** ASI-ST REL. 15B **

PAGE NO. 1

06/07/83

REQUEST FILE
FOR FILE CIHRKLEA

INPUT CONTROL CRITERIA

CARD 01111111112222222233333333344444444455555555566666666677777777778
COLUMN 90123456789012345678901234567890123456789012345678901234567890

GENERAL REQUEST SPECIFICATIONS (TYPE A)

CURRENT COSTON

PAGE TITLE (TYPE M)
00 ****** RESTRICTED FOR INTERNAL USE ONLY ******
001
01 INDUSTRIAL HYGIENE - PLANT 515
02 VINYL CHLORIDE PERSONNEL MONITORING DATA
021SVR CLARIFICATION AND DAYING UNITS
022MAY 1982 THRU MAY 1983

INTERMEDIATE ARITHMETIC SPECIFICATIONS (TYPE N)
01 YEAR =SAMPYR
02 DASH1 =$LITERAL
03 BADGE =$LITERAL

RETRIEVAL/REPORT SPECIFICATIONS (TYPE R)
01 DATASHT# L 001
02 SAMEMO L 0
03 DASH1 L 0
04 SAMEDAY L 1
05 BADGE L 1
06 SAMPYR L 0
07 WEL FUNI TOTAL S 001
08 WEL MEDG TOTAL S 001
09UNITS L 001
093SELDATE LOANS S 5

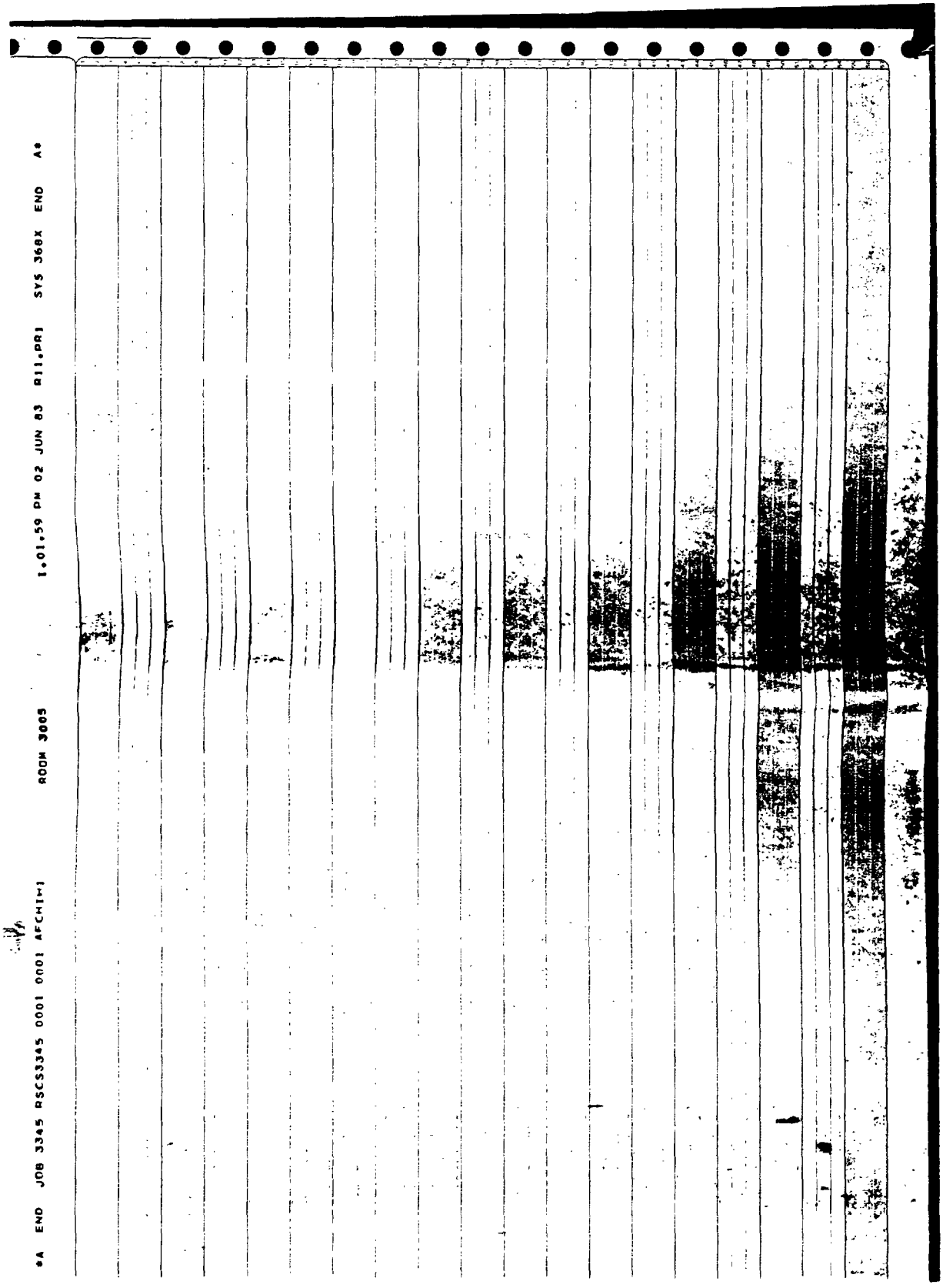
UCTC 20903

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UCTC 20905



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UCTC 20906

AREA TWA SURVEY - PLANT515

PROCESS	BLDG	EQUIP	REC#	DATE	AIR CONC	SAMP TIME	8-HOUR T.W.A.
SVR DRYING	121	4 BAG HOUS	0913 0	03/10/83	0.050	0221	
SVR DRYING	121	4 BAG HOUS	0913 1	03/10/83	0.010	0214	0.027
SVR DRYING	121	4 BAG HOUS	0921 0	03/11/83	0.020	0221	
SVR DRYING	121	4 BAG HOUS	0921 1	03/11/83	0.010	0202	0.013
SVR DRYING	121	4 BAG HOUS	0973 0	03/17/83	0.070	0211	
SVR DRYING	121	4 BAG HOUS	0973 1	03/17/83	0.060	0201	0.056
SVR DRYING	121	4 BAG HOUS	0982 0	03/18/83	0.110	0215	
SVR DRYING	121	4 BAG HOUS	0982 1	03/18/83	0.030	0210	0.052
SVR DRYING	121	4 BAG HOUS	1017 0	03/24/83	0.010	0210	
SVR DRYING	121	4 BAG HOUS	1017 1	03/24/83	0.010	0210	0.009
SVR DRYING	121	4 BAG HOUS	1027 0	03/25/83	0.020	0220	
SVR DRYING	121	4 BAG HOUS	1027 1	03/25/83	0.020	0200	0.017
SVR DRYING	121	4 BIRD	0819 0	02/24/83	0.150	0205	
SVR DRYING	121	4 BIRD	0819 1	02/24/83	1.010	0204	0.493
SVR DRYING	121	4 BIRD	0827 0	02/25/83	0.030	0208	
SVR DRYING	121	4 BIRD	0827 1	02/25/83	0.030	0211	0.026
SVR DRYING	121	4 BIRD	0845 0	03/01/83	0.050	0213	
SVR DRYING	121	4 BIRD	0845 1	03/01/83	0.020	0209	> 0.031
SVR DRYING	121	4 BIRD	0914 0	03/10/83	0.150	0221	
SVR DRYING	121	4 BIRD	0914 1	03/10/83	0.050	0214	0.091
SVR DRYING	121	4 BIRD	0922 0	03/11/83	0.010	0221	
SVR DRYING	121	4 BIRD	0922 1	03/11/83	0.020	0202	0.008
SVR DRYING	121	4 BIRD	0974 0	03/17/83	0.080	0211	
SVR DRYING	121	4 BIRD	0974 1	03/17/83	0.070	0201	0.064
SVR DRYING	121	4 BIRD	0983 0	03/18/83	0.150	0215	
SVR DRYING	121	4 BIRD	0983 1	03/18/83	0.120	0210	0.120
SVR DRYING	121	4 BIRD	1008 0	03/23/83	0.230	0220	
SVR DRYING	121	4 BIRD	1008 1	03/23/83	0.040	0200	0.122
SVR DRYING	121	4 BIRD	1028 0	03/25/83	0.090	0220	
SVR DRYING	121	4 BIRD	1028 1	03/25/83	0.010	0200	0.045
SVR DRYING	204		0825 0	02/24/83	0.010	0195	
SVR DRYING	204		0825 1	02/24/83	0.040	0202	0.017
SVR DRYING	204		0833 0	02/25/83	0.010	0205	
SVR DRYING	204		0833 1	02/25/83	0.010	0212	0.009
SVR DRYING	204		0851 0	03/01/83	0.010	0211	
SVR DRYING	204		0851 1	03/01/83	0.010	0211	< 0.010
SVR DRYING	204		0920 0	03/10/83	0.070	0220	
SVR DRYING	204		0920 1	03/10/83	0.030	0213	0.045
SVR DRYING	204		0928 0	03/11/83	0.020	0221	
SVR DRYING	204		0928 1	03/11/83	0.010	0201	0.013
SVR DRYING	204		0980 0	03/17/83	0.110	0210	
SVR DRYING	204		0980 1	03/17/83	0.120	0200	0.098
SVR DRYING	204		0989 0	03/18/83	0.170	0215	
SVR DRYING	204		0989 1	03/18/83	0.060	0210	0.102
SVR DRYING	204		1024 0	03/24/83	0.010	0210	
SVR DRYING	204		1024 1	03/24/83	0.010	0210	0.009
SVR DRYING	204		1034 0	03/25/83	0.030	0220	
SVR DRYING	204		1034 1	03/25/83	0.020	0200	0.022

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Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (1983)
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AREA TWA SURVEY - PLANT515

