

EMPLOYEE EXPOSURE SUMMARY

ANNUAL YEAR 1981

FILLED IN BY M. M. Cox

PLANT Vinyl I

BLOCK 17

STRESS Vinyl

MINIMAL DETECTABLE
LIMIT AND UNIT

.2 PPB

Area Avg
.2

NO.	JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
01	OTT														
02	OT	1/5	3	8 hr.	17	.32	1.63					15'	17	.45	3.5
03	SOT	2/	3	8 hr.	12	.69	1.74					15'	12	.13	.64
04	OS	4/	3	8 hr.	11	.34	.87					15'	11	.72	4.48
05	SS	6/	3	8 hr.	6	.39	1.35					15'	6	.04	.21
06	EDO	1/7	3	8 hr.	9	.37	1.15					15'	10	.33	2.05
07	LAB	9/6	3	8 hr.	6	.34	.60					15'	6	.95	4.1
08	TECH	6/	3	8 hr.	9	.33	.64					15'	9	.20	.67
09	CLER.	6/	3	8 hr.	1	.56	.56					15'	1	.28	.28
10	INSTR	1/14	3	8 hr.	6	.35	.79					15'	6	.17	.56
11	LABORER	1/		8 hr.	3	.45	.93					15'	4	.51	1.77
12	SUMMER														
13	CONT MAINT	5/7		8 hr.	20	.10	.45					15'	23	.56	4.77
14	NON-OS SPEC.				100								100		
15	SECUR.														
16	MATL CONT														
17	LOADING														
18	T/C CLNG														
19	MGRS/NON-OP														
20	AREA SAMP (NO JC)	1/						8 hr.	168	.466	41.02				

DO 139832
CONFIDENTIAL

PROTECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

EMPLOYEE EXPOSURE SUMMARY

ANNUAL YEAR 1981

FILLED IN BY M. M. Cox

PLANT Vinyl I

BLOCK 17

STRESS EDC

MINIMAL DETECTABLE
LIMIT AND UNIT .2 PPB

NO.	JOB CLASS	AREA/ TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
01	OTT														
02	OT	1/5	3	8 hr.	17	2.64	12.17	15'				15'	17	17.76	145.12
03	SOT	2/	3	8 hr.	12	2.11	12.99	15'				15'	12	.09	1.08
04	OS	4/	3	8 hr.	11	1.21	4.33	15'				15'	11	.78	5.41
05	SS	6/	3	8 hr.	6	.54	2.77	15'				15'	6	10.05	59.32
06	EDO	1/7	3	8 hr.	9	.35	1.25	15'				15'	10	5.05	20.7
07	LAB	9/6	3	8 hr.	6	.21	.70	15'				15'	6	.0002	.0002
08	TECH	6/	3	8 hr.	9	.07	.30	15'				15'	9	1.25	11.27
09	CLER.	6/	3	8 hr.	1	.59	.59	15'				15'	1	.02	.02
10	INSTR	1/14	3	8 hr.	5	.03	.32	15'				15'	5	.56	2.79
11	LABORER	1/		8 hr.				15'				15'	1	4.60	4.60
12	SUMMER														
13	CONT MAINT	5/7													
14	NON-OS SPEC.														
15	SECUR.														
16	MATL CONT														
17	LOADING														
18	T/C CLNG														
19	MGRS/NON- OP														
20	AREA SAMP (NO JC)	1/						8 hr.	168	1.97	32.10				

50%

Brucellosis Disease
Then Incubation

DO 139602
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY M. M. Cox

2-ESC.
10-84

ANNUAL YEAR 1981

PLANT Vinyl I

BLOCK 17

STRESS Beta-tri

MINIMAL DETECTABLE
LIMIT AND UNIT

.2 PPB

NO.	JOB CLASS	AREA/ TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
01	OTT														
02	OT	1/5	3	8 hr.	17	.06	.25					15'	17	.61	3.44
03	SOT	2/	3	8 hr.	12	.06	.29					15'	12	.0002	.0002
04	OS	4/	3	8 hr.	11	.042	.24					15'	11	.097	1.07
05	SS	6/	3	8 hr.	6	.118	.68					15'	6	2.78	16.65
06	EDO	1/7	3	8 hr.	9	.36	2.75					15'	10	.178	1.23
07	LAB	9/6	3	8 hr.	6	.007	.04					15'	6	.0002	.0002
08	TECH	6/	3	8 hr.	9	.0002	.0002					15'	9	.0002	.0002
09	CLER.	6/	3	8 hr.	1	.04	.04					15'	1	.0002	.0002
10	INSTR	1/14	3	8 hr.	5	.02	.06					15'	5	.0002	.0002
11	LABORER	1/		8 hr.								15'	1	2.24	2.24
12	SUMMER														
13	CONT MAINT	5/7													
14	NON-OS SPEC.														
15	SECUR.														
16	MATL CONT														
17	LOADING														
18	T/C CLNG														
19	MGRS/NON- OP														
20	AREA SAMP (NO JC)	1/						8 hr.	168	.095	4.10				

DO 139634
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

ANNUAL YEAR 1981

FILLED IN BY M. M. CoxPLANT Vinyl IBLOCK 17STRESS 1,1,1,2 Tetras MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

NO.	JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
01	OTT														
02	OT	1/5	3	8 hr.	17	.0002	.0002					15'	17	.0002	.0002
03	SOT	2/	3	8 hr.	12	.014	.1					15'	12	.0002	.0002
04	OS	4/	3	8 hr.	11	.0002	.0002					15'	11	.0002	.0002
05	SS	6/	3	8 hr.	6	.0002	.0002					15'	6	.0002	.0002
06	EDO	1/7	3	8 hr.	9	.0035	.03					15'	10	.0002	.0002
07	LAB	9/6	3	8 hr.	6	.0002	.0002					15'	6	.0002	.0002
08	TECH	6/	3	8 hr.	9	.0002	.0002					15'	9	.0002	.0002
09	CLER.	6/	3	8 hr.	1	.03	.03					15'	1	.0002	.0002
10	INSTR	1/14	3	8 hr.	5	.0002	.0002					15'	5	.0002	.0002
11	LABORER	1/		8 hr.								15'	1	.0002	.0002
12	SUMMER														
13	CONT MAINT	5/7													
14	NON-OS SPEC.														
15	SECUR.														
16	MATL CONT														
17	LOADING														
18	T/C CLNG														
19	MGRS/NON-OP														
20	AREA SAMP (NO JC)	1/						8 hr.	168	.0094	.37				

