

0-0-7

SAMUEL, MIKE

DO 076473
CONFIDENTIAL

TO: Dr. Arnold, M.D. FROM: Medical Department
DEPT.: Chloro DATE: 5-17-78

☒ Within normal limits in right & left ear(s). ☐ Except for
noise-induced notch in _____ ear(s). ☐ Has progressed
☐ Has not progressed.

- DO 076474
CONFIDENTIAL

**DOW CHEMICAL
HEALTH PROGRAM**

Name: Robert M. Hall

Date: 6/16/78

Dept.: Plastic Division

Contractor: _____

Exam: ☐ Pre-emp. ☐ Environmental ☐ Transfer ☐ Profile ☒ Other _____

Regarding your recent health examination:

☐ All test results of your recent examination were normal. No follow-up is necessary at this time.*

☐ Repeat of the following test is necessary _____ ASAP _____ WKS. _____ MOS.:

X-RAY	URINE	BLOOD TEST	AUDIO	TON- OMETRY	PULM. FUNCT.	BP	EKG	DR'S. EXAM

Rpt.
Date:

☐ Physically suitable for wearing respirator.

☐ May remain at present work environment ☐ Transfer out of present environment

☐ Your recent examination reveals an abnormality that we feel is not related to your work environment, but which should be discussed with your personal physician for possible further investigation. Copies of results will be mailed to your physician upon request. The medical staff is available for further discussion, if desired.

COMMENTS:

Y. Hall 2/1/78
ALL TESTS NORMAL
NO FOLLOW UP

M. F. Currier, M. D.

6/16/78
Date Notified

1/1/78
By

* Audiogram results will be reported at a later date.

PLANT SUPERINTENDENT

DO 076475
CONFIDENTIAL

**DOW CHEMICAL
HEALTH PROGRAM**

Name: James M. [unclear]
Dept.: 6110

Date: 6-8-78
Contractor: _____

Exam: ☐ Pre-emp. ☒ Environmental ☐ Transfer ☐ Profile ☐ Other _____

Regarding your recent health examination:

☐ All test results of your recent examination were normal. No follow-up is necessary at this time.*

☐ Repeat of the following test is necessary ☒ ASAP _____ WKS. _____ MOS.:

X-RAY	URINE	BLOOD TEST	AUDIO	TON- OMETRY	PULM. FUNCT.	BP	EKG	DR'S. EXAM
		<u>See 6/9/78</u>						

Rpt.
Date:

☐ Physically suitable for wearing respirator.

☐ May remain at present work environment ☐ Transfer out of present environment

☐ Your recent examination reveals an abnormality that we feel is not related to your work environment, but which should be discussed with your personal physician for possible further investigation. Copies of results will be mailed to your physician upon request. The medical staff is available for further discussion, if desired.

COMMENTS:

M. F. Currier
M. F. Currier, M. D.

6/8/78
Date Notified By

* Audiogram results will be reported at a later date.

PLANT SUPERINTENDENT

DO 076476
CONFIDENTIAL

PERSONNEL EXPOSURE DATA SHEET

CLASSIFICATION Senior Operations Technician

[illegible]

NAME SAMUEL, MIKEDATE 8/15/78The following are the results of your exposure surveys for 4TH QTR 1977 & 1ST & 2ND QTR 1978.

	1978				1977			
	8 HOUR TWA				15 MINUTE EXCURSION			
	1ST QTR	2ND QTR	3RD QTR	4TH QTR	1ST QTR	2ND QTR	3RD QTR	4TH QTR
Vinyl Chloride	6/28/78 0		11/26/77 0	12/15/77 0.07 ppm				
Ethyl Chloride								
Alpha-Dichloroethane								
Alpha-Trichloroethane								
EDC								
Beta-Tri Chloroethane								
HCl (annually)								
Cl ₂ (annually)								
Noise (annually)								

SIGNATURE Michael S. SamuelDATE 8-17-78

It is my opinion that I have been properly trained with regard to the hazards of vinyl chloride and precautions for its safe use.

Signed: Michael J. Samuel

Date: 8-17-78

DO 076479
CONFIDENTIAL

I have been given a review of the hazardous chemicals used in this block and understand the hazards involved and the proper handling of these chemicals.