PROCESS	BLDG	EQUIP	REC#		DATE		AIR CONC	SAMP TIME		8-HOUR T.W.A.
SVR DRYING	121	12 HOPPER	0987	0	03/18/83		0.190	0215		
SVR DRYING	121	12 HOPPER	0987	1	03/18/83		0.070	0210		0.116
SVR DRYING	121	12 HOPPER	1012	0	03/23/83		0.120	0220		0.055
SVR DRYING	121	12 HOPPER	1022	0	03/24/83		0.010	0210		
SVR DRYING	121	12 HOPPER	1022	1	03/24/83		0.010	0210		0.009
SVR DRYING	121	12 HOPPER	1032	0	03/25/83		0.310	0220		
SVR DRYING	121	12 HOPPER	1032	1	03/25/83		0.390	0200		0.305
SVR DRYING	121	2 HOPPER	0821	0	02/24/83	<	0.010	0200		
SVR DRYING	121	2 HOPPER	0821	1	02/24/83		0.120	0204		0.051
SVR DRYING	121	2 HOPPER	0829	0	02/25/83		0.020	0207		
SVR DRYING	121	2 HOPPER	0829	1	02/25/83		0.020	0212		0.017
SVR DRYING	121	2 HOPPER	0847	0	03/01/83		0.030	0212		
SVR DRYING	121	2 HOPPER	0847	1	03/01/83		0.010	0210		0.018
SVR DRYING	121	2 HOPPER	0916	0	03/10/83		0.060	0220		
SVR DRYING	121	2 HOPPER	0916	1	03/10/83		0.030	0214		0.041
SVR DRYING	121	2 HOPPER	0924	0	03/11/83		0.010	0221		
SVR DRYING	121	2 HOPPER	0924	1	03/11/83		0.010	0202		0.009
SVR DRYING	121	2 HOPPER	0976	0	03/17/83		0.100	0210		
SVR DRYING	121	2 HOPPER	0976	1	03/17/83		0.090	0201		0.081
SVR DRYING	121	2 HOPPER	0985	0	03/18/83		0.160	0215		
SVR DRYING	121	2 HOPPER	0985	1	03/18/83		0.070	0210		0.102
SVR DRYING	121	2 HOPPER	1010	0	03/23/83		0.070	0220		
SVR DRYING	121	2 HOPPER	1010	1	03/23/83		0.030	0200		0.045
SVR DRYING	121	2 HOPPER	1020	0	03/24/83		0.010	0210		
SVR DRYING	121	2 HOPPER	1020	1	03/24/83		0.020	0210		0.013
SVR DRYING	121	2 HOPPER	1030	0	03/25/83		0.020	0220		
SVR DRYING	121	2 HOPPER	1030	1	03/25/83		0.020	0200		0.017
SVR DRYING	121	3 E MILL	0824	0	02/24/83	<	0.010	0195		
SVR DRYING	121	3 E MILL	0824	1	02/24/83		0.050	0203		0.021
SVR DRYING	121	3 E MILL	0832	0	02/25/83		0.020	0205		
SVR DRYING	121	3 E MILL	0832	1	02/25/83		0.020	0213		0.017
SVR DRYING	121	3 E MILL	0850	0	03/01/83	<	0.010	0211		
SVR DRYING	121	3 E MILL	0850	1	03/01/83	<	0.010	0211	<	0.010
SVR DRYING	121	3 E MILL	0919	0	03/10/83		0.070	0220		
SVR DRYING	121	3 E MILL	0919	1	03/10/83		0.030	0214		0.045
SVR DRYING	121	3 E MILL	0927	0	03/11/83		0.010	0222		
SVR DRYING	121	3 E MILL	0927	1	03/11/83		0.010	0201		0.009
SVR DRYING	121	3 E MILL	0979	0	03/17/83		0.120	0210		
SVR DRYING	121	3 E MILL	0979	1	03/17/83		0.090	0200		0.090
SVR DRYING	121	3 E MILL	0988	0	03/18/83		0.160	0215		
SVR DRYING	121	3 E MILL	0988	1	03/18/83		0.050	0210		0.094
SVR DRYING	121	3 E MILL	1013	0	03/23/83		0.070	0220		
SVR DRYING	121	3 E MILL	1013	1	03/23/83	>	0.030	0200	>	0.045
SVR DRYING	121	3 E MILL	1023	0	03/24/83		0.010	0210		
SVR DRYING	121	3 E MILL	1023	1	03/24/83		0.010	0210		0.009
SVR DRYING	121	3 E MILL	1033	0	03/25/83		0.080	0220		
SVR DRYING	121	3 E MILL	1033	1	03/25/83		0.070	0200		0.066
SVR DRYING	121	4 BAG HOUS	0818	0	02/24/83	<	0.010	0207		
SVR DRYING	121	4 BAG HOUS	0818	1	02/24/83		0.030	0204		0.013
SVR DRYING	121	4 BAG HOUS	0826	0	02/25/83		0.020	0209		
SVR DRYING	121	4 BAG HOUS	0826	1	02/25/83		0.020	0211		0.017
SVR DRYING	121	4 BAG HOUS	0844	0	03/01/83	<	0.010	0213		
SVR DRYING	121	4 BAG HOUS	0844	1	03/01/83	<	0.010	0209	<	0.010

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AREA TWA SURVEY - PLANT515

PROCESS	BLDG	EQUIP	REC#	DATE		AIR CONC	SAMP TIME	8-HOUR T.W.A.
SVR CLARIFICATION	TK A 2	TK 13074	1387	1 04/28/83	<	0.010	0209	0.004
SVR DRYING	121	CONT RM	0822	0 02/24/83		0.010	0198	
SVR DRYING	121	CONT RM	0822	1 02/24/83		0.060	0203	0.029
SVR DRYING	121	CONT RM	0830	0 02/25/83		0.030	0206	
SVR DRYING	121	CONT RM	0830	1 02/25/83		0.030	0212	0.026
SVR DRYING	121	CONT RM	0917	0 03/10/83		0.060	0220	
SVR DRYING	121	CONT RM	0917	1 03/10/83		0.040	0214	0.045
SVR DRYING	121	CONT RM	0925	0 03/11/83	<	0.010	0221	
SVR DRYING	121	CONT RM	0925	1 03/11/83		0.930	0202	0.391
SVR DRYING	121	CONT RM	0977	0 03/17/83		0.090	0210	
SVR DRYING	121	CONT RM	0977	1 03/17/83		0.090	0201	0.077
SVR DRYING	121	CONT RM	0986	0 03/18/83		0.110	0215	
SVR DRYING	121	CONT RM	0986	1 03/18/83		0.030	0210	0.062
SVR DRYING	121	CONT RM	1011	0 03/23/83		0.070	0220	
SVR DRYING	121	CONT RM	1011	1 03/23/83	>	0.040	0200	> 0.049
SVR DRYING	121	CONT RM	1021	0 03/24/83		0.020	0210	
SVR DRYING	121	CONT RM	1021	1 03/24/83		0.010	0210	0.013
SVR DRYING	121	CONT RM	1031	0 03/25/83		0.020	0220	
SVR DRYING	121	CONT RM	1031	1 03/25/83		0.020	0200	0.017
SVR DRYING	121	CONT RM	1389	0 04/28/83		0.010	0216	
SVR DRYING	121	CONT RM	1389	1 04/28/83	<	0.010	0209	0.004
SVR DRYING	121	MACH SHOP	0820	0 02/24/83		0.060	0201	
SVR DRYING	121	MACH SHOP	0820	1 02/24/83		0.020	0204	0.034
SVR DRYING	121	MACH SHOP	0828	0 02/25/83	<	0.010	0207	
SVR DRYING	121	MACH SHOP	0828	1 02/25/83		0.020	0212	0.009
SVR DRYING	121	MACH SHOP	0846	0 03/01/83		0.010	0212	
SVR DRYING	121	MACH SHOP	0846	1 03/01/83		0.010	0210	0.009
SVR DRYING	121	MACH SHOP	0915	0 03/10/83		0.040	0220	
SVR DRYING	121	MACH SHOP	0915	1 03/10/83		0.020	0214	0.027
SVR DRYING	121	MACH SHOP	0923	0 03/11/83	<	0.010	0221	
SVR DRYING	121	MACH SHOP	0923	1 03/11/83	<	0.010	0192	0.005
SVR DRYING	121	MACH SHOP	0975	0 03/17/83		0.070	0210	
SVR DRYING	121	MACH SHOP	0975	1 03/17/83		0.070	0201	0.060
SVR DRYING	121	MACH SHOP	0984	0 03/18/83		0.090	0215	
SVR DRYING	121	MACH SHOP	0984	1 03/18/83		0.030	0210	0.053
SVR DRYING	121	MACH SHOP	1009	0 03/23/83		0.060	0220	
SVR DRYING	121	MACH SHOP	1009	1 03/23/83		0.020	0200	0.036
SVR DRYING	121	MACH SHOP	1019	0 03/24/83		0.010	0210	
SVR DRYING	121	MACH SHOP	1019	1 03/24/83		0.010	0210	0.009
SVR DRYING	121	MACH SHOP	1029	0 03/25/83		0.020	0220	
SVR DRYING	121	MACH SHOP	1029	1 03/25/83		0.020	0200	0.017
SVR DRYING	121	12 HOPPER	0823	0 02/24/83		0.010	0197	
SVR DRYING	121	12 HOPPER	0823	1 02/24/83		0.260	0203	0.114
SVR DRYING	121	12 HOPPER	0831	0 02/25/83		0.030	0206	
SVR DRYING	121	12 HOPPER	0831	1 02/25/83		0.030	0212	0.026
SVR DRYING	121	12 HOPPER	0849	0 03/01/83	<	0.010	0211	
SVR DRYING	121	12 HOPPER	0849	1 03/01/83		0.010	0211	0.004
SVR DRYING	121	12 HOPPER	0918	0 03/10/83		0.110	0220	
SVR DRYING	121	12 HOPPER	0918	1 03/10/83		0.070	0214	0.082
SVR DRYING	121	12 HOPPER	0926	0 03/11/83		0.010	0222	
SVR DRYING	121	12 HOPPER	0926	1 03/11/83	<	0.010	0201	0.009
SVR DRYING	121	12 HOPPER	0978	0 03/17/83		0.120	0210	
SVR DRYING	121	12 HOPPER	0978	1 03/17/83		0.100	0201	0.064