DO NOT CONFIDENTIAL

FILLED IN BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

ANNUAL YEAR 1981PLANT Vinyl IBLOCK 17STRESS 1,1,2,2 Tetras

MINIMAL DETECTABLE

LIMIT AND UNIT

.2 PPB

NO.	JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
1	OTT														
2	OT	1/5	3	8 hr.	17	.002	.03					15'	17	.0002	.0002
3	SOT	2/	3	8 hr.	12	.009	.09					15'	12	.0002	.0002
4	OS	4/	3	8 hr.	11	.0002	.0002					15'	11	.0002	.0002
5	SS	6/	3	8 hr.	6	.012	.07					15'	6	.113	.68
6	EDO	1/7	3	8 hr.	9	.005	.04					15'	10	.0002	.0002
7	LAB	9/6	3	8 hr.	6	.0002	.0002					15'	6	.0002	.0002
8	TECH	6/	3	8 hr.	9	.0002	.0002					15'	9	.0002	.0002
9	CLER.	6/	3	8 hr.	1	.0002	.0002					15'	1	.0002	.0002
0	INSTR	1/14	3	8 hr.	5	.0002	.0002					15'	5	.0002	.0002
1	LABORER	1/		8 hr.								15'	1	.0002	.0002
2	SUMMER														
3	CONT MAINT	5/7													
4	NON-OS SPEC.														
5	SECUR.														
6	MATL CONT														
7	LOADING														
8	T/C CLNG														
9	MGRS/NON-OP														
0	AREA SAMP (NO JC)	1/						8 hr.	168	.0068	.73				

0.1 ppm
3 15 minDO NOT
CONFIDENTIAL

PROTECTIVE EQUIPMENT: (1) Mouthpiece (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

EMPLOYEE EXPOSURE SUMMARY

ANNUAL YEAR 1961

FILLED IN BY M. M. Cox

100092A-

PLANT Vinyl I BLOCK 17 STRESS Etc1 MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

NO.	JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
01	OTT														
02	OT	1/5	3	8 hr.	17	.04	.19					15'	17	.36	1.82
03	SOT	2/	3	8 hr.	12	.019	.08					15'	12	.0002	.0002
04	OS	4/	3	8 hr.	11	.015	.10					15'	11	.0002	.0002
05	SS	6/	3	8 hr.	6	.0013	.007					15'	6	.0002	.0002
06	EDO	1/7	3	8 hr.	9	.02	.08					15'	10	.063	.34
07	LAB	9/6	3	8 hr.	6	.0116	.04					15'	6	.1018	.97
08	TECH	6/	3	8 hr.	9	.0002	.0002					15'	9	.031	.27
09	CLER.	6/	3	8 hr.	1	.0002	.0002					15'	1	.0002	.0002
10	INSTR	1/14		8 hr.	5	.03	.102					15'	5	.0002	.0002
11	LABORER	1/		8 hr.								15'	1	.0002	.0002
12	SUMMER														
13	CONT MAINT	5/7													
14	NON-OS SPEC.														
15	SECUR.														
16	MATL CONT														
17	LOADING														
18	T/C CLNG														
19	MGRS/NON-OP														
20	AREA SAMP (NO JC)	1/						8 hr.	168	.045	2.12				

DO NOT
CONFIDENTIAL

PROTECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY M. M. Cox

ANNUAL YEAR 1981

PLANT Vinyl I

BLOCK 17

STRESS MeCl₂

MINIMAL DETECTABLE
LIMIT AND UNIT

.2 PPB

O.	JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
1	OTT														
2	OT	1/5	3	8 hr.	17	.03	.52					15'	17	.02	.28
3	SOT	2/	3	8 hr.	12	.001	.005					15'	12	.0002	.0002
4	OS	4/	3	8 hr.	11	.0019	.007					15'	11	.0002	.0002
5	SS	6/	3	8 hr.	6	.165	.98					15'	6	.0002	.0002
6	EDO	1/7	3	8 hr.	9	.12	1.08					15'	10	.008	.08
7	LAB	9/6	3	8 hr.	6	.0002	.0002					15'	6	.0002	.0002
8	TECH	6/	3	8 hr.	9	.0002	.0002					15'	9	.0002	.0002
9	CLER.	6/	3	8 hr.	1	.07	.07					15'	1	.0002	.0002
0	INSTR	1/14	3	8 hr.	5	.0002	.0002					15'	5	.0002	.0002
1	LABORER	1/										15'	1	.0002	.0001
2	SUMMER														
3	CONT MAINT	5/7													
4	NON-OS SPEC.														
5	SECUR.														
6	MATL CONT														
7	LOADING														
8	T/C CLNG														
9	MGRS/NON-OP														
0	AREA SAMP (NO JC)	1/						8 hr.	168	.079	6.27				

TECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

DC 139838
CONFIDENTIAL

VINYL CHLORIDE PLANT PERSONNEL EXPOSURE STATUS REPORT
VINYL CHLORIDE

Udman
MONTH 3rd Quarter 1982

	(1) Pump (2) Badge NO.	EIGHT HOUR T.W.A.				15 MINUTE EXCURSION			
		0-.5 PPM	.5-1.0 PPM	G 1.0 PPM	AVG.	0-5 PPM	5-25 PPM	G 25 PPM	AVG
	12	5	1			6			
	4	2				2			
	2					1			
SUPERVISOR									
VINYL BRD									
EDC BRD	2	1				1			
O.T. B-TRI BRD/MAINT									
TANKS	3	1				2			
SAMPLES									
	2	1				1			
WALKER									
ER									
MAN	2	1				1			
VT	10	5				5			
ARKER									
ER									
1. SUPERVISOR									
ET	3	2				1			
ENGINEER									
	3	3				3			
S	33	32	1						
	79	54	2			23			
ANCE		-100%-				100%			

