

NATIONAL LEAD COMPANY OF OHIO
ANALYTICAL DEPT. - HEALTH AND SAFETY DIVISION
ANALYTICAL DATA SHEET

NJ. 11-15
Nº 16453

1957						Analytical Chemistry Section:			
Industrial Hygiene or Medical Dept.						Date Received <u>12/24/57</u> by <u>Lab.</u>			
I. H. # <u>1183</u> Sample Nos. <u>7</u> Date Collected <u>12/17</u> by <u>RR</u> Route to <u>RR</u>						Date Reported <u>12/27/57</u> by <u>Lab.</u>			
Location <u>TUBE REDUCING CORP.</u> Type of Sample <u>air dust</u> Analyzed for <u>F</u> Alpha <u>xx</u>						Method of Analysis <u>ASC # 8</u>			
Remarks <u>No respiratory protection was used. Sample Nos. 10000, 9999, 9998, 9997 were taken as background samples. On sample Nos. 9998, 9997 the box of U-tubing was open. This may increase the airborne contamination in this area.</u> U Beta						Counting Data:			
						BKGD. <u>.13</u> c/m - GEO <u>42%</u>			
						by <u>CJM</u>			
						No ₃ Ra			
						Oil pH			
						Be Th			

Sample No.	Hour	Sample Description	R	T	Q	Count	Time	c/m	d/m/M ³
10000	1115	GA Taken at No. 42 reducing machine, approx. 1' from the center of the machine (south side).	.02	15	.3	2	15.00	n.d.	n.d.
9999	1115	GA Taken at No. 42 reducing machine, approx. 10' west; pump was sitting on feeding tray just below the control panel.	.02	15	.3	2	15.51	n.d.	n.d.
9998	1130	GA Same as 10000	.02	15	.3	5	15.00	0.20	2
9997	1130	GA Same as 9999	.02	15	.3	5	15.00	0.20	2
9989	1700	BZ Operator working control panel at No. 42 reducing machine panel board which is located 10' west of the rocking operation.	.02	3	.06	8	15.00	0.40	23
9990	1705	BZ Same as 9989	.02	3	.06	2	15.00	n.d.	n.d.
9991	1710	BZ Same as 9989	.02	1.5	.03	4	15.00	0.13	15

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NJ, 11

No 16470

NLO

1957 Industrial Hygiene or Medical Dept.						Analytical Chemistry Section:							
I. H. #	1199	Sample Nos.	7	Date Collected	12/19	by	RR	Route to	RR	Date Received	12/27/57	by	Lab
Location	TUBE REDUCING CORP.		Type of Sample	air dust	Analyzed for	F	Alpha	xxx		Date Reported	12/31/57	by	MWB
Remarks							U	Beta		Method of Analysis	AAPC#1		
							No ₃	Ra					MWB
							Oil	pH		Counting Data:			
							Be	Th		BKGD	0.15 c/m	GEO	43%

Sample No.	Hour	Sample Description	R	T	Q	c	t	c/m	d/m/M ³
9919	1300	BZ Operator taking hollow U-tube out of Vapocarb furnace which had been heated to a temperature of 500° F, and wheeled it on a cart 100 yds. to tube reducing machine. No respiratory protection used. Much of the scaling fell in the furnace.	.02	.66	.0132	40	6.45	6.05	1522
9920	1430	BZ Same as 9919	.02	.50	.01	40	2.44	16.24	5395
9921	1600	BZ Same as 9919	.02	1	.02	40	0.66	60.46	10043
9922	1900	BZ Same as 9919	.02	.50	.01	160	0.69	231.63	69958
9923	1615	BZ Operator taking U-tube off of tube reducing machine after it had been run through the machine twice and placed into a wooden box to be shipped back to NLO.	.02	.66	.0132	40	30.81	1.15	289
9924	1920	BZ Same as 9923	.02	.50	.01	16	15.47	0.88	266
9953	1905	BZ Same as 9923	.02	.58	.0116	11	14.88	0.59	169

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