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AREA TWA SURVEY - PLANT515

PROCESS	BLDG	EQUIP	REC#	DATE	AIR CONC	SAMP TIME	8-HOUR T.W.A.
SVR CLARIFICATION	TK A 2 N	SOL MANF	1270 0	04/14/83	0.160	0215	
SVR CLARIFICATION	TK A 2 N	SOL MANF	1270 1	04/14/83	0.100	0215	0.116
SVR CLARIFICATION	TK A 2 N	SOL MANF	1281 0	04/15/83	0.150	0210	
SVR CLARIFICATION	TK A 2 N	SOL MANF	1281 1	04/15/83	0.050	0210	0.087
SVR CLARIFICATION	TK A 2 N	SOL MANF	1335 0	04/20/83	0.040	0210	
SVR CLARIFICATION	TK A 2 N	SOL MANF	1335 1	04/20/83	0.030	0210	0.031
SVR CLARIFICATION	TK A 2 N	SOL MANF	1343 0	04/21/83	0.050	0210	
SVR CLARIFICATION	TK A 2 N	SOL MANF	1343 1	04/21/83	0.030	0210	0.035
SVR CLARIFICATION	TK A 2 N	SOL MANF	1351 0	04/22/83	> 0.050	0215	
SVR CLARIFICATION	TK A 2 N	SOL MANF	1351 1	04/22/83	0.030	0205	> 0.035
SVR CLARIFICATION	TK A 2 N	SOL MANF	1382 0	04/27/83	0.020	0215	
SVR CLARIFICATION	TK A 2 N	SOL MANF	1382 1	04/27/83	0.010	0215	0.013
SVR CLARIFICATION	TK A 2 N	SOL MANF	1385 0	04/28/83	> 0.160	0216	
SVR CLARIFICATION	TK A 2 N	SOL MANI	1385 1	04/28/83	< 0.010	0209	> 0.072
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1041 0	03/28/83	0.030	0190	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1041 1	03/28/83	0.010	0210	0.016
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1054 0	03/30/83	0.030	0210	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1054 1	03/30/83	0.020	0210	0.022
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1083 0	03/31/83	< 0.010	0210	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1083 1	03/31/83	0.010	0210	0.004
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1269 0	04/14/83	0.170	0215	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1269 1	04/14/83	0.140	0215	0.139
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1386 0	04/28/83	0.010	0216	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1386 1	04/28/83	0.010	0209	0.009
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1280 0	04/15/83	0.170	0210	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1280 1	04/15/83	0.070	0210	0.105
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1334 0	04/20/83	0.040	0210	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1334 1	04/20/83	0.040	0210	0.035
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1342 0	04/21/83	0.070	0210	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1342 1	04/21/83	0.040	0210	0.048
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1349 0	04/22/83	0.060	0215	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1349 1	04/22/83	0.010	0215	0.031
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1381 0	04/27/83	0.020	0215	
SVR CLARIFICATION	TK A 2 N	VAR PUMP	1381 1	04/27/83	0.010	0215	0.013
SVR CLARIFICATION	TK A 2 TK	13074	1040 0	03/28/83	0.030	0194	
SVR CLARIFICATION	TK A 2 TK	13074	1040 1	03/28/83	0.010	0210	0.016
SVR CLARIFICATION	TK A 2 TK	13074	1053 0	03/29/83	0.020	0210	
SVR CLARIFICATION	TK A 2 TK	13074	1053 1	03/29/83	0.020	0210	0.017
SVR CLARIFICATION	TK A 2 TK	13074	1082 0	03/31/83	< 0.010	0210	
SVR CLARIFICATION	TK A 2 TK	13074	1082 1	03/31/83	< 0.010	0210	< 0.010
SVR CLARIFICATION	TK A 2 TK	13074	1266 0	04/14/83	0.140	0215	
SVR CLARIFICATION	TK A 2 TK	13074	1266 1	04/14/83	0.070	0215	0.094
SVR CLARIFICATION	TK A 2 TK	13074	1279 0	04/15/83	0.050	0210	
SVR CLARIFICATION	TK A 2 TK	13074	1279 1	04/15/83	0.110	0210	0.070
SVR CLARIFICATION	TK A 2 TK	13074	1333 0	04/20/83	0.050	0210	
SVR CLARIFICATION	TK A 2 TK	13074	1333 1	04/20/83	0.040	0210	0.039
SVR CLARIFICATION	TK A 2 TK	13074	1341 0	04/21/83	0.070	0210	
SVR CLARIFICATION	TK A 2 TK	13074	1341 1	04/21/83	0.040	0210	0.048
SVR CLARIFICATION	TK A 2 TK	13074	1350 0	04/22/83	0.090	0215	
SVR CLARIFICATION	TK A 2 TK	13074	1350 1	04/22/83	0.020	0215	0.049
SVR CLARIFICATION	TK A 2 TK	13074	1380 0	04/27/83	0.010	0215	
SVR CLARIFICATION	TK A 2 TK	13074	1380 1	04/27/83	0.010	0215	0.009
SVR CLARIFICATION	TK A 2 TK	13074	1387 0	04/28/83	0.010	0216	

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PROCESS	BLDG	EQUIP	REC#	DATE	AIR CONC	SAMP TIME	8-HOUR T.W.A.
SVR CLARIFICATION	122	W TAILS TK	1331 1	04/20/83	0.040	0210	0.035
SVR CLARIFICATION	122	W TAILS TK	1339 0	04/21/83	0.040	0210	
SVR CLARIFICATION	122	W TAILS TK	1339 1	04/21/83	0.040	0210	0.035
SVR CLARIFICATION	122	W TAILS TK	1347 0	04/22/83	0.030	0215	
SVR CLARIFICATION	122	W TAILS TK	1347 1	04/22/83	0.050	0215	0.036
SVR CLARIFICATION	122	W TAILS TK	1378 0	04/27/83	0.010	0215	
SVR CLARIFICATION	122	W TAILS TK	1378 1	04/27/83	0.010	0215	0.009
SVR CLARIFICATION	122	1 IONXER	1039 0	03/28/83	0.020	0197	
SVR CLARIFICATION	122	1 IONXER	1039 1	03/28/83	0.010	0210	0.013
SVR CLARIFICATION	122	1 IONXER	1052 0	03/29/83	0.020	0210	
SVR CLARIFICATION	122	1 IONXER	1052 1	03/29/83	0.040	0210	0.026
SVR CLARIFICATION	122	1 IONXER	1067 0	03/30/83	0.040	0210	
SVR CLARIFICATION	122	1 IONXER	1067 1	03/30/83	0.040	0210	0.035
SVR CLARIFICATION	122	1 IONXER	1081 0	03/31/83	< 0.010	0210	
SVR CLARIFICATION	122	1 IONXER	1081 1	03/31/83	< 0.010	0210	< 0.010
SVR CLARIFICATION	122	1 IONXER	1267 0	04/14/83	0.120	0215	
SVR CLARIFICATION	122	1 IONXER	1267 1	04/14/83	0.070	0215	0.085
SVR CLARIFICATION	122	1 IONXER	1278 0	04/15/83	0.070	0210	
SVR CLARIFICATION	122	1 IONXER	1278 1	04/15/83	0.030	0210	0.044
SVR CLARIFICATION	122	1 IONXER	1332 0	04/20/83	0.040	0210	
SVR CLARIFICATION	122	1 IONXER	1332 1	04/20/83	0.040	0210	0.035
SVR CLARIFICATION	122	1 IONXER	1340 0	04/21/83	0.040	0210	
SVR CLARIFICATION	122	1 IONXER	1340 1	04/21/83	0.050	0210	0.039
SVR CLARIFICATION	122	1 IONXER	1348 0	04/22/83	0.010	0215	
SVR CLARIFICATION	122	1 IONXER	1348 1	04/22/83	0.010	0215	0.009
SVR CLARIFICATION	122	1 IONXER	1379 0	04/27/83	0.010	0215	
SVR CLARIFICATION	122	1 IONXER	1379 1	04/27/83	0.010	0216	0.009
SVR CLARIFICATION	122	2 CLARIF	1035 0	03/28/83	0.020	0205	
SVR CLARIFICATION	122	2 CLARIF	1035 1	03/28/83	0.010	0210	0.013
SVR CLARIFICATION	122	2 CLARIF	1048 0	03/29/83	0.020	0210	
SVR CLARIFICATION	122	2 CLARIF	1048 1	03/29/83	0.030	0210	0.022
SVR CLARIFICATION	122	2 CLARIF	1063 0	03/30/83	0.040	0210	
SVR CLARIFICATION	122	2 CLARIF	1063 1	03/30/83	0.030	0210	0.031
SVR CLARIFICATION	122	2 CLARIF	1077 0	03/31/83	< 0.010	0210	
SVR CLARIFICATION	122	2 CLARIF	1077 1	03/31/83	< 0.010	0210	< 0.010
SVR CLARIFICATION	122	2 CLARIF	1263 0	04/14/83	0.120	0215	
SVR CLARIFICATION	122	2 CLARIF	1263 1	04/14/83	0.080	0215	0.090
SVR CLARIFICATION	122	2 CLARIF	1274 0	04/15/83	0.070	0210	
SVR CLARIFICATION	122	2 CLARIF	1274 1	04/15/83	0.090	0210	0.070
SVR CLARIFICATION	122	2 CLARIF	1328 0	04/20/83	0.040	0210	
SVR CLARIFICATION	122	2 CLARIF	1328 1	04/20/83	0.040	0210	0.035
SVR CLARIFICATION	122	2 CLARIF	1336 0	04/21/83	0.040	0210	
SVR CLARIFICATION	122	2 CLARIF	1336 1	04/21/83	0.040	0210	0.038
SVR CLARIFICATION	122	2 CLARIF	1344 0	04/22/83	0.020	0215	
SVR CLARIFICATION	122	2 CLARIF	1344 1	04/22/83	0.010	0215	0.013
SVR CLARIFICATION	122	2 CLARIF	1375 0	04/27/83	0.020	0215	
SVR CLARIFICATION	122	2 CLARIF	1375 1	04/27/83	0.010	0215	0.013
SVR CLARIFICATION	TK A 2	N SOL MANF	1042 0	03/28/83	0.040	0188	
SVR CLARIFICATION	TK A 2	N SOL MANF	1042 1	03/28/83	0.020	0210	0.024
SVR CLARIFICATION	TK A 2	N SOL MANF	1055 0	03/30/83	0.040	0210	
SVR CLARIFICATION	TK A 2	N SOL MANF	1055 1	03/30/83	0.040	0210	0.038
SVR CLARIFICATION	TK A 2	N SOL MANF	1084 0	03/31/83	0.010	0210	
SVR CLARIFICATION	TK A 2	N SOL MANF	1084 1	03/31/83	0.010	0210	0.009

