

SIGNED

Potential Personnel Exposure to Vinyl Chloride at Tankcar Clean
Sample ID.

$$04045 \quad \frac{<.001 \times 24.4 \times 1000}{62.5 \times 1.00 \times 4.89} = <.08$$

LOUIS GRANT
LABORER
EXCURSION

$$04046 \quad \frac{<.001 \times 24.4 \times 1000}{62.5 \times 1.00 \times 4.90} = <.08$$

LOUIS GRANT
LABORER
EXCURSION

TANK CAR PUMP # 11-A
 Block CLEANING - 41 Person or Area Monitored LOUIS GRANT Sample No 04045
 Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
CAR CAT 47532 ☒ Excursion ☐ Other _____ Date 3-24-83
 Other Chemicals Present: _____ Job Classification LABORER Description of task performed during monitoring period
CHLOROFORM including any unusual activities OPENING + STEAMING CAR

 Time Started 840 AM
 Time Stopped 855 AM
 Beginning Flow Rate 18.4 SECS ^{100 CC} Respirator used ☐ Yes ☒ No Type? _____
 Ending Flow Rate 18.4 SECS ^{100 CC} Wind, Temp. and Humidity
NORTH 4-6 MPH — 44°
 Calibration Check Prior to Monitoring? ☒ Yes ☐ No
 Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____
 NOTE: Job description must be concise and complete. Form filled in by J. L. Maroney, Jr.

 LOUISIANA DIVISION INDUSTRIAL HYGIENE

TANK CAR PUMP # 11-B
 Block CLEANING - 41 Person or Area Monitored LOUIS GRANT Sample No 04046
 Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
CAR UTL 96176 ☒ Excursion ☐ Other _____ Date 3-24-83
 Other Chemicals Present: _____ Job Classification LABORER Description of task performed during monitoring period
CHLOROFORM including any unusual activities OPENING + STEAMING CAR

 Time Started 900 AM
 Time Stopped 915 AM
 Beginning Flow Rate 18.4 SECS ^{100 CC} Respirator used ☐ Yes ☒ No Type? _____
 Ending Flow Rate 18.3 SECS ^{100 CC} Wind, Temp. and Humidity
NORTH 4-6 MPH — 44°
 Calibration Check Prior to Monitoring? ☒ Yes ☐ No
 Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____
 NOTE: Job description must be concise and complete. Form filled in by J. L. Maroney, Jr.

 LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 082920
 CONFIDENTIAL

[illegible]

LA:sb
3/11/83

Gas constant = 24.45
MW $V_1 = 62.5$