

COMPARISON OF CARBON TUBE DATA
WITH COMPUTER JOB EXPOSURE SIMULATION

<u>Date</u>	<u>Job</u>	<u>Carbon Tube Analyses</u>	<u>VFA Simulation</u>
		<u>Results, ppm TWA</u>	<u>ppm TWA</u>
12/2/75	CO	18.0	4.2
	C	6.7	1.3
	DS	0.5	1.3
	DN	49.6	4.2
	MRO	47.5	2.5
	DU	13.5	7.2
	120 IN	1.7	0.3
	120 OUT	6.0	1.4
12/3/75	CO	1.9	1.4
	C	15.5	8.9
	DS	1.8	1.0
	DN	8.2	1.0
	MRO	1.9	2.4
	DU	7.5	3.1
	120 IN	1.5	0.6
	120 OUT	7.1	2.2

Key: C Chief Operator
CO C-Autoclave Operator
DN D-Autoclave Operator, North Line
DE D-Autoclave Operator, East Line
DS D-Autoclave Operator, South Line
DU D-Autoclave Utility Operator
MRO Monomer Recovery Operator
120 IN Inside Operator, Bldg. 120 (Drying & Tank Area)
120 OUT Outside Operator, Building 120 (Drying & Tank Area)

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<u>Carbon Tube Analyses</u>			<u>Simulation</u>
<u>Date</u>	<u>Job</u>	<u>Results, ppm TWA</u>	<u>ppm TWA</u>
11/19	DU	2.00	0.9
	DN	0.81	0.9
	DS	1.36	0.3
	CO	1.48	0.8
	C	0.99	0.4
	MRO	5.70	2.3
	120 IN	0.03	0.2
	120 OUT	2.18	0.1
11/12	C	0.90	0.6
	DN	1.78	0.8
	CO	2.00	1.0
	DS	1.06	0.9
	DU	1.81	0.9
	120 IN	1.51	0.6
	120 OUT	0.95	0.8
11/5	C	6.96	2.1
	CO	3.19	1.8
	MRO + DU*	55.26	3.2
	DN	3.45	1.9
	DE	2.32	2.2
	120 IN	3.30	2.7
	120 OUT	4.26	3.5
10/22	C	2.01	1.0
	CO	5.11	2.1
	MRO + DU*	8.20	2.3
	DS	4.51	0.9
	DE	4.02	1.5
	120 IN	12.20	0.2
	120 OUT	1.75	0.8

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MRO Monomer Recovery Operator
120 IN Inside Operator, Bldg. 120 (drying & tank area)
120 OUT Outside Operator, Building 120 (drying & tank area)
* Combined jobs during low production.

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