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PROCESS	BLDG	EQUIP	REC#	DATE		AIR CONC	SAMP TIME	8-HOUR T.W.A.
SVR CLARIFICATION	122	CONT RM	1037	0 03/28/83		0.020	0201	
SVR CLARIFICATION	122	CONT RM	1037	1 03/28/83		0.020	0210	0.017
SVR CLARIFICATION	122	CONT RM	1050	0 03/29/83		0.020	0210	
SVR CLARIFICATION	122	CONT RM	1050	1 03/29/83		0.020	0210	0.017
SVR CLARIFICATION	122	CONT RM	1065	0 03/30/83		0.050	0210	
SVR CLARIFICATION	122	CONT RM	1065	1 03/30/83		0.070	0210	0.052
SVR CLARIFICATION	122	CONT RM	1265	0 04/14/83		0.130	0215	
SVR CLARIFICATION	122	CONT RM	1265	1 04/14/83		0.060	0215	0.085
SVR CLARIFICATION	122	CONT RM	1276	0 04/15/83		0.060	0210	
SVR CLARIFICATION	122	CONT RM	1276	1 04/15/83		0.020	0210	0.035
SVR CLARIFICATION	122	CONT RM	1330	0 04/20/83		0.040	0210	
SVR CLARIFICATION	122	CONT RM	1330	1 04/20/83		0.040	0210	0.035
SVR CLARIFICATION	122	CONT RM	1338	0 04/21/83		0.040	0210	
SVR CLARIFICATION	122	CONT RM	1338	1 04/21/83		0.040	0210	0.035
SVR CLARIFICATION	122	CONT RM	1346	0 04/22/83		0.010	0215	
SVR CLARIFICATION	122	CONT RM	1346	1 04/22/83		0.010	0215	0.009
SVR CLARIFICATION	122	CONT RM	1377	0 04/27/83		0.010	0215	
SVR CLARIFICATION	122	CONT RM	1377	1 04/27/83	<	0.010	0215	0.004
SVR CLARIFICATION	122	EAST PANEL	1036	0 03/28/83	>	0.030	0201	
SVR CLARIFICATION	122	EAST PANEL	1036	1 03/28/83	>	0.010	0210	> 0.017
SVR CLARIFICATION	122	EAST PANEL	1049	0 03/29/83		0.020	0210	
SVR CLARIFICATION	122	EAST PANEL	1049	1 03/29/83		0.020	0210	0.017
SVR CLARIFICATION	122	EAST PANEL	1064	0 03/30/83		0.040	0210	
SVR CLARIFICATION	122	EAST PANEL	1064	1 03/30/83		0.060	0210	0.044
SVR CLARIFICATION	122	EAST PANEL	1076	0 03/31/83	<	0.010	0210	
SVR CLARIFICATION	122	EAST PANEL	1076	1 03/31/83	<	0.010	0210	< 0.010
SVR CLARIFICATION	122	EAST PANEL	1078	0 03/31/83	<	0.010	0210	
SVR CLARIFICATION	122	EAST PANEL	1078	1 03/31/83	<	0.010	0210	< 0.010
SVR CLARIFICATION	122	EAST PANEL	1264	0 04/14/83	<	0.010	0215	
SVR CLARIFICATION	122	EAST PANEL	1264	1 04/14/83	<	0.010	0215	0.004
SVR CLARIFICATION	122	EAST PANEL	1329	0 04/20/83		0.030	0210	
SVR CLARIFICATION	122	EAST PANEL	1329	1 04/20/83		0.010	0210	0.017
SVR CLARIFICATION	122	EAST PANEL	1337	0 04/21/83		0.050	0210	
SVR CLARIFICATION	122	EAST PANEL	1337	1 04/21/83		0.040	0210	0.039
SVR CLARIFICATION	122	EAST PANEL	1345	0 04/22/83		0.020	0215	
SVR CLARIFICATION	122	EAST PANEL	1345	1 04/22/83		0.010	0215	0.013
SVR CLARIFICATION	122	EAST PANEL	1376	0 04/27/83		0.020	0215	
SVR CLARIFICATION	122	EAST PANEL	1376	1 04/27/83		0.020	0215	0.016
SVR CLARIFICATION	122	EAST PANEL	1388	0 04/28/83		0.020	0216	
SVR CLARIFICATION	122	EAST PANEL	1388	1 04/28/83		0.010	0209	0.013
SVR CLARIFICATION	122	W TAILS TK	1038	0 03/28/83		0.030	0200	
SVR CLARIFICATION	122	W TAILS TK	1038	1 03/28/83		0.010	0210	0.017
SVR CLARIFICATION	122	W TAILS TK	1051	0 03/29/83		0.020	0210	
SVR CLARIFICATION	122	W TAILS TK	1051	1 03/29/83		0.030	0210	0.022
SVR CLARIFICATION	122	W TAILS TK	1066	0 03/30/83		0.050	0210	
SVR CLARIFICATION	122	W TAILS TK	1066	1 03/30/83		0.040	0210	0.039
SVR CLARIFICATION	122	W TAILS TK	1080	0 03/31/83	<	0.010	0210	
SVR CLARIFICATION	122	W TAILS TK	1080	1 03/31/83		0.010	0210	0.004
SVR CLARIFICATION	122	W TAILS TK	1266	0 04/14/83		0.120	0216	
SVR CLARIFICATION	122	W TAILS TK	1266	1 04/14/83		0.080	0215	0.090
SVR CLARIFICATION	122	W TAILS TK	1277	0 04/15/83	<	0.120	0210	
SVR CLARIFICATION	122	W TAILS TK	1277	1 04/15/83		0.030	0210	0.066
SVR CLARIFICATION	122	W TAILS TK	1331	0 04/20/83	<	0.040	0210	

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A START JOB 3345 RSCS3345 0001 0001 AFCHIM1 ROOM 3005 1.01.12 PM 02 JUN 83 R11.PR1 SYS 368X START A

VCL Deregulation Monitoring.

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SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
1243	04/13/83	SVR DRYING	121	LABORER	.02	PPM
1428	05/04/83	SVR DRYING	121	LABORER	.18	PPM
1464	05/05/83	SVR DRYING	121	LABORER	.04	PPM
1668	06/14/83	SVR DRYING	121	LABORER	.02	PPM
1669	06/14/83				.01	PPM
0755	02/14/83	SVR DRYING	123	UTLTY OP	.01	PPM

TOTAL NUMBER OF ITEMS RETRIEVED 242

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD = JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
1325	04/19/83	SVR DRYING	121	L RIGGER	.02	PPM
0010	09/02/82	SVR DRYING	121	LABORER	.03	PPM
0011	09/02/82				.02	PPM
0012	09/02/82				.02	PPM
0130	10/08/82	SVR DRYING	121	LABORER	< .01	PPM
0131	10/08/82		123		< .01	PPM
0132	10/08/82				< .01	PPM
0308	11/05/82	SVR DRYING	121	LABORER	.04	PPM
0309	11/05/82				.05	PPM
0652	01/26/83	SVR DRYING	121	LABORER	.06	PPM
0653	01/26/83				.04	PPM
0739	02/09/83	SVR DRYING	121	LABORER	< .01	PPM
0740	02/09/83				< .01	PPM
0941	03/14/83	SVR DRYING	121	LABORER	.08	PPM
0965	03/16/83	SVR DRYING	121	LABORER	.01	PPM
1118	04/08/83	SVR DRYING	121	LABORER	.02	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE		JOB TITLE		8-HOUR T.W.A. CONC.	
0703	02/07/83	SVR DRYING	121		UTLTY OP		.02	PPM
0769	02/15/83	SVR DRYING	121		UTLTY OP		.02	PPM
0796	02/22/83	SVR DRYING	121		UTLTY OP	<	.01	PPM
0797	02/22/83						.01	PPM
0870	03/04/83	SVR DRYING	121	WEST	UTLTY OP		.03	PPM
0873	03/07/83	SVR DRYING	121	WEST	UTLTY OP	<	.01	PPM
0875	03/07/83			EAST		<	.01	PPM
0949	03/15/83	SVR DRYING	121		UTLTY OP		.03	PPM
0993	03/21/83	SVR DRYING	121		UTLTY OP		.05	PPM
1119	04/08/83	SVR DRYING	121		UTLTY OP		.02	PPM
1731	06/21/83	SVR DRYING	121		UTLTY OP		.14	PPM
0641	01/25/83	SVR DRYING	121		RIGGER		.02	PPM
0644	01/25/83						.03	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.
0138	10/11/82	SVR DRYING	121	UTLTY OP	.01 PPM
0172	10/21/82	SVR DRYING	121	UTLTY OP	.04 PPM
0290	11/01/82	SVR DRYING	121	UTLTY OP <	.01 PPM
0314	11/08/82	SVR DRYING	121	UTLTY OP <	.01 PPM
0355	11/15/82	SVR DRYING	121	UTLTY OP	.07 PPM
0366	11/17/82	SVR DRYING	121	UTLTY OP	.05 PPM
0376	11/22/82	SVR DRYING	121	UTLTY OP	.01 PPM
0377	11/22/82			<	.01 PPM
0510	01/04/83	SVR DRYING	121	UTLTY OP <	.01 PPM
0542	01/10/83	SVR DRYING	121	UTLTY OP <	.01 PPM
0546	01/10/83				.01 PPM
0631	01/24/83	SVR DRYING	121	UTLTY OP	.06 PPM
0670	02/02/83	SVR DRYING	121	UTLTY OP <	.05 PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING LOPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
1763	06/20/83	SVR DRYING	121 EAST	DRYER OP	.11	PPM
0662	02/01/83	SVR DRYING	121 EAST	CONRM OP	.05	PPM
0674	02/02/83	SVR DRYING	121 WEST	CONRM OP <	.01	PPM
0795	02/22/83	SVR DRYING	121 WEST	CONRM OP	.01	PPM
9758	08/17/82	SVR DRYING	121	UTLTY OP	.03	PPM
9804	08/30/82	SVR DRYING	121	UTLTY OP	.03	PPM
0023	09/07/82	SVR DRYING	121	UTLTY OP	.03	PPM
0026	09/08/82	SVR DRYING	121	UTLTY OP <	.01	PPM
0044	09/13/82	SVR DRYING	121	UTLTY OP	.00	PPM
0057	09/28/82	SVR DRYING	121	UTLTY OP	.01	PPM
0115	10/06/82	SVR DRYING	121	UTLTY OP <	.01	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING OR ZONE	LOCT	JOB TITLE	8-HOUR T.W.A. CONC.
1478	05/10/83	SVR DRYING	121	EAST	DRYER OP	.01 PPM
1483	05/10/83			WEST		.12 PPM
1524	05/16/83	SVR DRYING	121	EAST	DRYER OP	.03 PPM
1535	05/17/83	SVR DRYING	121	WEST	DRYER OP <	.01 PPM
1567	05/23/83	SVR DRYING	121	WEST	DRYER OP <	.01 PPM
1569	05/23/83			WEST		.01 PPM
1577	05/24/83	SVR DRYING	121	EAST	DRYER OP	.09 PPM
1632	06/06/83	SVR DRYING	121	WEST	DRYER OP	.07 PPM
1669	06/13/83	SVR DRYING	121	WEST	DRYER OP	.03 PPM
1670	06/13/83			WEST		.04 PPM
1684	06/14/83	SVR DRYING	121	WEST	DRYER OP	.08 PPM
1743	06/23/83	SVR DRYING	121		DRYER OP <	.01 PPM
1752	06/27/83	SVR DRYING	121	WEST	DRYER OP	.11 PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
1004	03/28/83	SVR DRYING	121 WEST	DRYER OP	.09	PPM
1095	04/07/83	SVR DRYING	121 WEST	DRYER OP	.04	PPM
1097	04/07/83		EAST		.03	PPM
1098	04/07/83		EAST		.03	PPM
1131	04/11/83	SVR DRYING	121 EAST	DRYER OP <	.01	PPM
1315	04/18/83	SVR DRYING	121 WEST	DRYER OP	.04	PPM
1324	04/19/83	SVR DRYING	121 EAST	DRYER OP	.05	PPM
1363	04/25/83	SVR DRYING	121 EAST	DRYER OP	.02	PPM
1365	04/25/83		WEST		.03	PPM
1367	04/26/83	SVR DRYING	121 WEST	DRYER OP	.04	PPM
1407	05/02/83	SVR DRYING	121 EAST	DRYER OP	.05	PPM
1416	05/03/83	SVR DRYING	121 EAST	DRYER OP	.12	PPM
1418	05/03/83		WEST	<	.01	PPM
1471	05/06/83	SVR DRYING	121 WEST	DRYER OP	.18	PPM
1473	05/06/83		EAST	<	.01	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
0639	01/25/83	SVR DRYING	121	DRYER OP <	.01	PPM
0663	02/01/83	SVR DRYING	121 WEST	DRYER OP	.22	PPM
0664	02/01/83		EAST		.06	PPM
0701	02/07/83	SVR DRYING	121 WEST	DRYER OP	.02	PPM
0702	02/07/83		WEST	<	.01	PPM
0718	02/08/83	SVR DRYING	121 EAST	DRYER OP	.10	PPM
0756	02/14/83	SVR DRYING	121 EAST	DRYER OP	.01	PPM
0757	02/14/83		WEST		.01	PPM
0758	02/14/83		EAST		.01	PPM
0794	02/22/83	SVR DRYING	121 EAST	DRYER OP <	.01	PPM
0860	03/03/83	SVR DRYING	121 EAST	DRYER OP	.02	PPM
0950	03/15/83	SVR DRYING	121 WEST	DRYER OP	.03	PPM
0951	03/15/83		WEST		.02	PPM
0964	03/15/83	SVR DRYING	121 WEST	DRYER OP	.01	PPM
0992	03/21/83	SVR DRYING	121 EAST	DRYER OP	.02	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
0173	10/21/82	SVR DRYING	121 EAST	DRYER OP	.05	PPM
0174	10/21/82		EAST		.04	PPM
0289	10/22/82	SVR DRYING	121 WEST	DRYER OP	.01	PPM
0288	11/01/82	SVR DRYING	121 EAST	DRYER OP <	.01	PPM
0289	11/01/82		WEST	<	.01	PPM
0300	11/03/82	SVR DRYING	121 WEST	DRYER OP	.01	PPM
0313	11/08/82	SVR DRYING	121 WEST	DRYER OP	.08	PPM
0348	11/15/82	SVR DRYING	121 EAST	DRYER OP	.14	PPM
0349	11/15/82		WEST		.01	PPM
0506	01/04/83	SVR DRYING	121	DRYER OP <	.01	PPM
0511	01/04/83		EAST	<	.01	PPM
0541	01/10/83	SVR DRYING	121 WEST	DRYER OP <	.01	PPM
0543	01/10/83		EAST	<	.01	PPM
0558	01/12/83	SVR DRYING	121 WEST	DRYER OP <	.01	PPM
0559	01/12/83		EAST	<	.01	PPM
0583	01/17/83	SVR DRYING	121 WEST	DRYER OP <	.01	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
9762	08/18/82	SVR DRYING	121 EAST	DRYER OP	.32	PPM
9779	08/25/82	SVR DRYING	121 EAST	DRYER OP <	.67	PPM
9780	08/25/82		EAST		.21	PPM
9781	08/25/82		WEST		.90	PPM
9803	08/30/82	SVR DRYING	121 EAST	DRYER OP	.15	PPM
9805	08/30/82		WEST		.14	PPM
0021	09/07/82	SVR DRYING	121 EAST	DRYER OP	.17	PPM
0022	09/07/82		WEST		.33	PPM
0042	09/13/82	SVR DRYING	121 EAST	DRYER OP	.08	PPM
0043	09/13/82		WEST		.09	PPM
0056	09/20/82	SVR DRYING	121 EAST	DRYER OP	.02	PPM
0057	09/20/82		WEST		.02	PPM
0089	09/27/82	SVR DRYING	121 EAST	DRYER OP	.01	PPM
0090	09/27/82		WEST		.13	PPM
0113	10/04/82	SVR DRYING	121 EAST	DRYER OP <	.01	PPM
0114	10/04/82		WEST		.01	PPM
0134	10/11/82	SVR DRYING	121 EAST	DRYER OP <	.01	PPM
0135	10/11/82		WEST		.01	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
0938	03/14/83	SVR DRYING	121 MACH SHOP	MACHINST	.06	PPM
1122	04/08/83	SVR DRYING	121	MACHINST	.06	PPM
1123	04/08/83				.02	PPM
1125	04/08/83				.07	PPM
1433	05/04/83	SVR DRYING	121	MACHINST	.02	PPM
1440	05/04/83				.22	PPM
1653	06/07/83	SVR DRYING	121	MACHINST	.05	PPM
1634	06/06/83	SVR DRYING	121 EAST	OPERATOR	.05	PPM
0874	03/07/83	SVR DRYING	121	CHIEF OP <	.01	PPM
1732	06/21/83	SVR DRYING	121	CHIEF OP	.06	PPM
0865	03/08/83	SVR DRYING	121 WEST	DIST OP	.03	PPM
9756	08/17/82	SVR DRYING	121 EAST	DRYER OP	.03	PPM
9757	08/17/82		WEST		.03	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
1162	04/12/83	SVR DRYING	121	PIPEFTR	.06	PPM
1425	05/03/83	SVR DRYING	121	PIPEFTR <	.01	PPM
1658	06/07/83	SVR DRYING	121	PIPEFTR	.03	PPM
1659	06/07/83				.04	PPM
0083	09/24/82	SVR DRYING	121	MACHINST	.03	PPM
0084	09/24/82				.02	PPM
0085	09/24/82				.03	PPM
0086	09/24/82				.03	PPM
0125	10/07/82	SVR DRYING	121	MACHINST <	.01	PPM
0326	11/10/82	SVR DRYING	121	MACHINST	.03	PPM
0327	11/10/82		MACH SHOP		.11	PPM
0328	11/10/82		MACH SHOP		.10	PPM
0645	01/25/83	SVR DRYING	121	MACHINST <	.01	PPM
0726	02/08/83	SVR DRYING	121	MACHINST	.04	PPM
0728	02/08/83				.06	PPM
0729	02/08/83				.01	PPM
0817	02/22/83	SVR DRYING	121	MACHINST	.04	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
0903	03/09/83	SVR DRYING	121	PRD ENGR	< .01	PPM
1705	06/15/83	SVR DRYING	121	PRD ENGR	.09	PPM
9782	06/25/82	SVR DRYING	121	HITS	.16	PPM
0061	09/23/82	SVR DRYING	121	PIPEFTR	.02	PPM
0062	09/23/82				.02	PPM
0306	11/04/82	SVR DRYING	121	PIPEFTR	< .01	PPM
0570	01/13/83	SVR DRYING	121	PIPEFTR	.01	PPM
0661	02/02/83	SVR DRYING	121	PIPEFTR	< .01	PPM
0662	02/02/83				< .01	PPM
0945	03/14/83	SVR DRYING	121	PIPEFTR	.07	PPM
0946	03/14/83				.08	PPM
1117	04/08/83	SVR DRYING	121	PIPEFTR	.13	PPM
1118	04/08/83		EAST		.02	PPM
1181	04/12/83	SVR DRYING	121	PIPEFTR	.04	PPM