DO 139033
CONFIDENTIAL

FILED BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 1st YEAR 82

PLANT Vinyl I BLOCK 17 STRESS EDC MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OT	1/5	3	8hr	2	1.90	3.79					15'	2	14.45	26.89
SOT	2	3	8hr	4	.35	.83					15'	4	1.76	7.02
OS	4	3	8hr	6	.18	.159					15'	6	.0002	.0002
SS	6	3	8hr	4	.17	.39					15'	4	.0002	.0002
EDO	7	3	8hr	4	5.77	22.63					15'	11	1.82	20.03
LAB														
TECH														
CLER.	6	3	8hr	1	.0002	.0002					15'	1	.0002	.0002
INSTR														
LABORER														
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATL CONT														
LOADING														
T/C CLNG														
MGRS/NON-OP														
AREA SAMP (NO JC)	1						8hr	31	1.98	26.28				

DO 109840
CONFIDENTIAL

PROTECTIVE EQUIPMENT: (1) Mouthbft (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILLED IN BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 1st YEAR 82PLANT Vinyl I BLOCK 17 STRESS Beta-Tri MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OT	<u>1/5</u>	<u>3</u>	<u>8hr</u>	<u>2</u>	<u>.11</u>	<u>.22</u>					<u>15'</u>	<u>2</u>	<u>.0002</u>	<u>.0002</u>
SOT	<u>2</u>	<u>3</u>	<u>8hr</u>	<u>4</u>	<u>.06</u>	<u>.09</u>					<u>15'</u>	<u>4</u>	<u>.0002</u>	<u>.0002</u>
OS	<u>4</u>	<u>3</u>	<u>8hr</u>	<u>6</u>	<u>.02</u>	<u>.06</u>					<u>15'</u>	<u>6</u>	<u>.0002</u>	<u>.0002</u>
SS	<u>6</u>	<u>3</u>	<u>8hr</u>	<u>1</u>	<u>.08</u>	<u>.16</u>					<u>15'</u>	<u>1</u>	<u>.0002</u>	<u>.0002</u>
EDO	<u>1/7</u>	<u>3</u>	<u>8hr</u>	<u>4</u>	<u>.28</u>	<u>1.08</u>					<u>15'</u>	<u>11</u>	<u>2.93</u>	<u>21.19</u>
LAB														
TECH														
CLER.	<u>6</u>	<u>3</u>	<u>8hr</u>	<u>1</u>	<u>.0002</u>	<u>.0002</u>					<u>15'</u>	<u>1</u>	<u>.0002</u>	<u>.0002</u>
INSTR														
LABORER														
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATL CONT														
LOADING														
T/C CLNG														
MGRS/NON-OP														
AREA SAMP (NO JC)	<u>1</u>						<u>8hr</u>	<u>31</u>	<u>.07</u>	<u>1.05</u>				

DO 135841
CONFIDENTIAL

TECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILLED IN BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 1st YEAR 82PLANT Vinyl I BLOCK 17 STRESS 1.1.2 Tetra MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OI	1/5	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
SOT	2/3	3	8hr	4	.0002	.0002					15'	4	.0002	.0002
OS	4/3	3	8hr	6	.0002	.0002					15'	6	.0002	.0002
SS	6/3	3	8hr	4	.0002	.0002					15'	4	.0002	.0002
EDO	1/7	3	8hr	4	.0002	.0002					15'	11	.0002	.0002
LAB														
TECH														
CLER.	6/5	5	8hr	1	.0002	.0002					15	1	.0002	.0002
INSTR														
LABORER														
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATL CONT														
LOADING														
T/C CLNG														
MGRS/NON-OP														
AREA SAMP (NO JC)	1/						8hr	31	.0002	.0002				

DO 135642
CONFIDENTIAL

FILED IN BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUANTITY 1.510 1.510

PLANT Vinyl I BLOCK 17 STRESS 1,122 Tels MINIMAL DETECTABLE LIMIT AND UNIT .2 PPM

JOB CLASS	AREA/TASK	PERSONNEL						AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH		SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT															
OT	1/5	3	8hr	2	.0002	.0002						15'	2	.0002	.0002
SOT	2/5	3	8hr	4	.0002	.0002						15'	4	.0002	.0002
OS	4/5	3	8hr	6	.0002	.0002						15'	6	.0002	.0002
SS	6/5	3	8hr	4	.0002	.0002						15'	4	.0002	.0002
EDO	1/7	3	8hr	4	.0002	.0002						15'	11	.0002	.0002
LAB												15'			
TECH															
CLER.	6/5	3	8hr	1	.0002	.0002						15'	1	.0002	.0002
INSTR															
LABORER															
SUMMER															
CONT MAINT															
NON-OS SPEC.															
SECUR.															
MATL CONT															
LOADING															
T/C CLNG															
MGRS/NON-OP															
AREA SAMP (NO JC)	1/5							8hr	31	.004	.11				

DO NOT
CONFIDENTIAL

PROTECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILED IN BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 1st YEAR Dec

PLANT Vinyl I BLOCK 17 STRESS ETCL MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OT	1/5	3	8hr	2	.085	.17					15'	2	1.74	3.48
SOT	2/3	3	8hr	4	.007	.02					15'	4	.001	.004
OS	4/4	3	8hr	6	.0002	.002					15'	6	.0002	.002
SS	6/6	3	8hr	4	.0002	.0002					15'	4	.0002	.0002
EDO	7/7	3	8hr	4	.002	.009					15'	11	.023	.2
LAB														
TECH														
CLER.	6/6	3	8hr	1	.0002	.0002					15'	1	.0002	.0002
INSTR														
LABORER														
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATL CONT														
LOADING														
T/C CLNG														
MGRS/NON-OP														
AREA SAMP (NO JC)	1/1						8hr	31	.02	.22				

