

726

TO Charles Hess	FIELD POINT OR DEPARTMENT & BLDG. NO. Pedricktown	DATE YOUR LETTER SEPT 17 1974
FROM Elizabeth R. Gleason	FIELD POINT OR DEPARTMENT & BLDG. NO. Brecksville R&D Center	DATE THIS LETTER Sept. 17, 1974
SUBJECT		

Analysis of Vinyl Chloride Personal Monitor Samples

The carbon tube personal monitor samples which arrived on August 29, 1974 have been analyzed. Corporate Environmental Services Lab has measured each amount of adsorbed vinyl chloride. These samples have been given a log number of 123. Please state that 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. The efficiency for removal of VCl from carbon was calculated at 100%.

Elizabeth R. Gleason
ELIZABETH R. GLEASON

cad

cc: A. R. Webber
E. B. Katzenmeyer, Jr.
J. C. McCool
L. B. Crider
G. D. Schaaf
R&D Files

26156001

BFG46640

<u>Sample Number</u>	Vinyl Chloride Concentration	
	<u>mg</u>	<u>ppm</u>

89	0.96	1.5
90	2.6	3.9
92	1.7	2.8
93	3.4	5.5
94	1.4	2.6
95	3.2	6.2
96	9.6	18.1
97	2.8	5.0
98	1.3	1.8
99	2.6	3.96
100	.07	3.1

26156002

BFG46641

8-22-77 1974

LOC
PE- Pearl
PA- Paste
M- Mass
T- Tank Farm
L- Laboratory

JOB CLASS
L- Lead Tech
T- Technician
S- Serviceman

38.0 % of operations with peak readings > 25 ppm.

Operations with peak O.V.A. readings > 25 ppm and ≤ 50 ppm:

[illegible]

cc: E. B. Katzenmeyer, Jr. - Akron
H. Walzmate - Cleveland

CDH
8/13/74

B. F. Goodrich Chemical Co.
Pedricktown, N. J.

JOB CLASS
L- Lead Tech
T- Technician
S- Serviceman

Operations with peak O.V.A. readings ≥ 50 ppm:

26157002

BFG46643

CDH
8/13/74

LOC
PE- Pearl
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M - Mass
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JOB CLASS
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S - Serviceman

[illegible]

26157003

BFG46644

JAK
8-8-74.

B.F. Goodrich Chemical Co.
Pedricktown, New Jersey
OVA PERSONNEL MONITORING - VCM
Taken within 12" of nose.

LOC
PE- Pearl
PA- Paste
M - Mass
T - Tank Farm
L - Laboratory

JOB CLASS
L - Lead Tech
T - Technician
S - Serviceman

DATE	START TIME	NAME	L O C	JC OL BA S S	SPECIFIC OPERATION	OVA READING * minutes						RESPIRATOR		
						0	2	4	6	8	10	None	Chem	AirL
9-21	0210	Guy Finney	M	S	INSIDE Prepoly	20	18	18	25	20	20			✓
9-21	0320	B LINDLE	M	T	STAND by Prepoly	14	10	10	10	12	10		✓	
9-21	0700	B LINDLE	M	T	opening prepoly	30	35	40	40	35	20			✓
9-22	0900	CHUCK Thompson	PA	T	HRC HOLDING	15	10	10	7	10	10		✓	
9-22	0110	JOHN YARLEWING	PE	T	HRC REMOVAL	7	7	6	10	15	15		✓	
9-23	0535	JOHN MELES	M	D	Summy #831 Hammerhead	5	-	50	Range					✓
9-23	0550	GUY FINNEY	M	S	cleaning AUTO (8300)	15	15	20	25	20	20			✓

404-2613

BFG46646

C.V. Banks.
8-4

JOB CLASS
L - Lead Tech
T - Technician
S - Serviceman

26157005

JAK
R-R-74.