Signed: Michael J Samuel
Date: 8-17-78

(1)

It is my opinion that I have been properly trained with regard to the hazards of vinyl chloride and precautions for its safe use.

Signed: Michael J. Samuel 435-86-4242

Date: 9-7-77

DO 076481
CONFIDENTIAL

I have been given a review of the hazardous chemicals used in this block and understand the hazards involved and the proper handling of these chemicals.

Signed: Michael Samuel

Date: 9-7-77

DO 076482
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INST 2 METH 2 FILE 94

RUN 1 TUBE 1-380 15 : 20.7 11 / 20 / 79

SENSITIVITIES 300 2

TIME	AREA	BC	RRT	RF	C	NAME
0.11	0.0476	U	0.011	1.000	0.2380	!
1.05	0.1177	T	0.105	1.000	0.5887	!
1.11	0.1474	T	0.111	0.221	0.1629	VINYL:
1.22	0.3347	U	0.122	0.221	0.3699	VINYL:
1.84	1.4041	T	0.184	0.322	2.2607	U2:
2.01	1.5585	T	0.201	1.000	7.7928	!
2.42	32.1785	T	0.242	1.000	410.8928	!
3.48	2.5977	TS	0.348	0.251	3.2602	A-TRI:
4.31	0.1992	TS	0.431	1.000	0.9964	!
5.28	3.2843	S	0.528	0.253	4.1547	EDC:
9.04	0.0399		0.904	1.000	0.1997	!
13.43	1.2242		1.343	0.428	2.6200	B-TRI:

INST 2 METH 2 FILE 91

1 TUBE 1-457 TS : 39.5 11 / 20 / 79

SENSITIVITIES 300 2

TIME	AREA	BC	RRT	RF	C	NAME
0.13	0.1140	U	0.013	1.000	0.5701	!
1.05	0.2270	T	0.105	1.000	1.1351	!
1.11	0.2717	T	0.111	0.221	0.3003	VINYL:
1.22	0.6412	T	0.122	0.221	0.7086	VINYL:
1.84	2.3184	T	0.184	0.322	3.7328	U2:
2.01	0.9361	T	0.201	1.000	4.6806	!
2.42	69.0508	T	0.242	1.000	345.2544	!
3.48	15.8873	T	0.348	0.251	19.9386	A-TRI:
4.31	0.2028	TS	0.431	1.000	1.0144	!
5.27	12.7161	T	0.527	0.253	16.0859	EDC:
9.03	0.0297	US	0.903	1.000	0.1488	!
13.42	2.6889		1.342	0.428	5.7544	B-TRI:

INST 2 METH 2 FILE 89

PUN 2 TUBE 1-457

SENSITIVITIES 300 2

UOI

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DO 076484
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QUALITY ASSURANCE
 SAMPLES FROM U.S. ARKH LHL
 SEPT. 15, 1979

VINYL II	<u>1-380</u> mg.	<u>1-457</u>	<u>1-467</u>	<u>MEAN</u>	<u>RANGE</u>	
VI:	77% .07	93% 0.14	108% 0.14	93%	-22	+8
A-TRI	40% .65	146% 3.99	162% 3.9	116%	+60	+62
EDC	69% .83	154% 3.22	148% 3.7	123%	-30	+54
B-TRI	80% .52	96% 1.2	81% 0.7	86%	-20	-4

U.S. LAB.

VI	.09	.15	.13
A-TRI	1.61	2.73	2.41
EDC	1.19	2.08	1.82
B-TRI	.65	1.24	1.10

VINYL I	<u>1-399</u>	<u>1-336</u>	<u>1-409</u>	<u>MEAN</u>	<u>RANGE</u>	
VI	148% .119	137% .165	147% .353	144%	+48	+37
EDC	214% 2.17	176% 2.8	188% 6.3	192%	+114	+76
B-TRI	137% .77	114% 1.1	110% 2.4	120%	+37	+10

U.S. LAB.

VI	.08	.12	.24
EDC	1.01	1.59	3.35
B-TRI	.56	.96	2.18



m 2

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