DO 109844
CONFIDENTIAL

TECTIVE EQUIPMENT: (1) Mouthbft (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILED IN BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 1st YEAR 64PLANT Vinyl I BLOCK 17 STRESS MeCl₂ MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OT	1/5	3	8 hr	2	.0002	.0002					15'	2	.0002	.0002
SOT	2	3	8 hr	4	.0003	.0003					15'	4	.0002	.0002
OS	4	3	8 hr	6	.0002	.0002					15'	6	.0002	.0002
SS	6	3	8 hr	4	.0002	.0002					15'	4	.0002	.0002
FBO	1/7	3	8 hr	4	.0002	.0002					15'	11	.0002	.0002
LAB														
TECH														
CLER.	6	3	8 hr	1	.0002	.0002					15	1	.0002	.0002
INSTR														
LABORER														
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATI. CONT														
LOADING														
T/C CLNG														
MGRS/NON-OP														
AREA SAMP (NO JC)	1						8 hr	31	.0002	.0002				

DO 138045
CONFIDENTIAL

TECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILED IN BY M.M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 2nd YEAR 02PLANT Vinyl I BLOCK 17 STRESS EDC MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OT	1/5	3	8hr	7	1.54	3.50					15'	10	1.46	12.12
SOT	2/5	3	8hr	2	2.63	4.18					15'	2	.0002	.0002
OS	4/5	3	8hr	2	.18	.19					15'	2	.0002	.0002
SS	6/5	3	8hr	2	.07	.13					15'	2	.0002	.0002
LDO	1/7	3	8hr	4	.41	1.64					15'	4	.0002	.0002
LAB	9/5	3	8hr	2	.12	.24					15'	2	.0002	.0002
TECH	6/5	3	8hr	1	.15	.15					15'	2	14.95	29.9
CLER.														
INSTR														
LABORER	2/7	2	8hr											
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATL CONT														
LOADING														
T/C CLNG														
MGRS/NON-OP														
AREA SAMP (NO JC)	1/1						8hr	28	1.31	24.71				

DETECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

DO 133846
CONFIDENTIAL

FILED TO BY 111/111/111

PLANT Vinyl I BLOCK 17 STRESS Beta-Tri MINIMAL DETECTABLE LIMIT AND UNIT .2 PPR

			PERSONNEL				AREA				EXCURSION				
	JOB CLASS	AREA/TASK	*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
1	OTT														
2	OT	1/5	3	8hr	7	.04	.12					15'	10	.0002	.0002
3	SOT	2/4	3	8hr	2	.27	.27					15'	2	.0002	.0002
4	OS	4/6	3	8hr	2	.24	.47					15"	2	1.05	2.1
5	SS	6/6	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
6	EDO	1/7	3	8hr	4	.0002	.0002					15	4	.0002	.0002
7	LAB	2/5	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
	TECH	6/6	3	8hr	1	.0002	.0002					15'	2	.0002	.0002
8	CLER.														
9	INSTR														
10	LABORER	2/7	2	8hr											
11	SUMMER														
12	CONT MAINT														
13	NON-OS SPEC.														
14	SECUR.														
15	MATL CONT														
16	LOADING														
17	T/C CLNG														
18	MGRS/NON-OP														
19	AREA SAMP (NO JC)	1/1						8hr	28	.1	1.86				

DO 139847
CONFIDENTIAL

* PROTECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILLED IN BY M.M. Cox

PLANT Vinyl I BLOCK 17 STRESS 1.1.1.2 Tetras MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

	JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
			*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
1	OTT														
2	OT	1/5	3	8hr	7	.004	.03					15'	10	.0002	.0002
3	SOT	2/5	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
4	OS	4/5	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
5	SS	6/5	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
6	EDO	1/7	3	8hr	4	.0002	.0002					15'	4	.0002	.0002
7	LAB	2/5	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
8	TECH	6/5	3	8hr	1	.0002	.0002					15'	2	.0002	.0002
9	CLER.														
0	INSTR														
1	LABORER		2	8hr											
2	SUMMER														
3	CONT MAINT														
4	NON-OS SPEC.														
5	SECUR.														
6	MATL CONT														
7	LOADING														
8	T/C CLNG														
	MGRS/NON-OP														
0	AREA SAMP (NO JC)	1/5						8hr		.008	.23				

* PROTECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

DO 139648
CONFIDENTIAL

FIELD NO. MM. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 2 YEAR 1968

PLANT Vinyl I BLOCK 17 STRESS 11.22 Tetras MINIMAL DETECTABLE LIMIT AND UNIT .2 PPR

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OPT														
OT	1/5	3	8hr	7	.0002	.0002					15'	10	.0002	.0002
NOT	2/4	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
OS	4/1	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
SS	6/1	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
DO	1/7	3	8hr	4	.0002	.0002					15'	4	.0002	.0002
LAB	9/5	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
TECH	6/1	3	8hr	1	.0002	.0002					15'	2	.0002	.0002
CLER.														
INSTR														
LABORER		2	8hr											
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATE. CONT														
LOADING														
W/C CLING														
GRS/NON-OP														
REA SAMP (NO JC)	1/1						8hr	28	.009	.26				