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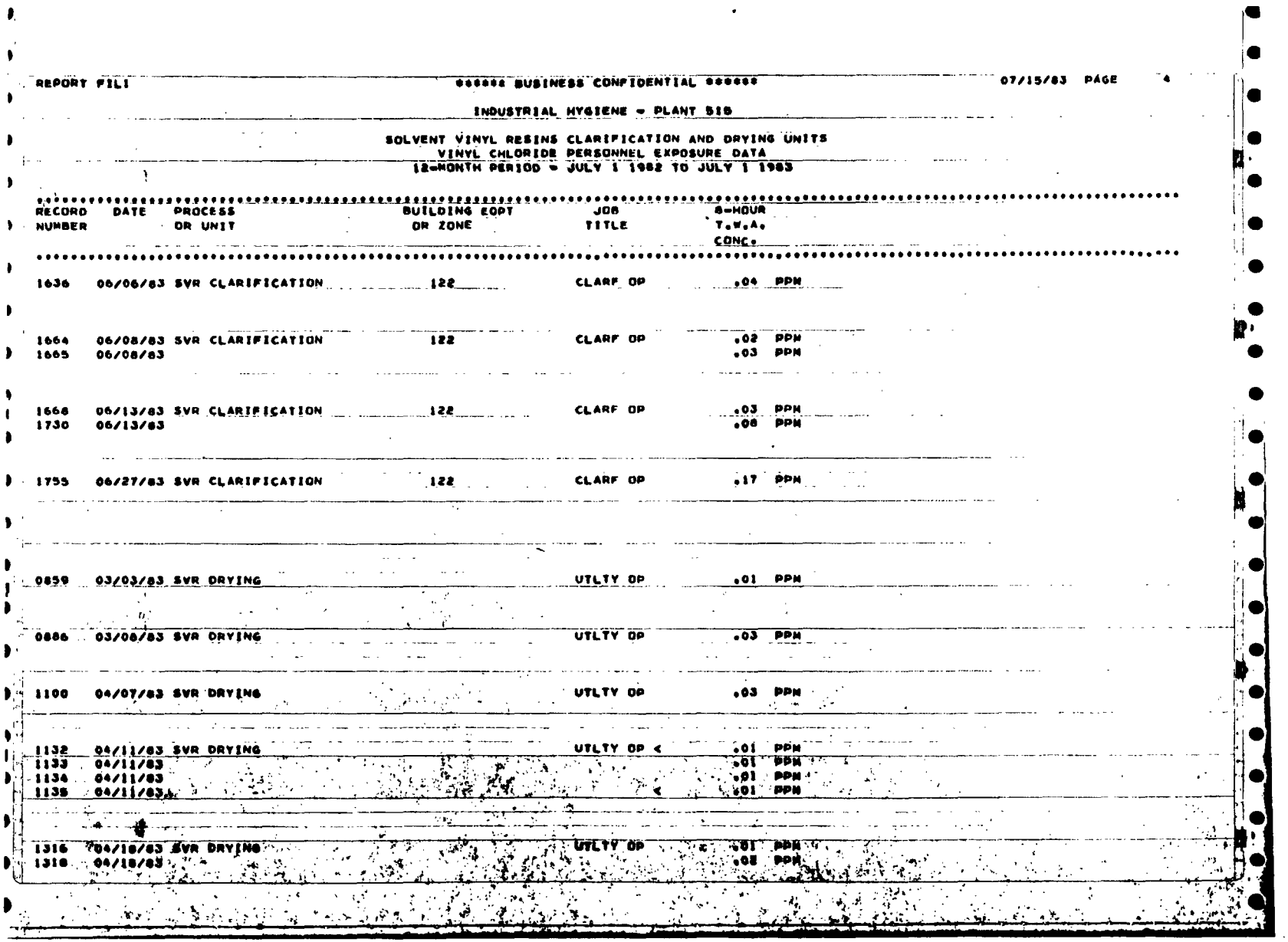
SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
1366	04/25/83	SVR DRYING		UTLTY OP	.03	PPM
1364	04/26/83	SVR DRYING		UTLTY OP	.07	PPM
1406	05/02/83	SVR DRYING		UTLTY OP	.02	PPM
1415	05/03/83	SVR DRYING		UTLTY OP	.06	PPM
1472	05/09/83	SVR DRYING		UTLTY OP	.18	PPM
1525	05/16/83	SVR DRYING		UTLTY OP	.03	PPM
1605	05/27/83	SVR DRYING		UTLTY OP	.07	PPM
1633	06/06/83	SVR DRYING		UTLTY OP	.06	PPM
1663	06/08/83	SVR DRYING		UTLTY OP	.02	PPM
1671	06/13/83	SVR DRYING		UTLTY OP	.03	PPM
1754	06/21/83	SVR DRYING		UTLTY OP	.15	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.
1636	06/06/83	SVR CLARIFICATION	122	CLARF OP	.04 PPM
1664	06/08/83	SVR CLARIFICATION	122	CLARF OP	.02 PPM
1665	06/08/83				.03 PPM
1668	06/13/83	SVR CLARIFICATION	122	CLARF OP	.03 PPM
1730	06/13/83				.08 PPM
1755	06/27/83	SVR CLARIFICATION	122	CLARF OP	.17 PPM
0859	03/03/83	SVR DRYING		UTLTY OP	.01 PPM
0886	03/08/83	SVR DRYING		UTLTY OP	.03 PPM
1100	04/07/83	SVR DRYING		UTLTY OP	.03 PPM
1132	04/11/83	SVR DRYING		UTLTY OP <	.01 PPM
1133	04/11/83				.01 PPM
1134	04/11/83				.01 PPM
1135	04/11/83			<	.01 PPM
1316	04/18/83	SVR DRYING		UTLTY OP <	.01 PPM
1318	04/18/83				.02 PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
0869	03/03/83	SVR CLARIFICATION	122	CLARF OP	.02	PPM
0882	03/08/83	SVR CLARIFICATION	122	CLARF OP	.02	PPM
0883	03/08/83				.03	PPM
0952	03/15/83	SVR CLARIFICATION	122	CLARF OP	.02	PPM
0953	03/15/83				.02	PPM
0994	03/21/83	SVR CLARIFICATION	122	CLARF OP <	.01	PPM
1099	04/07/83	SVR CLARIFICATION	122	CLARF OP	.07	PPM
1130	04/11/83	SVR CLARIFICATION	122	CLARF OP <	.01	PPM
1317	04/18/83	SVR CLARIFICATION	122	CLARF OP	.01	PPM
1408	04/22/83	SVR CLARIFICATION	122	CLARF OP	.03	PPM
1479	05/10/83	SVR CLARIFICATION	122	CLARF OP	.16	PPM
1570	05/23/83	SVR CLARIFICATION	122	CLARF OP	.01	PPM
1635	05/05/83	SVR CLARIFICATION	122	CLARF OP	.05	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
12-MONTH PERIOD - JULY 1 1982 TO JULY 1 1983

