

Potential Personnel Exposure to methyl alcohol at main
Sample ± D. (ppm)

$$05056 \quad \frac{<.26 \times 24.4 \times 1000}{72.62 \times 32.04} = < 2.73$$

$$05057 \quad \frac{<.26 \times 24.4 \times 1000}{79.52 \times 32.04} = < 2.49$$

$$05058 \quad \frac{<.26 \times 24.4 \times 1000}{70.65 \times 32.04} = < 2.80$$

Blank ND.

PUMP # 6

Block MARINE DOCK # 1 Person or Area Monitored Frederick K. Jackson Sample No 05056
Monitoring for METHANOL Type Sample: ☒ Personnel ☐ Area
BARGE DC-344 ☐ Excursion ☐ Other _____ Date 2-16-84
Other Chemicals Present: NONE Job Classification O.T.-OS Description of task performed during monitoring period
including any unusual activities UNLOADING BARGE ~~including any unusual activities~~
INCLUDING DISCONNECT
Time Started 1825
Time Stopped 0630
Beginning Flow Rate 57.0 SECS. ^{100 cc} Respirator used ☒ Yes ☐ No Type? COMFO II (JACKSON)
Ending Flow Rate 62.8 SECS. ^{100 cc} Wind, Temp. and Humidity SE 3-5 MPH -75°
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. Marston, Jr.
 LOUISIANA DIVISION INDUSTRIAL HYGIENE

PUMP # 7

Block MARINE DOCK # 1 Person or Area Monitored KEN BARTHEL & MARTIN SWAPED Sample No 05057
Monitoring for METHANOL Type Sample: ☒ Personnel ☐ Area
BARGE DC-344 ☐ Excursion ☐ Other _____ Date 2-16-84
Other Chemicals Present: NONE Job Classification S.O.T.-SOT Description of task performed during monitoring period
including any unusual activities UNLOADING BARGE, KEN & MARTIN SWAPED
INCLUDING DISCONNECT PUMPS AT 0600 2/17/84
Time Started 1825
Time Stopped 0630
Beginning Flow Rate 56.8 SECS. ^{100 cc} Respirator used ☐ Yes ☒ No Type? _____
Ending Flow Rate 52.6 SECS. ^{100 cc} Wind, Temp. and Humidity SE-75° 60% 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.L. Marston, Jr.
DO A 109283
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PUMP # 8

Block MARINE DOCK #1 Person or Area Monitored MARK HUTSON OVER TO TESSIE WALKS Sample No 05058
1825-0600 0600-0635

Monitoring for METHANOL Type Sample: ☒ Personnel ☐ Area
BARGE DC-344 ☐ Excursion ☐ Other _____ Date 2-16-84

Other Chemicals Present: NONE Job Classification OT-OT Description of task performed during monitoring period
including any unusual activities UNLOADING BARGE, INCLUDING DISCONNECT

Time Started 1825
Time Stopped 0635
100 cc

Beginning Flow Rate 59.0 SECS Respirator used ☐ Yes ☒ No
100 cc

Ending Flow Rate 65.0 SECS

Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____

NOTE: Job description must be concise and complete.

Type? _____
Wind, Temp. and Humidity SE 3-5 MPH -75°

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

 LOUISIANA DIVISION INDUSTRIAL HYGIENE

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SIGNED

COMPOUND	THEOR. CONC. MG/ML	AREA	RF	CONC. FROM AVG. RF	% OF ACTUAL CO.
N1701 Range 3 t=0	T ₁ =100t ₁ =2.5 rate=35%/min T ₂ =120° t ₂ =0.10	7 hr. 3 arlej. 1000			
MeOH ^{rt 1.63}	.079	62945	796772		
	.079	64292	813823		
	.079	55738	705544		
	.079	57979	723911		
	.026	19829	762654		
	.026	23668	910308		
	.026	19790	761154		
	.026	18822	723923		
			avg 756826		
3aOH ^{rt 2.61}	.090	103570	1150778		
	.090	116190	1291000		
	.090	105750	1175000		
	.030	36274	1209132		
	.030	35353	1178433		
	.030	31344	1044800		
	.030	34795	1159833		
			avg 1172489		
blank silica gel for BuOH	ND				10ml H ₂ O
blank charcoal for MeOH	ND				
04423 BuOH	17376 16352/20767	1172489		avg 0.0440 BLD	140 BLD
05056 MeOH	ND				
05057 MeOH	ND				
05058 MeOH	5487	756826		007	ND