DO 139649
CONFIDENTIAL

PROTECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILED TO BY M. M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 2nd YEAR 82PLANT Vingl I BLOCK 17 STRESS ELCL MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OT	1/5	3	8 hr	7	.05	.14					15'	10	.24	1.9
SOT	2	3	8 hr	2	.06	.11					15'	2	.0002	.0002
OS	4	3	8 hr	2	.003	.006					15'	2	.0002	.0002
SS	6	3	8 hr	2	.0002	.0002					15'	2	.0002	.0002
LDO	1/7	3	8 hr	4	.0002	.0002					15'	4	.0002	.0002
LAB	9/5	3	8 hr	2	.02	.045					15'	2	.0002	.0002
TECH	6	3	8 hr	1	.0002	.0002					15'	2	.0002	.0002
CLER.														
INSTR														
LABORER	/	2	8 hr											
SUMMER														
CONT MAINT														
NON-OS SPEC.	1													
SECUR.														
MATL CONT														
LOADING														
F/C CLNG														
MGKS/NON-OP														
AREA SAMP (NO JC)	1						8 hr	28	.0003	.005				

CONFIDENTIAL
00 153050

PROTECTIVE EQUIPMENT: (1) Mouthbit (2) Full Face (3) Half or Dust Face (4) Air Supply (5) Hearing Protection

FILED IN BY M.M. Cox

EMPLOYEE EXPOSURE SUMMARY

QUARTER 2nd YEAR 82PLANT Vinyl I BLOCK 17 STRESS MeCl₂ MINIMAL DETECTABLE
LIMIT AND UNIT .2 PPB

JOB CLASS	AREA/TASK	PERSONNEL					AREA				EXCURSION			
		*PT. EQ.	TWA BASIS	NO. SAMPLES	AVG.	HIGH	SAMPLE DURATION	NO. SAMPLES	AVG.	HIGH	EXCUR. DURATION	NO. SAMPLES	AVG.	HIGH
OTT														
OT	1-5	3	8hr	7	.1	.73					15'	10	.0002	.0002
SOT	2	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
OS	4	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
SS	6	3	8hr	2	.0002	.0002					15'	2	.0002	.0002
EDO	1-7	3	8hr	4	.0002	.0002					15'	4	.0002	.0002
LAB	9-5	3	8hr	2	.15	.30					15'	2	.0002	.0002
TECH	6	3	8hr	1	.06	.12					15'	2	.0002	.0002
CLER.														
INSTR														
LABORER		2	8hr											
SUMMER														
CONT MAINT														
NON-OS SPEC.														
SECUR.														
MATL. CONT														
LOADING														
F/C CLNG														
MGRS/NON-OP														
AREA SAMP (NO JC)	1						8hr	28	.0002	.0002				

DO 139051
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM Coy

DR# 0001-8531

QUARTER 3rd YEAR 1982

MT V. NYL I BLOCK 17 STRESS EDC MINIMAL DETECTABLE LIMIT AND UNIT .2 ppb

IHG 10 ppm (V)

	AREA/ TASK	PERSONNEL						EXCURSION						AREA					
		*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C		
	1/5	3	8hr	1	1.27	1.27		15'	2	.0002	.0002								
SOT																			
OS	4	3	8hr	1	.06	.06		15'	1	.54	.54								
SS																			
SDO	1/7	3	8hr	1	.19	.19		15'	1	.0002	.0002								
SD	9/5	3	8hr	3	.30	.44		15'	3	.71	2.14								
CLER.																			
INSTR	1/14	3	8hr	5	.05	.12		15'	5	.0002	.0002								
LABORER																			
CONT MAINT	2/7	3	8hr					15'											
MATL CONT																			
MGRS/NON- OP																			
AREA SAMP (NO JC)												8hr	33	1.62	21.46				
MFG. MGR.																			
MFG TECH	6	3	8hr	6	1.39	7.46		15'	6	.33	1.98								
CHEMIST																			
SET SUPV.																			
TECH																			
DO.																			

1) NO. OF SAMPLES (2) NO. OF SAMPLES (3) NO. OF SAMPLES OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

DO 139652
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM Cox

BETA TRI

DR# 0002-3687

QUARTER 3rd YEAR 1982

IHG 10ppm (v)

MAINT VINYL E BLOCK 17

STRESS B+ni

MINIMAL DETECTABLE
LIMIT AND UNIT -2ppb

PERSONNEL

EXCURSION

AREA

JOB	AREA/ TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
OT	1/5	3	8hr	1	.002	.002		15'	2	.62	1.24						
SOT																	
OS	4	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
SS																	
EDO	1/7	3	8hr	1	.05	.05		15'	1	.0002	.0002						
LAB	9/5	3	8hr	3	.02	.06		15'	3	.0002	.0002						
CLER.																	
INSTR	1/14	3	8hr	5	.03	.08		15'	5	.41	2.04						
LABORER																	
CONT	2/7	3	8hr					15'									
MAINT																	
MATL																	
CONT																	
MGRS/NON- OP																	
AREA SAMP (NO JC)													8hr	33	.12	.60	
MFG.																	
MGR.																	
MFG TECH	6/-	3	8hr	6	.008	.05		15'	6	.16	.96						
CHEMIST																	
SET																	
SUPV.																	
SUPV.																	
CHOD.																	

POSITIVE EXPOSURE (1) TISSUE (2) SKIN (3) EYE (4) AIR SUPPLY (5) HEARING PROTECTION

DO 139853
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM COX

DR# 0001-3412

QUARTER 3rd YEAR 1982
IHG 100ppm

PLANT VINYL I BLOCK 17

1112
STRESS TETRAHS MINIMAL DETECTABLE LIMIT AND UNIT .2ppb

PERSONNEL

EXCURSION

AREA

	AREA/ TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
OTM																	
OT	1/5	3	8hr	1	.0002	.0002		15'	2	.0002	.0002						
SO																	
US	4	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
SL																	
SEC	1/7	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
LAB	9/5	3	8hr	3	.0002	.0002		15'	3	.0002	.0002						
CHER.																	
INSTR	1/14	3	8hr	5	.0002	.0002		15'	5	.0002	.0002						
LABORER																	
CONT	2/7	3	8hr					15'									
MAINT																	
MATL																	
CONT																	
MGRS/NON- OP																	
AREA SAMP (NO JC)													8hr	33	.0002	.0002	
MFG.																	
MGR.																	
MFG TECH	6	3	8hr	6	.0002	.0002		15'	6	.0002	.0002						
CHEMIST																	
SET																	
SUPV.																	
SET																	
LO																	