8-4
9-9-

JOB CLASS
L - Lead Tech
T - Technician
S - Serviceman

26157006

JAK
8-8-74

LOC
PE- Pearl
PA- Paste
M - Mass
T - Tank Farm
L - Laboratory

JCB CLASS
L - Lead Tech
T - Technician
S - Serviceman

DATE	START TIME	NAME	L O C	JC OL BA S S	SPECIFIC OPERATION	OVA READING * minutes						RESPIRATOR			TR UO B. E
						0	2	4	6	8	10	None	Chem	AirL	
9-11	8:30	Rough and	M	S	installing catalyst	20	25	30	15	10	20			✓	
9-12	1:15	D. Williams	Pe	T	HRC installed	10	12	10	15	12	10			✓	
9-12	1:20	Wick	VI	T	installing catalyst	20	25	25	20	25	20			✓	
9-12	19:15	M. J. J.	M	S	installing catalyst	10	15	10	20	22	15			✓	
9-13	21:30	M. J. J.	PA	T	HRC installed * paste	20	35	22	20	40	50			✓	
9-13	21:45	R. J. J.	Pe	T	HRC installed * paste	50	75	62	70					✓	
9-13	22:40	M. J. J.	PA	T	HRC removed paste	10	15	10	20	13				✓	
9-16	16:30	M. J. J.	PE	T	opening poly portions seal	2	4	10	20					✓	
9-16		B. Wilson	M	T	opening Prepoly	10	20	15	5	20					
9-16		Dick Green	M	T	cleaning poly catalyst port	10	10	15	12	10					
9-16		Ralph Land	M	S	installing poly cleaning	90	100	100	120	80	85			✓	
9-16		Dick Green	M	T	Prepoly standby	15	10	25	20	10	15				

BFG46649

JOB CLASS
L - Lead Tech
T - Technician
S - Serviceman

26157008

JAK
0 0 7/1

SEP 11 1974

786

TO	FIELD POINT OR DEPARTMENT & BLDG. NO.	DATE YOUR LETTER
Charles Hess	Pedricktown	
FROM	FIELD POINT OR DEPARTMENT & BLDG. NO.	DATE THIS LETTER
Richard Hardesty	Brecksville R&D Center	Sept. 9, 1974
SUBJECT		

Analysis of Vinyl Chloride Personal Monitor Samples

The carbon tube personal monitor samples which arrived on August 13, 1974 have been analyzed. Corporate Environmental Services Lab has measured each amount of adsorbed vinyl chloride. These samples have been given a log number of 111. Please state that 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. The efficiency for removal of VCl from carbon was calculated at 100%.

Richard D. Hardesty
RICHARD HARDESTY

cad

cc: A. R. Webber
E. B. Katzenmeyer
J. C. McCool
L. B. Crider
G. D. Schaaf
R&D Files

26158001

BFG46651

26158002

<u>Sample Number</u>	<u>Sampling Location</u>	<u>Job Class</u>	<u>Sampling Time (min)</u>	<u>Vinyl Chloride Concentration</u>	
				<u>mg</u>	<u>ppm</u>
70	Mass 140x30	Operator Tech.	240	6.5	11.
71	Mass 140x30	Utility Serviceman	240	1.6	2.8
72	Mass 140x30	Lead Tech.	235	1.1	1.9
73	Mass 140x30	Utility Serviceman	240	1.3	2.3
76	Mass	Operator	22	.50	9.0
77	Mass	Serviceman	15	.15	3.9
80	Mass	Serviceman	23	.15	2.5
81	Poly Bldg	Pearl Tech.	20	1.3	25.
82	Poly Bldg	Paste Tech.	10	1.8	69.
83	Mass	Lead Tech.	21	.33	6.2
84	Poly Bldg	Rover Tech.	40	.15	1.4
85	Poly Bldg	Office	285	.11	.16
86	Poly Bldg	Office	34	.02	.30
87	Poly Bldg	Pearl Tech	28	.11	1.6
88	Mass	Serviceman	19	.11	2.2
91	Poly Bldg	Rover Tech	20	.30	5.9

BFG46652