

Redacted

Date

7/8/74
Day

PERSONNEL MONITORING DATA

Plant: Louisville
Bldg: _____
Bendix Micronair Pump
20 ml. Westvaco Nuchar WV-H, 8 X 30

1.0 liter/minute Flowmeter = 0.85 1/min. reading
(based on Bubblemeter reading)

Sample Identification				Flow Rate Calibration			Analysis - Calculations			
Sample Tube No.	Location (Floor area)	Employee I.D.	Job Class	Specific Operation	Time Meas.	Flowmeter Reading, l/min.	Remarks	Sample* Volume	Sample Time mg.	VCN ppm (TWA)
L-108	121 B	Hogan, R.H. 1478	Paste Recovery oper		9:30A	0.80	on			18.
					11:05	0.70				
					11:05	0.70				
					1:30P	0.65	off			
L-109	121 B, C		Latex helper		9:35A	0.85	on			16.
					11:00	0.75				
					12:45	0.75				
					1:35P	0.75	off			
L-110	111 C		East chg. oper.		9:45A	0.83	on			4.8
					10:40	0.80				
					12:30	0.85				
					1:30P	0.75	off			
L-111	111 B		Recov. oper		9:55A	0.85	on			2.9
					10:55	0.78				
					12:30	0.85				
					1:45P	0.80	off			

Calibration:		Flow time	Actual Flow rate
Flowmeter	250 ml		
1/Min	0.85	15.00 sec.	1.02/min.

*Corrected to actual Flow rate

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4-12

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Plant:

Louisville

Bendix Micronair Pump

20 ml. Westvaco Nuchar WV-H, 8 X 30

Bldg:

1.0 liter/minute Flowmeter = 0.85 1/min. reading
(based on Bubblemeter reading)

Sample Identification				Flow Rate Calibration			Analysis - Calculations			
Sample Tube No.	Location (Floor area)	Employee I.D.	Job Class	Specific Operation	Time Meas.	Flowmeter Reading, l/min.	Remarks	Sample Volume	Sample Time	VCM ppm (TWA)
K-112	1-C		G-92 Chg. oper		5:00 p	0.80	NA			7.9
					6:00 p	0.75				
					7:00	0.70				
					8:00	0.70				
K-113	1-C		North Helper		9:00 p	0.65	off			48.
					5:00	0.80	off			
					6:00	0.80				
					7:00	0.80				
K-114	15-B		North Drier oper.		8:00	0.75	off			9.9
					9:00 p	0.75	off			
					5:15 p	0.80	off			
					6:15	0.80				
K-115	15-C		East Chg. oper		7:15	0.75	off			4.1
					8:15 p	0.75	off			
					6:15	0.80				
					7:15	0.80				
					8:15	0.70				
					9:15 p	0.60	off			

Calibration:

Flowmeter 1/Min 0.85

Flow time 250 ml 15.0 sec

Actual Flow rate 1.08 l/min

*Corrected to actual Flow rate

B-92 by open.
 North Helper
 15) East of open
 Drier, open (North)

alternates:
 1) South of open
 South Helper
 South Drier Recovery open

15) HRC open

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Bendix Micronair Pump
 20 ml. Westvaco Nuchar WV-H, 8 X 30

Plant:

Louisville

Bldg:

1 & 15

1.0 liter/minute Flowmeter = 0.85 l/min. reading
 (based on Bubblemeter reading)

Sample Identification				Flow Rate Calibration			Analysis - Calculations				
Sample Tube No.	Location (Floor area)	Employee I.D.	Job Class	Specific Operation	Time Meas.	Flowmeter Reading, l/min.	Remarks	Sample# Volume	Sample Time	VCM mg.	VCM, ppm (TWA)
pump 1 112	B-1-C		QA2 operator		5:00 P 6:00 7:00 8:00	7.0 7.3 7.8 6.8					
pump 2 113	B-1-C		North Welder		5:00 P 6:00 7:00 8:00 9:00	6.0 6.0 6.0 7.3 7.3					
pump 3 114	B-15-B		Dryer operator B-15 East		5:15 6:15 7:15 8:15	8.0 8.0 7.3 7.3					
pump 4 115	B-15-C		East operator B-15		5:15 6:15 7:15 8:15	8.0 8.0 7.0 6.0					

Calibration:

Flowmeter 1/Min

Flow time 250 ml

Actual Flow rate

0.85 | 15.0 sec | 1.08/min

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*Corrected to actual Flow rate

11- E Chg oper - ~~121~~
 121 - latex helper
 111 Rec. Operator
 111 Paste Recovery Oper.

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Sample Tube No.	Location (Floor area)	Employee I.D.	Job Class	Specific Operation	Time Meas.	Flowmeter Reading, l/min.	Remarks	Sample* Volume	Sample Time	VCM mg.	VCM, ppm (TWA)
pump 1 K-108		Michael Hogan 1478	Bldg 121 Paste Recovery Oper		9:30 A.M.	0.80					
					10:05 A.M.	0.70					
					11:05 P.M.	0.70					
					1:30 P.M.	0.65					
pump 2 109			on Bldg 121 Latex Helper		9:35 A.M.	0.85					
					11:00 A.M.	0.75					
					12:45 P.M.	0.85					
					1:35 P.M.	0.75					
pump 3 110			Bldg 111 Eggt Chg. Operator		9:45 A.M.	0.825					
					10:40 A.M.	0.80					
					12:30 P.M.	0.85					
					1:30 P.M.	0.75					
pump 4 111			Bldg 111 Rec. Operator		9:55 A.M.	0.85					
					10:55 A.M.	0.775					
					12:30 P.M.	0.85					
					1:45 P.M.	0.80					

Calibration:

Flowmeter l/Min	Flow time 250 ml	Actual Flow rate
0.85	15.0 sec	1.0 l/min

*Corrected to actual Flow rate