DO 139854
CONFIDENTIAL

EXPOSURE (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

EMPLOYEE EXPOSURE SUMMARY
 FILLED IN BY MM COX DR# 0002-3632 QUARTER 3rd YEAR 1982
 ANT VINYL I BLOCK 17 STRESS TERRAS MINIMAL DETECTABLE LIMIT AND UNIT -2 ppb IHG 0.1 ppm (V)

JOB CLASS	AREA/TASK	PERSONNEL						EXCURSION						AREA					
		#PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C		
OT	1/5	3	8hr	1	.0002	.0002		15'	2	.0002	.0002								
SOT																			
OS	4	3	8hr	1	.0002	.0002		15'	1	.0002	.0002								
SS																			
EDO	1/7	3	8hr	1	.0002	.0002		15'	1	.0002	.0002								
LAB	9/5	3	8hr	3	.0002	.0002		15'	3	.0002	.0002								
CLER.																			
INSTR	1/14	3	8hr	5	.0002	.0002		15'	5	.0002	.0002								
LABORER																			
CONT MAINT	2/7	3	8hr					15'											
MATL CONT																			
MGRS/NON-OP																			
AREA SAMP (NO JC)													8hr	33	.0015	.02			
MFG. MGR.																			
MFG TECH	6	3	8hr	6	.0006	.0006		15'	6	.0006	.0006								
CHEMIST																			
SET SUPV.																			
CLER.																			

CONFIDENTIAL

(2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

DO 139855
 CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM COX

DR# 0002-3701

QUARTER 5A YEAR 1956

PLANT VINYL I BLOCK 17

STRESS ETCL

MINIMAL DETECTABLE

LIMIT AND UNIT .2ppb

IHG 100ppm (V)

PERSONNEL

EXCURSION

AREA

JOB CLASS	AREA/TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
OT	1/5	3	8hr	1	.0002	.0002		15'	2	.0002	.0002						
SOT																	
OS	4	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
SS																	
EDO	1/7	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
LAB	9/5	3	8hr	3	.01	.03		15'	3	.0002	.0002						
CLER.																	
INSTR	1/14	3	8hr	5	.06	.26		15'	5	.0002	.0002						
LABORER																	
CONT																	
MAINT																	
MATL																	
CONT																	
MGRS/NON-OP																	
AREA SAMP (NO JC)													8hr	33	.099	3.12	
MFG.	6	3	8hr	6	.001	.007		15'	6	.0002	.0002						
MGR.																	
MFG																	
TECH																	
CHEMIST																	
SET																	
SUPV.																	
SHIP																	
COORD.																	

PROTECTIVE EQUIPMENT: (1) MOUTHPIECE (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

REMARKS (Use reverse side)

DC 139056
CONFIDENTIAL

FILLED IN BY MM Carr EMPLOYEE EXPOSURE SUMMARY
 Methylene Chloride DR# 0001-5849 QUARTER 3rd YEAR 1982
 UNIT VINYL I BLOCK 17 STRESS M2 MINIMAL DETECTABLE
 LIMIT AND UNIT .2 ppb IHG 100 ppm W

PERSONNEL

EXCURSION

AREA

	AREA/ TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
OT	1/5	3	8hr	1	.0002	.0002		15'	2	.0002	.0002						
SOT																	
OS	4/	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
SS																	
EDO	1/7	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
LAB	9/5	3	8hr	3	.0002	.0002		15'	3	.0002	.0002						
CLER.																	
INSTR	1/14	3	8hr	5	.18	.91		15'	5	.0002	.0002						
LABORER																	
CONT																	
MAINT																	
MATL																	
CONT																	
MGRS/NON- OP																	
AREA SAMP (NO JC)													8hr	33	.0002	.0002	
MFG.																	
MGR.																	
MFG TECH	6/	3	8hr	6	.0002	.0002		15'	6	.0002	.0002						
CHEMIST																	
SET																	
SUPV.																	
SHIP																	
COORD.																	

PROTECTIVE EQUIPMENT: (1) MOUTHPIECE (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

CO 139007
 CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM CoyDR# 0001-8531QUARTER 4th YEAR 1982IHG 10ppm (v)PLANT VINYL I BLOCK 17 STRESS EDC MINIMAL DETECTABLE LIMIT AND UNIT .2 ppb

PERSONNEL

EXCURSION

AREA

NO.	JOB CLASS	AREA/TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1/5	3	8hr	4	3.29	9.48		15'	4	18.77	57.12						
03	SOT	3/3	3	8hr	1	.18	.18		15'	1	5.88	5.88						
04	OS	4/4	3	8hr	4	.14	.34		15'	5	2.08	9.48						
05	SS	6/6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
06	EDO	1/7	3						15'	2	9.38	18.76						
07	LAB	9/5	3	8hr	2	.13	.26		15'	2	.0002	.0002						
09	CLER.																	
10	INSTR																	
11	LABORER	2/7																
13	CONT MAINT	2/7																
16	MATL CONT																	
19	MGRS/NON-OP																	
20	AREA SAMP (NO JC)	1/1												8 hr	36	.62	3.53	
24	MFG. MGR.																	
26	MFG TECH	6/6	3	8hr	1	.24	.24		15'	1	.0002	.0002						
28	CHEMIST SET	9/5	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
29	SUPV. SHIP																	
30	COORD.																	