RECORD NUMBER	DATE	PROCESS OR UNIT	BUILDING EQPT OR ZONE	JOB TITLE	8-HOUR T.W.A. CONC.	
0356	11/15/82	SVR CLARIFICATION	122	CLARF OP	.06	PPM
0367	11/17/82	SVR CLARIFICATION	122	CLARF OP	.04	PPM
0486	12/20/82	SVR CLARIFICATION	122	CLARF OP <	.01	PPM
0507	01/04/83	SVR CLARIFICATION	122	CLARF OP <	.01	PPM
0517	01/05/83	SVR CLARIFICATION	122	CLARF OP	.02	PPM
0544	01/10/83	SVR CLARIFICATION	122	CLARF OP	.01	PPM
0633	01/26/83	SVR CLARIFICATION	122	CLARF OP	.03	PPM
0665	02/01/83	SVR CLARIFICATION	122	CLARF OP <	.01	PPM
0704	02/07/83	SVR CLARIFICATION	122	CLARF OP	.02	PPM
0760	02/14/83	SVR CLARIFICATION	122	CLARF OP <	.01	PPM
0816	02/23/83	SVR CLARIFICATION	122	CLARF OP	.04	PPM

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INDUSTRIAL HYGIENE - PLANT 515

SOLVENT VINYL RESINS CLARIFICATION AND DRYING UNITS
VINYL CHLORIDE PERSONNEL EXPOSURE DATA
PERIOD = JULY 1 1982 TO JULY 1 1983

7/15
Dereg Data

RECORD NUMBER	DATE	PROCE OR UN		OPT	JOB TITLE	8-HOUR T.W.A. CONC.
9759	08/17/82	SVR CL			CLARF OP	.03 PPM
9789	08/26/82	SVR CL		4	CLARF OP	.07 PPM
9806	08/30/82	SVR CLA			CLARF OP	.03 PPM
0024	09/07/82	SVR CLARIFICATION	122		CLARF OP	.04 PPM
0045	09/13/82	SVR CLARIFICATION	122		CLARF OP	.07 PPM
0058	09/20/82	SVR CLARIFICATION	122		CLARF OP	.04 PPM
0091	09/27/82	SVR CLARIFICATION	122		CLARF OP	.01 PPM
0092	09/27/82				<	.01 PPM
0139	10/11/82	SVR CLARIFICATION	122		CLARF OP <	.01 PPM
0175	10/21/82	SVR CLARIFICATION	122		CLARF OP	.01 PPM
0291	11/01/82	SVR CLARIFICATION	122		CLARF OP <	.01 PPM
0315	11/08/82	SVR CLARIFICATION	122		CLARF OP <	.01 PPM

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VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR SCRAP RECOVERY

BLDG. 120

JOB TITLE	8-HOUR T.W.A. CONC.	TWA >0.50	TWA >1.0
		000002	000000

FINAL TOTAL

TOTAL NUMBER OF ITEMS RETRIEVED 241

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VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR SCRAP RECOVERY

BLDG. 120

JOB TITLE	8-HOUR TWA >.50 CONC.	TWA >1.0
TOTAL BY PROCESS	000000	000000
COUNT BY PROCESS	12	

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VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR SCRAP RECOVERY

BLDG. 120

JOB TITLE		8-HOUR T.W.A. CONC.	TWA >.50	TWA >1.0
TOTAL BY JOB CLAS	REACT OP	000000	000000	
MAXIMUM BY JOB CLAS	REACT OP	.03		
MINIMUM BY JOB CLAS	REACT OP	.03		
AVERAGE BY JOB CLAS	REACT OP	.03		
COUNT BY JOB CLAS 1	REACT OP			
TOTAL BY JOB CLAS	RECVY OP	000000	000000	
MAXIMUM BY JOB CLAS	RECVY OP	.11		
MINIMUM BY JOB CLAS	RECVY OP	.01		
AVERAGE BY JOB CLAS	RECVY OP	.02		
COUNT BY JOB CLAS 11	RECVY OP			
TOTAL BY WPL BLDG		000000	000000	
COUNT BY WPL BLDG 12				

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VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR DRYING

BLDG. 121

JOB TITLE	8-HOUR T.W.A. CONC.	TWA >.50	TWA >1.0
TOTAL BY PROCESS	164	000002	000000
COUNT BY PROCESS			

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VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR DRYING — BLDG. 121

	JOB TITLE	8-HOUR TWA >.50	TWA >1.0
AVERAGE BY JOB CLAS	UTLTY UP	.02	
COUNT BY JOB CLAS 42	UTLTY OP		
TOTAL BY JOB CLAS	RIGGER	.000000	.000000
MAXIMUM BY JOB CLAS	RIGGER	.01	
MINIMUM BY JOB CLAS	RIGGER	.01	
AVERAGE BY JOB CLAS	RIGGER	.01	
COUNT BY JOB CLAS 4	RIGGER	.01	
TOTAL BY JOB CLAS	BOILRMK	.000000	.000000
MAXIMUM BY JOB CLAS	BOILRMK	.01	
MINIMUM BY JOB CLAS	BOILRMK	.01	
AVERAGE BY JOB CLAS	BOILRMK	.01	
COUNT BY JOB CLAS 2	BOILRMK		
TOTAL BY JOB CLAS	OILER	.000000	.000000
MAXIMUM BY JOB CLAS	OILER	.01	
MINIMUM BY JOB CLAS	OILER	.01	
AVERAGE BY JOB CLAS	OILER	.01	
COUNT BY JOB CLAS 1	OILER		
TOTAL BY JOB CLAS	LABORER	.000000	.000000
MAXIMUM BY JOB CLAS	LABORER	.11	
MINIMUM BY JOB CLAS	LABORER	.01	
AVERAGE BY JOB CLAS	LABORER	.03	
COUNT BY JOB CLAS 14	LABORER		
TOTAL BY WPL BLDG		.000002	.000000
COUNT BY WPL BLDG 184			

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VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR DRYING

BLDG. 121

JOB TITLE		8-HOUR T.W.A. CONC.	TWA >.50	TWA >1.0
TOTAL BY JOB CLAS	ELECTRCN		000000	000000
MAXIMUM BY JOB CLAS	ELECTRCN	.01		
MINIMUM BY JOB CLAS	ELECTRCN	.01		
AVERAGE BY JOB CLAS	ELECTRCN	.01		
COUNT BY JOB CLAS 1	ELECTRCN			
TOTAL BY JOB CLAS	HITS		000000	000000
MAXIMUM BY JOB CLAS	HITS	.16		
MINIMUM BY JOB CLAS	HITS	.16		
AVERAGE BY JOB CLAS	HITS	.16		
COUNT BY JOB CLAS 1	HITS			
TOTAL BY JOB CLAS	PIPEFTR		000000	000000
MAXIMUM BY JOB CLAS	PIPEFTR	.05		
MINIMUM BY JOB CLAS	PIPEFTR	.01		
AVERAGE BY JOB CLAS	PIPEFTR	.02		
COUNT BY JOB CLAS 11	PIPEFTR			
TOTAL BY JOB CLAS	MACHINST		000000	000000
MAXIMUM BY JOB CLAS	MACHINST	.11		
MINIMUM BY JOB CLAS	MACHINST	.01		
AVERAGE BY JOB CLAS	MACHINST	.03		
COUNT BY JOB CLAS 17	MACHINST			
TOTAL BY JOB CLAS	CHIEF OP		000000	000000
MAXIMUM BY JOB CLAS	CHIEF OP	.06		
MINIMUM BY JOB CLAS	CHIEF OP	.01		
AVERAGE BY JOB CLAS	CHIEF OP	.01		
COUNT BY JOB CLAS 19	CHIEF OP			
TOTAL BY JOB CLAS	DRYER OP		000002	000000
MAXIMUM BY JOB CLAS	DRYER OP	.90		
MINIMUM BY JOB CLAS	DRYER OP	.01		
AVERAGE BY JOB CLAS	DRYER OP	.07		
COUNT BY JOB CLAS 72	DRYER OP			
TOTAL BY JOB CLAS	UTLTY OP		000000	000000
MAXIMUM BY JOB CLAS	UTLTY OP	.14		
MINIMUM BY JOB CLAS	UTLTY OP	.01		

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VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR CLARIFICATION

BLDG. 122

JOB TITLE	8-HOUR TWA, CONC.	TWA >50	TWA >1.0
TOTAL BY PROCESS		000000	000000
COUNT BY PROCESS	45		

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(Dereg. Data

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VINYL CHLORIDE SUMMARY
1982
PROCESS: SVR CLARIFICATION
BLDG. 122

JOB TITLE	8-HOUR T.W.A. CONC.	TWA >.50	TWA >1.0
PIPEFTR		000000	000000
PIPEFTR	.01		
PIPEFTR	.01		
PIPEFTR	.01		
PIPEFTR			
MACHINST		000000	000000
MACHINST	.01		
MACHINST	.01		
MACHINST	.01		
MACHINST			
CLARF OP		000000	000000
CLARF OP	.12		
CLARF OP	.01		
CLARF OP	.03		
CLARF OP			
LABORER		000000	000000
LABORER	.01		
LABORER	.01		
LABORER	.01		
LABORER			
L LABRER		000000	000000
L LABRER	.01		
L LABRER	.01		
L LABRER	.01		
L LABRER			

