

Redacted

Date

6/19/74

PERSONNEL MONITORING DATA

Bendix Micronair Pump

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

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

Plant: Louisville

Bldg: 1 & 15

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 (TWA)
L-42	Bldg 1 Floor-B		South Division and Recovery operator	F-76	5:10 P	* 0.80	0.85 = 1.00/min actual		4 hrs 240	2.0
L-43	Bldg 15 Floor C		Helper	202 222 427	5:10 P 6:15 7:15 8:15	0.70 0.70 0.70 0.65	0.85 = 1.00/min actual		4 hrs 240	3.1 5.8
L-44	Bldg 15 Floor C		HRC operator	202 222	5:20 P 6:20 7:20 8:20 9:20	* 0.80 0.80 0.75 1.00 0.80	0.80 = 1.00/min actual	Discarded this sample. Man intentionally ran cell through it.	4 hrs 240	2.4
L-45	Bldg 1 Floor C		South Charging operator	F-76	5:30 6:30 7:30 8:30 9:30	* 0.80 0.70 0.75 0.70 0.65	0.80 = 1.00/min actual		4 hrs 240	2.4

Calibration:

Flowmeter l./min	Flow time 250 ml	Actual Flow rate
see above	15.0 sec	1.00/min

*Corrected to actual Flow rate

L 200 L