



TO: C. HENDRICKS
FOR:
FROM: N. L. TURNER *N L T*
RE: VCM PERSONNEL MONITORING - JULY, 1983

DATE: AUGUST 1, 1983

Attached are July Vinyl Chloride exposure reports for the Pasadena Plant.

The typewritten table shows the individual data on personnel in the various job classifications as monitored by the Charcoal Tube method and the time a fresh air mask was worn.

The computer tables consist of a summary of major plant areas, a detailed breakdown of VCM contents at each sample point in each area (Tables 1 - 9) and specific sample points in areas where levels are possibly ≥ 1 ppm (Tables 10 - 14).

NLY:js

cc: L. Cox

J. Fojt

C. Grimes

J. Kachtick

T. T. Moore

J. Oliver

S. Richter

PVC File: Personnel Monitoring

PERSONNEL MONITORING EVALUATION

1. No. Tenneco employees monitored 64
2. No. of Contract employees monitored 11
3. No. of exposures from 0.5 to 0.9 ppm 15
4. No. of exposures from 1.0 to 4.9 ppm 12
5. No. of exposures of 5.0 ppm and above 3
6. No. of exposures above permissible level without use of fresh air mask 5

Tenneco Non-Maintenance employee exposures broken down as follows:

	Regulated Areas		Non-Regulated Areas	
	Total	Without Air Mask	Total	Without Air Mask
Exposures from 0.5 to 0.9 ppm	<u>5</u>	<u>4</u>	<u>8</u>	<u>5</u>
Exposures from 1.0 to 4.9 ppm	<u>6</u>	<u>2</u>	<u>6</u>	<u>3</u>
Exposures of 5.0 ppm and above	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>

Maintenance employee exposures broken down as follows:

	Total	Without Air Mask
Exposures from 0.5 to 0.9 ppm	<u>2</u>	<u>1</u>
Exposures from 1.0 to 4.9 ppm	<u>0</u>	<u>0</u>
Exposures of 5.0 ppm and above	<u>0</u>	<u>0</u>

TENNECO POLYMERS, INC.
PASADENA, TEXAS

JULY, 1983

DATE	JOB CLASSIFICATION	AIR MASK TIME	CHARCOAL TUBE		AREA MONITORING
		IN MINUTES	PPM	VCM	
<u>Recovery Operator</u>					
7/06	Glockzin, D.	0	0.3		0.3
7/08	Richard, B.	0	0.2		0.2
7/14	Maddox, H.	0	2.9		0.5
7/15	Miller, S.	5	1.4		1.4
7/18	Sanchez, C.	30	7.0		1.8
7/22	Neely, G.	0	< 0.1		0.3
<u>Top Operator</u>					
7/06	Plopper, A.	20	1.0		0.4
7/07	Kolodzaike, R.	0	0.3		2.3
7/07	Ligon, R.	30	0.2		2.3
7/08	Wilson, D.	0	0.5		3.3
7/08	Maddox, H.	0	3.8		3.3
7/14	Anderson, A.	5	0.2		0.3
7/14	Brooks, T. M.	0	0.3		0.3
7/15	Clay, L.	0	0.4		0.1
7/18	Glockzin, D.	0	0.1		0.1
7/18	Burnett, C.	0	0.6		1.3
7/18	Jacobs, M.	0	0.4		1.3
7/22	Berry, D.	0	0.3		0.4
7/22	Brown, E.	15	0.1		0.4
<u>Bottom Operator</u>					
7/06	Kolodzaike, R.	0	0.4		0.3
7/07	Calami, A.	0	0.2		1.2
7/14	Alford, J.	0	0.9		0.2
7/15	Sanchez, C.	0	0.4		0.2
7/18	Glockzin, D.	0	0.5		0.9
<u>Mini Operator</u>					
7/07	Plopper, A.	40	0.5		2.3
7/08	Jones, D.	15	2.2		3.3
7/19	Boozer, H.	30	0.3		0.2
7/22	Donley, R.	0	0.2		1.2
<u>Roving Operator</u>					
7/18	Clay, L.	30	4.4		1.8
<u>Shift Supervisor</u>					
7/06	Corbett, C.	0	0.1		0.2
7/08	Wooster, W.	0	1.7		0.1
7/15	Gibson, P.	0	0.3		0.9

DATE	JOB CLASSIFICATION	AIR MASK TIME	CHARCOAL TUBE		AREA MONITORING
		IN MINUTES	PPM	VCM	
<u>Laboratory Technician</u>					
7/14	Reeder, L.	0		1.4	0.1
7/20	Kimball, R.	5		0.6	0.2
7/20	Padgett, T.	5		2.8	0.2
7/25	Hirst, R.	15		0.5	0.1
7/25	Hutton, W.	90		1.8	0.1
7/29	Galvan, G.	0		1.1	0.2
<u>Laboratory Day Technician</u>					
7/20	Edwards, G.	0		0.9	0.2
7/27	Shipp, D.	30		2.1	0.1
7/29	McCall, F.	5		0.9	0.2
<u>VCM Loaders</u>					
7/26	Darden, C.	30		7.0	0.3
7/26	Condry, B.	15		7.8	0.3
<u>Laboratory Secretary</u>					
7/20	Solomon, J.	0		0.3	0.2
<u>Instrument Technician</u>					
7/27	Lieder, D.	0		0.1	0.1
<u>Loading Supervisor</u>					
7/27	Mitchell, M.	0		0.1	0.1
<u>Solution Prep. Operator</u>					
7/26	McLean, F.	0		0.2	0.1
<u>Chemist</u>					
7/20	Young, R. J.	0		0.6	0.2
<u>Engineer</u>					
7/25	Lindsey, K.	0		0.5	0.2
<u>Clerk</u>					
7/25	Boike, B.	0		0.3	0.2
<u>Shift Supervisor</u>					
22	Peacock, B.	0		0.2	0.3
<u>Operation Day Supervisor</u>					
7/25	Ross, L.	0		0.5 TEN 3572	0.2

DATE	JOB CLASSIFICATION	AIR MASK TIME	CHARCOAL TUBE		AREA MONITORING
		IN MINUTES	PPM	VCM	
	<u>Dryer Operator</u>				
7/06	Phillips, L.	15	< 0.1		0.3
	<u>Control Room Operator</u>				
7/25	Courville, L.	0	0.5		0.2
	<u>PVC Loader</u>				
7/27	Hargrove, J.	0	0.1		0.1
	<u>Tenneco Maintenance</u>				
7/19	McCormick, G.	60		0.7	
7/21	Israel, H.	0		0.6	
7/21	Nunn, R.	0		0.4	
7/21	Boettcher, D.	0		0.4	
7/21	Snyder, E. C.	0		0.2	
7/26	Luedicke, W.	120	< 0.1		
7/26	Kleeman, H.	120		0.2	
7/27	McLane, H.	0		0.2	
7/28	Cormier, G.	0		0.1	
	<u>Contract Maintenance</u>				
7/07	Kleeman, H.	90	< 0.1		
7/19	Dawkins, J.	60		0.1	
7/19	Harrison, J.	0		0.4	
7/19	Moseley, K.	5		0.2	
7/21	Villaneuva, A.	120		0.1	
7/27	Burriss, R.	0		0.2	
7/28	Gresham, R.	30		0.1	
7/28	Monsivaiz, T.	0	< 0.1		
7/28	Tran, T.	0		0.1	
7/28	Duhon, D.	60		0.2	
7/28	Johnson, L.	0		0.1	