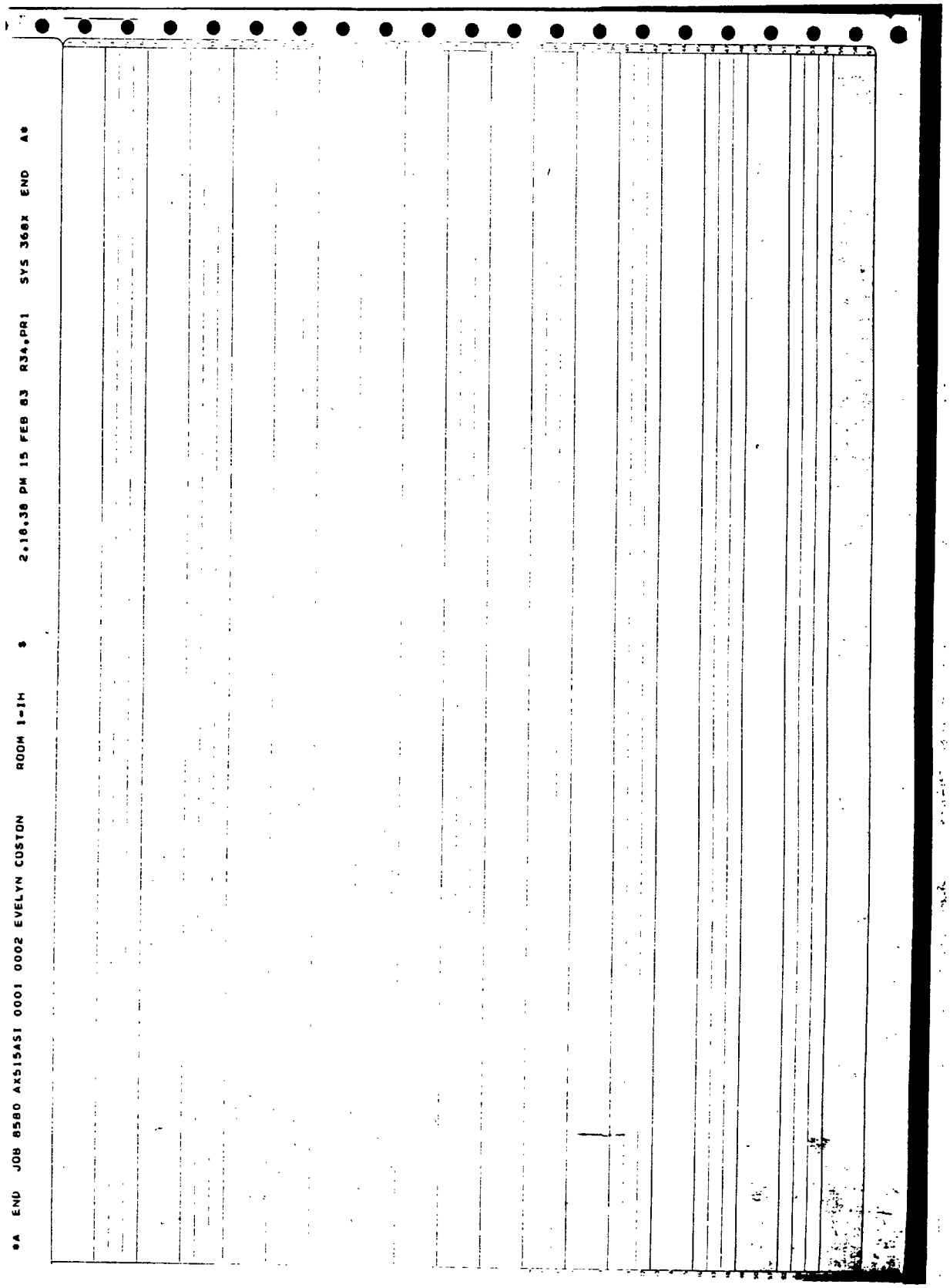
TOTAL BY JOB CLAS
MAXIMUM BY JOB CLAS
MINIMUM BY JOB CLAS
AVERAGE BY JOB CLAS
COUNT BY JOB CLAS *

TOTAL BY JOB CLAS
MAXIMUM BY JOB CLAS
MINIMUM BY JOB CLAS
AVERAGE BY JOB CLAS
COUNT BY JOB CLAS 1

TOTAL BY WPL BLDG 000000 000000
COUNT BY WPL BLDG 45

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*A END JOB 8580 AX515ASI 0001 0002 EVELYN COSTON ROOM 1-1H $ 2.10.38 PM 15 FEB 83 R34.PR1 SYS 368X END A0

UCTC 20940

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VINYL CHLORIDE SUMMARY

1982

PROCESS SVR SCRAP RECOVERY

BLDG. 120

JOB

TITLE

8-HOUR TWA >.50 000002

T.W.A. TWA >1.0 000000

CONC.

FINAL TOTAL

TOTAL NUMBER OF ITEMS RETRIEVED 241

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REPORT C030 INDUSTRIAL HYGIENE - PLANT 515 02/15/83 PAGE 7

VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR SCRAP RECOVERY

BLDG. 120

JOB TITLE	8-HOUR T.W.A. CONC.	TWA >.50	TWA >1.0
TOTAL BY PROCESS	000000	000000	
COUNT BY PROCESS 12			

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REPORT C030 — INDUSTRIAL HYGIENE - PLANT 515 — 02/15/83 PAGE 6

VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR SCRAP RECOVERY

BLDG. 120

		JOB TITLE	8-HOUR T.W.A. CONC.	TWA >.50	TWA >1.0
TOTAL BY JOB CLAS		REACT OP		000000	000000
MAXIMUM BY JOB CLAS		REACT OP	.03		
MINIMUM BY JOB CLAS		REACT OP	.03		
AVERAGE BY JOB CLAS		REACT OP	.03		
COUNT BY JOB CLAS	1	REACT OP			
TOTAL BY JOB CLAS		RECVY OP		000000	000000
MAXIMUM BY JOB CLAS		RECVY OP	.11		
MINIMUM BY JOB CLAS		RECVY OP	.01		
AVERAGE BY JOB CLAS		RECVY OP	.02		
COUNT BY JOB CLAS	11	RECVY OP			
TOTAL BY #PL BLDG				000000	000000
COUNT BY #PL BLDG	12				

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REPORT C030 INDUSTRIAL HYGIENE - PLANT 515 02/15/83 PAGE 5

VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR DRYING

BLDG. 121

JOB TITLE	8-HOUR T.W.A. CONC.	TWA >.50	TWA >1.0
TOTAL BY PROCESS		000002	000000
COUNT BY PROCESS	184		

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REPORT C030 — INDUSTRIAL HYGIENE - PLANT 515 — 02/15/83 PAGE 4

VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR DRYING

BLDG. 121

JOB TITLE		8-HOUR TWA >.50	T.W.A. CONC. TWA >1.0
AVERAGE BY JOB CLAS	UTLTY OP	.02	
COUNT BY JOB CLAS 42	UTLTY OP		
TOTAL BY JOB CLAS	RIGGER	000000	000000
MAXIMUM BY JOB CLAS	RIGGER	.01	
MINIMUM BY JOB CLAS	RIGGER	.01	
AVERAGE BY JOB CLAS	RIGGER	.01	
COUNT BY JOB CLAS 4	RIGGER	.01	
TOTAL BY JOB CLAS	BOILRMK	000000	000000
MAXIMUM BY JOB CLAS	BOILRMK	.01	
MINIMUM BY JOB CLAS	BOILRMK	.01	
AVERAGE BY JOB CLAS	BOILRMK	.01	
COUNT BY JOB CLAS 2	BOILRMK		
TOTAL BY JOB CLAS	OILER	000000	000000
MAXIMUM BY JOB CLAS	OILER	.01	
MINIMUM BY JOB CLAS	OILER	.01	
AVERAGE BY JOB CLAS	OILER	.01	
COUNT BY JOB CLAS 1	OILER		
TOTAL BY JOB CLAS	LABORER	000000	000000
MAXIMUM BY JOB CLAS	LABORER	.11	
MINIMUM BY JOB CLAS	LABORER	.01	
AVERAGE BY JOB CLAS	LABORER	.03	
COUNT BY JOB CLAS 14	LABORER		
TOTAL BY WPL BLDG		000002	000000
COUNT BY WPL BLDG 184			

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REPORT C030 — INDUSTRIAL HYGIENE - PLANT 515 — 02/15/83 PAGE 3

VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR DRYING — BLDG: 121

JOB TITLE		8-HOUR T.W.A. CONC:	TWA >.50	TWA >1.0
TOTAL BY JOB CLAS	ELECTRCN	000000	000000	
MAXIMUM BY JOB CLAS	ELECTRCN	.01		
MINIMUM BY JOB CLAS	ELECTRCN	.01		
AVERAGE BY JOB CLAS	ELECTRCN	.01		
COUNT BY JOB CLAS 1	ELECTRCN			
TOTAL BY JOB CLAS	HITS	000000	000000	
MAXIMUM BY JOB CLAS	HITS	.16		
MINIMUM BY JOB CLAS	HITS	.16		
AVERAGE BY JOB CLAS	HITS	.16		
COUNT BY JOB CLAS 1	HITS			
TOTAL BY JOB CLAS	PIPEFTR	000000	000000	
MAXIMUM BY JOB CLAS	PIPEFTR	.05		
MINIMUM BY JOB CLAS	PIPEFTR	.01		
AVERAGE BY JOB CLAS	PIPEFTR	.02		
COUNT BY JOB CLAS 11	PIPEFTR			
TOTAL BY JOB CLAS	MACHINST	000000	000000	
MAXIMUM BY JOB CLAS	MACHINST	.11		
MINIMUM BY JOB CLAS	MACHINST	.01		
AVERAGE BY JOB CLAS	MACHINST	.03		
COUNT BY JOB CLAS 17	MACHINST			
TOTAL BY JOB CLAS	CHIEF OP	000000	000000	
MAXIMUM BY JOB CLAS	CHIEF OP	.06		
MINIMUM BY JOB CLAS	CHIEF OP	.01		
AVERAGE BY JOB CLAS	CHIEF OP	.01		
COUNT BY JOB CLAS 19	CHIEF OP			
TOTAL BY JOB CLAS	DRYER OP	000002	000000	
MAXIMUM BY JOB CLAS	DRYER OP	.90		
MINIMUM BY JOB CLAS	DRYER OP	.01		
AVERAGE BY JOB CLAS	DRYER OP	.07		
COUNT BY JOB CLAS 72	DRYER OP			
TOTAL BY JOB CLAS	UTLTY OP	000000	000000	
MAXIMUM BY JOB CLAS	UTLTY OP	.14		
MINIMUM BY JOB CLAS	UTLTY OP	.01		

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REPORT C030 INDUSTRIAL HYGIENE - PLANT 515 02/15/83 PAGE 2

VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR CLARIFICATION

BLDG. 122

JOB TITLE	8-HOUR T.W.A. CONC.	TWA >1.0	TWA >.50
TOTAL BY PROCESS		000000	000000
COUNT BY PROCESS	45		

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REPORT C030 — INDUSTRIAL HYGIENE - PLANT 515 — 02/15/83 PAGE 1

