

25-1219

Carl Reed	Niagara Falls	
John Born	Brecksville R&D Center	July 25, 1974

Analysis of Vinyl Chloride Personal Monitor Samples

8850-74

The carbon tube personal monitor samples which arrived on July 10 and 12, 1974 have been analyzed. Corporate Environmental Services Lab has measured each amount of adsorbed vinyl chloride. These samples have been given log numbers of 60 and 65. Please state the log number in any inquiry about them.

The attached table gives the results of the analyses. The ppm values are based on the specific air volume sampled. The results have not been extrapolated to 8-hour time-weighted average values. Any inquiries about the sampling details of carbon tube exposures will be referred to you.

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Sample Number	Sampling Location	Job Class	Sampling Time (min)	Vinyl Chloride Concentration	
				mg	ppm
1	Process	Paste Charge Operator	222	2.3	7.0
2	Process	Charge Operator	240	5.2	9.5
3	Process 2&3	Suspension BD Operator	238	0.86	1.7
4	Process 2&3	Paste BD Operator	233	0.47	0.78
5	Process 2&3	Paste Cleaner	240	17.	38.
6	Process 2&3	HRC Operator	240	3.2	5.4
7	Drier Bldg., 1st Floor	Paste Bagger	240	0.33	0.59
8	Drier Bldg., 1, 2 & 3 Floors; and Process Bldg., 1st Floor	Paste Operator	240	0.83	1.8
9	Drier Bldg., 1, 2, & 3 Floors	Suspension Drier Operator	240	2.2	4.0
10	Process, Drier, & Service Bldgs.	Shift Foreman	240	18.	30.
11	Process Bldg.	No. 1 Operator	240	2.8	4.8
12	Process Bldg.	No. 1 Operator	245	2.2	3.8
13	Fence Southeast of Plant	Property Line Boundary Sample	288	0.080	0.056
14	Fence Northeast of Plant	Property Line Boundary Sample	305	0.28	0.19
15	East Side of Fence South of Plant	---	340	0.088	0.051
16	West Side of Fence South of Plant	---	340	0.065	0.03

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