CONFIDENTIAL

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

**COMMENTS (Use reverse side)

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM Cox

BETA TRI

DR# 0002-3687

QUARTER 4th YEAR 1982

PLANT VINYL E BLOCK 17

STRESS B+ni

MINIMAL DETECTABLE

LIMIT AND UNIT .2ppb

IHG 10ppm (v)

PERSONNEL

EXCURSION

AREA

NO.	JOB CLASS	AREA/TASK	#PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1/5	3	8hr	4	4.36	17.38		15'	4	.275	1.1						
03	SOT	3	3	8hr	1	.04	.04		15'	1	.0002	.0002						
04	OS	4	3	8hr	4	.013	.05		15'	5	.2	1.0						
05	SS	6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
06	EDO	1/7	3						15'	2	.0002	.0002						
07	LAB	9/5	3	8hr	2	.06	.12		15'	2	.0002	.0002						
09	CLER.																	
10	INSTR																	
11	LABORER																	
13	CONT MAINT																	
16	MATL CONT																	
19	MGRS/NON-OP																	
20	AREA SAMP (NO JC)	1												8hr	36	.095	.19	
24	MFG. MGR.																	
26	MFG TECH	6	3	8hr	1	.07	.07		15'	1	.0002	.0002						
28	CHEMIST SET	9/5	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
29	SUPV. SHIP																	
30	COORD.																	

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

*COMMENTS (Use reverse side)

DO NOT
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM 604

DR# 0001-3412

QUARTER 4th YEAR 1982

PLANT VINYL I BLOCK 17

STRESS TETRA MINIMAL DETECTABLE LIMIT AND UNIT .2ppb

IHG 100ppm

		PERSONNEL							EXCURSION					AREA				
NO.	JOB CLASS	AREA/TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1/5	3	8hr	4	.0002	.0002		15'	4	.0002	.0002						
03	SOT	3	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
04	OS	4	3	8hr	4	.0002	.0002		15'	5	.0002	.0002						
05	SS	6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
06	EDO	1/7	3						15'	2	.0002	.0002						
07	LAB	9/5	3	8hr	2	.0002	.0002		15'	2	.0002	.0002						
09	CLER.																	
10	INSTR																	
11	LABORER																	
13	CONT MAINT																	
16	MATL CONT																	
19	MGRS/NON-OP																	
20	AREA SAMP (NO JC)	1												8hr	36	.008	.18	
24	MFG. MGR.																	
26	MFG TECH	6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
28	CHEMIST SET	9/5	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
29	SUPV. SHIP																	
30	COORD.																	

DO 139860
CONFIDENTIAL

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

*COMMENTS (Use reverse side)

DO 139860
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

FILLED IN BY MM COXDR# 0002-3632QUARTER 4th YEAR 1982PLANT VINYL I BLOCK 17STRESS TERRAS

MINIMAL DETECTABLE

LIMIT AND UNIT .2 ppbIHG 0.1 ppm (V)

PERSONNEL

EXCURSION

AREA

NO.	JOB CLASS	AREA/TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1/5	3	8hr	4	.0002	.0002		15'	4	.0002	.0002						
03	SOT	3	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
04	OS	4	3	8hr	4	.0002	.0002		15'	5	.0002	.0002						
05	SS	6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
06	EDO	1/7	3						15'	2	.0002	.0002						
07	LAB	9/5	3	8hr	2	.0002	.0002		15'	2	.0002	.0002						
09	CLER.																	
10	INSTR																	
11	LABORER																	
13	CONT MAINT																	
16	MATL CONT																	
19	MGRS/NON- OP																	
20	AREA SAMP (NO JC)	1												8 hr	36	.0002	.0002	
24	MFG. MGR.																	
26	MFG TECH	6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
28	CHEMIST	9/5	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
29	SET SUPV.																	
30	SHIP COORD.																	

DO 139861
CONFIDENTIAL

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

*COMMENTS. (Use reverse side)

EMPLOYED EXPOSURE SUMMARY

FILLED IN BY MM COX

DR# 0002-3701

DATE 4th YEAR 1982

MINIMAL DETECTABLE

PLANT VINYL I BLOCK 17 STRESS ETCL LIMIT AND UNIT .2ppb

PERSONNEL

EXCURSION

AREA

NO.	JOB CLASS	AREA/TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1/5	3	8hr	4	.202	.77		15'	4	7.085	26.27						
03	SOT	3/3	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
04	OS	4/4	3	8hr	4	.013	.05		15'	5	.35	1.74						
05	SS	6/6	3	8hr	1	.0002	.0002		15'	1	.3	.3						
06	EDO	1/7	3						15'	2	.665	1.33						
07	LAB	9/5	3	8hr	2	.0002	.0002		15'	2	.0002	.0002						
09	CLER.																	
10	INSTR																	
11	LABORER																	
13	CONT MAINT																	
16	MATL CONT																	
19	MGRS/NON-OP																	
20	AREA SAMP (NO JC)	1/1												8hr	36	.19	3.86	
24	MFG. MGR.																	
26	MFG TECH	6/6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
28	CHEMIST	9/5	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
29	SET SUPV.																	
30	SHIP COORD.																	

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

**COMMENTS (Use reverse side)

DC 139862
CONFIDENTIAL

FILLED IN BY MM Cox

EMPLOYEE EXPOSURE SUMMARY

METHYLENE CHLORIDE DR# 0001-5849WINTER 4th YEAR 1982
IHG 100 ppm (V)PLANT VINYL I BLOCK 17STRESS M2

MINIMAL DETECTABLE

LIMIT AND UNIT .2 ppb

PERSONNEL

EXCURSION

AREA

NO.	JOB CLASS	AREA/TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1/5	3	8hr	4	.0002	.0002		15'	4	.0002	.0002						
03	SOT	3	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
04	OS	4	3	8hr	4	.0002	.0002		15'	5	.0002	.0002						
05	SS	6	3	8hr	1	.0002	.0002		15'	1	.0002	.0002						
06	EDO	1/7	3						15	2	.0002	.0002						
07	LAB	9/5	3	8hr	2	.0002	.0002		15'	2	.0002	.0002						
09	CLER.																	
10	INSTR																	
11	LABORER																	
13	CONT MAINT																	
16	MATL CONT																	
19	MGRS/NON-OP																	
20	AREA SAMP (NO JC)	1												8hr	36	.002	.07	
24	MFG. MGR.																	
26	MFG TECH	6	3	8hr	1	.0002	.0002		15	1	.0002	.0002						
28	CHEMIST SET	9/5	3	8hr	1	.0002	.0002		15	1	.0002	.0002						
29	SUPV. SHIP																	
30	COORD.																	

