  
Marine Department

This is to inform you that the result of your vinyl chloride excursion sample on July 28, 1981, while disconnecting ship Amelia was 173.44 PPM, which is above the ceiling of 5 PPM.

Breathing air was used. However, Gregory Franklin felt he could smell vinyl chloride from ship prior to putting on fresh air mask for disconnect. Ship log indicated no problem with disconnect.

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 - RR/Marine

sg

cc: Al Kirby - Marine

DO 098245  
CONFIDENTIAL



DOW CHEMICAL U.S.A.

LOUISIANA DIVISION

P. O. BOX 160

PLAQUEMINE, LOUISIANA 70764

504 389-8000

July 30, 1981

Dana Guilbeau  
Marine Department

This is to inform you that the result of your vinyl chloride excursion sample on July 28, 1981, while disconnecting ship Amelia was 86.13 PPM, which is above the ceiling of 5 PPM.

Breathing air was used. However, Gregory Franklin felt he could smell vinyl chloride from ship prior to putting on fresh air mask for disconnect. Ship log indicated no problem with disconnect.

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 - RR/Marine

sg

cc: Al Kirby - Marine

DO 098246  
CONFIDENTIAL

Dock #1

PERSONNEL EXPOSURE DATA SHEET

VINYL CHLORIDE PLANT

NAME Amelia CLASSIFICATION Ship DATE 7-28-81

| COMPOUNDS MEASURED   | PPM MOLE 8 HOUR T.W.A.   | PPM MOLE 15 MINUTE EXCURSION     |
|----------------------|--------------------------|----------------------------------|
| SOT- Carl Woods      | Operated Crane 40' 3.94p | 4.25                             |
| OT- Gregory Franklin | Disconnect 40' 4.1p      | 173.44 - Sec. Section Vinyl Free |
| OTT- Dana Guilbeau   | Disconnect 40' 4.36p     | 86.13 - Sec. Section Vinyl Free  |
|                      |                          |                                  |
|                      |                          |                                  |
|                      |                          |                                  |
|                      |                          |                                  |
|                      |                          |                                  |
|                      |                          |                                  |
|                      |                          |                                  |

REMARKS:

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

7-30-81

Talked to Maine Supervisor.

Ship log showed no problem with disconnect.

Thanks,

Marvin

Notes: Greg Franklin felt prior to putting on fresh air for disconnect he could smell Vinyl from ship.

Marvin Cox  
Vinyl 1 Plant

DO 098247  
CONFIDENTIAL

BI ck MARINE DOCK #1 Person or Area Monitored Pump #3 DANA Gwillbeaw Sample No 02238  
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area  
SHIP AMELIA ☐ Excursion ☐ Other \_\_\_\_\_ Date 7/28/81  
Other Chemicals Present: METHYLENE CHLORIDE Job Classification OTT Description of task performed during monitoring period  
including any unusual activities WORKED DISCONNECT aboard  
Ship  
Time Started 21:58 hr  
Time Stopped 22:30 hr 108.9x  
Beginning Flow Rate 55.7 SECS Respirator used ☒ Yes ☐ No Type? Full face MASK (AIR)  
100 CC Ending Flow Rate 54.5 SECS Wind, Temp. and Humidity  
3 MAN out of W/NW - 80°, 70%  
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. Maroney Jr.  
 LOUISIANA DIVISION INDUSTRIAL HYGIENE

PUMP #1  
BI ck MARINE DOCK #1 Person or Area Monitored CARL Woods Sample No 02236  
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area  
SHIP AMELIA ☐ Excursion ☐ Other \_\_\_\_\_ Date 7/28/81  
Other Chemicals Present: METHYLENE CHLORIDE Job Classification SOT Description of task performed during monitoring period  
including any unusual activities Operated CRANE ON Top  
deck ONLY  
Time Started 21:50 hr  
Time Stopped 22:30 hr 98.6x40  
Beginning Flow Rate 60.4 SECS Respirator used ☒ Yes ☒ No Type? ~~Full Face MASK (AIR)~~  
100 CC Ending Flow Rate 61.3 SECS Wind, Temp. and Humidity  
3 MAN out of W/NW, 80°, 70%  
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. Maroney Jr.  
 LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 098248  
CONFIDENTIAL

DO 098249  
CONFIDENTIAL

Block PUMP #2 MARINE DOCK #1 Person or Area Monitored GREGORY FRANKLIN Sample No 02237  
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area  
SHIP AMELIA ☐ Excursion ☐ Other \_\_\_\_\_ Date 7/28/81  
Other Chemicals Present: METHYLENE CHLORIDE Job Classification OT Description of task performed during monitoring period  
including any unusual activities WORKED DISCONNECT ON SHIP  
Time Started 2:15 PM  
Time Stopped 2:30 PM 102.31 X 40 =  
Beginning Flow Rate 58.2 SECS. 100 CC Respirator used ☒ Yes ☐ No Type? Full face MASK (AIR)  
Ending Flow Rate 59.1 SECS. 100 CC Wind, Temp. and Humidity 3 mph out of W/NW, 80°, 70%  
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. Marantz, Jr.