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

**COMMENTS (Use reverse side)

DO 139863
CONFIDENTIAL

FILLED IN BY M. M. COX

EMPLOYEE EXPOSURE SUMMARY

DR# 0001-8531

ANNUAL YEAR 1982
IHC 10 PPM (V)PLANT VINYL 1BLOCK 17STRESS EDCMINIMAL DETECTABLE
LIMIT AND UNIT .2 PPB

		PERSONNEL							EXCURSION					AREA				
NO.	JOB CLASS	AREA/TASK	*PT EQ:	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1/5	3	8 Hr	14	2.07	9.48		15'	18	6.48	57.12						
03	SOT	3	3	8 Hr	7	.96	4.18		15'	7	1.84	7.02						
04	OS	4	3	8 Hr	13	.16	.69		15'	14	.78	9.48						
05	SS	6	3	8 Hr	7	.11	.39		15'	7	.0002	.0002						
06	EDO	1/7	3	8 Hr	9	2.77	22.63		15'	18	2.16	20.03						
07	LAB	9/5	3	8 Hr	8	.18	.44		15'	8	.27	2.14						
09	CLER.	6	3	8 Hr	1	.0002	.0002		15'	1	.0002	.0002						
10	INSTR	1/14	3	8 Hr	5	.05	.12		15'	5	.0002	.0002						
11	LABORER																	
13	CONT MAINT																	
16	MATL CONT																	
19	MGRS/NON-OP																	
20	AREA SAMP (NO JC)	1												8 Hr	128	1.36	24.77	
24	MFG. MGR.																	
26	MFG TECH	1	3	8 Hr	8	1.09	7.46		15'	9	3.54	29.9						
28	CHEMIST SET																	
29	SUPV. SHIP																	
30	COORD.																	

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

**COMMENTS (Use reverse side)

DO NOT
CONFIDENTIAL

FILLED IN BY John P. Brown

EMPLOYEE EXPOSURE SUMMARY

DR# 0114-1786

QUARTER 7 YEAR 87
IHG 1 ppm

PLANT Vancouver BLOCK 66 STRESS MINIMAL DETECTABLE LIMIT AND UNIT 1000 ppm

PERSONNEL									EXCURSION					AREA				
NO.	JOB CLASS	AREA/ TASK	*PT EQ.	TWA BASIS	NO. SAMP.	(<i>from</i>) AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT			8hrs														
02	OT			}	19	.11	.81	✓										
03	SOT				5	.05	.16	✓										
04	OS				12	.02	.06	✓										
05	SS				4	.02	.07	✓										
06	EDO																	
07	LAB																	
09	CLER.																	
10	INSTR					6	.17	.30	✓									
11	LABORER																	
13	CONT MAINT																	
16	MATL CONT																	
19	MGRS/NON-OP																	
20	AREA SAMP (NO JC)																	
24	MFG. MGR.																	
26	MFG TECH																	
28	CHEMIST SET			}														
29	SUPV. SHIP																	
30	COORD.																	

CONFIDENTIAL

CO 10986

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

**COMMENTS (Use reverse side)

00 103065
CONFIDENTIAL

EMPLOYEE EXPOSURE SUMMARY

ANNUAL YEAR 1982

FILLED IN BY M. M. COXDR# 0114-1986IHG 1 PPM (V)PLANT VINYL 1 BLOCK 17 STRESS VINYL MINIMAL DETECTABLE LIMIT AND UNIT .2 PPB

PERSONNEL								EXCURSION					AREA					
NO.	JOB CLASS	AREA/ TASK	*PT EQ.	TWA BASIS	NO. SAMP.	AVG.	HIGH	** C	EXCUR. DURATION	NO. SAMP.	AVG.	HIGH	** C	SAMPLE DURATION	NO. SAMP.	AVG.	HIGH	** C
01	OTT																	
02	OT	1 5	3	8 Hr	14	.39	.74		15'	18	2.19	12.14						
03	SOT	3	3	8 Hr	7	.49	.86	✓	15'	7	.38	.99						
04	OS	4	3	8 Hr	13	.35	1.2		15'	14	.21	.87						
05	SS	6	3	8 Hr	7	.17	.38		15'	7	.004	.03						
06	EDO	1 7	3	8 Hr	9	.06	.12		15'	18	.06	.37						
07	LAB	9 5	3	8 Hr	8	.31	.95	✓	15'	8	.89	4.75						
09	CLER.	6	3	8 Hr	1	.52	.52		15'	1	.45	.45						
10	INSTR	1 14	3	8 Hr	5	.06	.19		15'	5	.23	.52						
11	LABORER	2 7	1	8 Hr	1	.91	.91	✓	15'	6	.35	1.1						
13	CONT MAINT	2 7	1	8 Hr	9	.14	.46		15'	13	1.04	4.8						
16	MATL CONT																	
19	MGRS/NON- OP																	
20	AREA SAMP (NO JC)	1												8 Hr	128	.14	1.31	
24	MFG. MGR.																	
26	MFG TECH	1	3	8 Hr	8	.29	.67		15'	9	.24	1.08						
28	CHEMIST SET																	
29	SUPV. SHIP																	
30	COORD.																	

SHOW RESP PROT
IN ALL CASES

74 5 HIGH - 97

106
For EDC? CANOT USE FOR VINYL

Prot-EQ

Show Resp Prot
IN ALL CASES

74 5 High - 97

106
For EDC? CANNOT USE FOR VINYL

*PROTECTIVE EQUIPMENT: (1) MOUTHBIT (2) FULL FACE (3) HALF FACE OR DUST (4) AIR SUPPLY (5) HEARING PROTECTION

DO 159866
CONFIDENTIAL