VINYL CHLORIDE SUMMARY

1982

PROCESS: SVR CLARIFICATION

BLDG. 122

JOB TITLE	8-HOUR TWA >.50 CONC.	TWA >1.0 T.W.A. CONC.
TOTAL BY JOB CLAS	000000	000000
PIPEFTR		
MAXIMUM BY JOB CLAS	.01	
PIPEFTR		
MINIMUM BY JOB CLAS	.01	
PIPEFTR		
AVERAGE BY JOB CLAS	.01	
PIPEFTR		
COUNT BY JOB CLAS 3		
PIPEFTR		
TOTAL BY JOB CLAS	000000	000000
MACHINST		
MAXIMUM BY JOB CLAS	.01	
MACHINST		
MINIMUM BY JOB CLAS	.01	
MACHINST		
AVERAGE BY JOB CLAS	.01	
MACHINST		
COUNT BY JOB CLAS 1		
MACHINST		
TOTAL BY JOB CLAS	000000	000000
CLARF OP		
MAXIMUM BY JOB CLAS	.12	
CLARF OP		
MINIMUM BY JOB CLAS	.01	
CLARF OP		
AVERAGE BY JOB CLAS	.03	
CLARF OP		
COUNT BY JOB CLAS 36		
CLARF OP		
TOTAL BY JOB CLAS	000000	000000
LABORER		
MAXIMUM BY JOB CLAS	.01	
LABORER		
MINIMUM BY JOB CLAS	.01	
LABORER		
AVERAGE BY JOB CLAS	.01	
LABORER		
COUNT BY JOB CLAS 4		
LABORER		
TOTAL BY JOB CLAS	000000	000000
L LABRER		
MAXIMUM BY JOB CLAS	.01	
L LABRER		
MINIMUM BY JOB CLAS	.01	
L LABRER		
AVERAGE BY JOB CLAS	.01	
L LABRER		
COUNT BY JOB CLAS 1		
L LABRER		
TOTAL BY #PL BLDG	000000	000000
COUNT BY #PL BLDG 45		

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 1

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC

TOTAL NUMBER OF ITEMS RETRIEVED 72

PRECEDING AIR CONC REMOTES LEVEL BELOW DETECTABLE AMOUNT

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Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (1983)
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REPORT C050 — VINYL CHLORIDE AREA MONITORING — BLDG. 121, BLDG. 122, AND TANK AREA 2 — 11/02/79 PAGE 3

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3881	SOLVENT VINYLITE	122	YARN PUMP	10/12/79	413	.01	PPM
3900				10/16/79	421	.01	PPM
3915				10/17/79	423	.01	PPM
3939				10/23/79	420	.02	PPM
3949				10/24/79	423	.01	PPM
3962				10/25/79	428	.03	PPM
3972				10/26/79	423	.04	PPM
MAXIMUM BY WPL EQPT						.04	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.01	
COUNT BY WPL EQPT 8							
3868	SOLVENT VINYLITE	TA-2	SOLV PUMP	10/11/79	412	.03	PPM
3883				10/12/79	413	.01	PPM
3902				10/16/79	421	.01	PPM
3921				10/17/79	423	.01	PPM
3941				10/23/79	420	.09	PPM
3951				10/24/79	423	.04	PPM
3964				10/25/79	428	.03	PPM
3974				10/26/79	423	.05	PPM
MAXIMUM BY WPL EQPT						.09	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.03	
COUNT BY WPL EQPT 8							
3867	SOLVENT VINYLITE	TA-2	YARN PUMP	10/11/79	412	.01	PPM
3882				10/12/79	413	.01	PPM
3901				10/16/79	419	.01	PPM
3920				10/17/79	423	.01	PPM
3940				10/23/79	420	.04	PPM
3950				10/24/79	423	.02	PPM
3963				10/25/79	428	.05	PPM
3973				10/26/79	423	.07	PPM
MAXIMUM BY WPL EQPT						.07	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.02	
COUNT BY WPL EQPT 8							

<<<RECORD WITH AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT >>>

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REPORT C050 — VINYL CHLORIDE AREA MONITORING — 11/02/79 PAGE 2

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3890	SOLVENT VINYLITE	121	YARN SCRUB	10/12/79	415	.34	PPM
3907				10/16/79	421	.01	PPM
3926				10/17/79	422	.03	PPM
3946				10/23/79	420	.11	PPM
3956				10/24/79	421	.05	PPM
3968				10/25/79	427	.05	PPM
3976				10/26/79	423	.06	PPM
MAXIMUM BY WPL EQPT						.34	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.09	
COUNT BY WPL EQPT	6						
3873	SOLVENT VINYLITE	121	WEST END	10/11/79	412	.01	PPM
3888				10/12/79	415	.01	PPM
3908				10/16/79	420	.01	PPM
3924				10/17/79	423	.01	PPM
3944				10/23/79	420	.05	PPM
3954				10/24/79	422	.11	PPM
3967				10/25/79	427	.21	PPM
3977				10/26/79	423	.17	PPM
MAXIMUM BY WPL EQPT						.21	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.07	
COUNT BY WPL EQPT	8						
3869	SOLVENT VINYLITE	122	CONT ROOM	10/11/79	412	.01	PPM
3884				10/12/79	413	.01	PPM
3909				10/16/79	422	.01	PPM
3928				10/17/79	424	.01	PPM
3938				10/23/79	420	.10	PPM
3949				10/24/79	423	.01	PPM
3961				10/25/79	428	.01	PPM
3971				10/26/79	423	.02	PPM
MAXIMUM BY WPL EQPT						.10	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.02	
COUNT BY WPL EQPT	8						
3866	SOLVENT VINYLITE	122	YARN PUMP	10/11/79	412	.01	PPM

(*) PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (1983)
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REPORT C050 — VINYL CHLORIDE AREA MONITORING — 11/02/79 PAGE 1
BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3870	SOLVENT VINYLITE	121	CONST AREA	10/11/79	411	.02	PPM
3885				10/12/79	412	.01	PPM
3903				10/16/79	421	.01	PPM
3922				10/17/79	423	.02	PPM
3942				10/23/79	420	.03	PPM
3952				10/24/79	424	.04	PPM
3965				10/25/79	428	.09	PPM
3975				10/26/79	423	.06	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT 8							
3874	SOLVENT VINYLITE	121	CONT ROOM	10/11/79	413	.01	PPM
3889				10/12/79	415	.01	PPM
3906				10/16/79	424	.03	PPM
3925				10/17/79	420	.01	PPM
3945				10/23/79	421	.03	PPM
3955				10/24/79	421	.07	PPM
3969				10/25/79	428	.08	PPM
3979				10/26/79	423	.18	PPM
MAXIMUM BY WRL EQPT						.18	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.05	
COUNT BY WPL EQPT 8							
3872	SOLVENT VINYLITE	121	EAST END	10/11/79	412	.09	PPM
3887				10/12/79	412	.01	PPM
3905				10/16/79	422	.03	PPM
3927				10/17/79	422	.01	PPM
3947				10/23/79	420	.01	PPM
3957				10/24/79	421	.01	PPM
3970				10/25/79	429	.02	PPM
3980				10/26/79	423	.03	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.02	
COUNT BY WPL EQPT 8							
3875	SOLVENT VINYLITE	121	YARN SCRBR	10/11/79	413	.11	PPM

TOTAL TIME MEASURED IN MINUTES
< PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/78 PAGE
BLDG. 121, BLDG. 122 AND TANK AREA R

RECORD NUMBER	PROCESS OR UNIT	BUILDING EQPT OR ZONE	DATE	SAMP TOTL TIME	AIR CONC

TOTAL NUMBER OF ITEMS RETRIEVED 72

UCTC 20953

REPORT C050 — VINYL CHLORIDE AREA MONITORING — 11/02/79 PAGE 3

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3861	SOLVENT VINYLITE	122	YARN PUMP	10/12/79	413	.01	PPM
3900				10/16/79	421	.01	PPM
3919				10/17/79	423	.01	PPM
3939				10/23/79	420	.02	PPM
3949				10/24/79	423	.01	PPM
3962				10/25/79	428	.03	PPM
3972				10/26/79	423	.04	PPM
MAXIMUM BY WPL EQPT						.04	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.01	
COUNT BY WPL EQPT	8						
3868	SOLVENT VINYLITE	TA-2	SOLV PUMP	10/11/79	412	.03	PPM
3883				10/12/79	413	.01	PPM
3902				10/16/79	421	.01	PPM
3921				10/17/79	423	.01	PPM
3941				10/23/79	420	.00	PPM
3951				10/24/79	423	.04	PPM
3964				10/25/79	428	.03	PPM
3974				10/26/79	423	.05	PPM
MAXIMUM BY WPL EQPT						.06	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.03	
COUNT BY WPL EQPT	8						
3867	SOLVENT VINYLITE	TA-2	YARN PUMP	10/11/79	412	.01	PPM
3882				10/12/79	413	.01	PPM
3901				10/16/79	419	.01	PPM
3920				10/17/79	423	.01	PPM
3940				10/23/79	420	.04	PPM
3950				10/24/79	423	.02	PPM
3963				10/25/79	428	.05	PPM
3973				10/26/79	423	.07	PPM
MAXIMUM BY WPL EQPT						.07	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.03	
COUNT BY WPL EQPT	8						

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REPORT C050 — VINYL CHLORIDE AREA MONITORING — 11/02/79 PAGE 2

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3890	SOLVENT VINYLITE	121	VANN SCRBR	10/12/79	415	.36	PPM
3907				10/16/79	421	.01	PPM
3926				10/17/79	422	.03	PPM
3946				10/23/79	420	.11	PPM
3956				10/24/79	421	.05	PPM
3968				10/25/79	427	.05	PPM
3978				10/26/79	423	.06	PPM
MAXIMUM BY WRL EQPT						.34	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.09	
COUNT BY WPL EQPT	6						
3873	SOLVENT VINYLITE	121	WEST END	10/11/79	412	.01	PPM
3888				10/12/79	415	.01	PPM
3908				10/16/79	420	.01	PPM
3924				10/17/79	423	.01	PPM
3944				10/23/79	420	.05	PPM
3954				10/24/79	422	.11	PPM
3967				10/25/79	427	.21	PPM
3977				10/26/79	424	.17	PPM
MAXIMUM BY WRL EQPT						.21	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.07	
COUNT BY WPL EQPT	8						
3869	SOLVENT VINYLITE	122	CONT ROOM	10/11/79	412	.01	PPM
3884				10/12/79	413	.01	PPM
3909				10/16/79	422	.01	PPM
3928				10/17/79	424	.01	PPM
3938				10/23/79	420	.10	PPM
3948				10/24/79	423	.01	PPM
3961				10/25/79	428	.01	PPM
3971				10/26/79	423	.02	PPM
MAXIMUM BY WRL EQPT						.10	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT	8						
3865	SOLVENT VINYLITE	124	VANN AMPH	10/11/79	414	.01	PPM

* PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

UCTC 20955

REPORT C950 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 1

(BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3870	SOLVENT VINYLITE	121	CONST AREA	10/11/79	411	.02	PPM
3885				10/12/79	412	.01	PPM
3903				10/16/79	421	.01	PPM
3922				10/17/79	423	.02	PPM
3942				10/23/79	420	.03	PPM
3952				10/24/79	424	.04	PPM
3965				10/25/79	428	.09	PPM
3975				10/26/79	423	.08	PPM
MAXIMUM BY WPL EQPT						.09	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.03	
COUNT BY WPL EQPT	8						
3874	SOLVENT VINYLITE	121	CONT ROOM	10/11/79	413	.01	PPM
3889				10/12/79	415	.01	PPM
3906				10/16/79	424	.03	PPM
3925				10/17/79	420	.01	PPM
3945				10/23/79	421	.03	PPM
3955				10/24/79	421	.07	PPM
3969				10/25/79	428	.08	PPM
3979				10/26/79	423	.18	PPM
MAXIMUM BY WPL EQPT						.18	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.05	
COUNT BY WPL EQPT	8						
3872	SOLVENT VINYLITE	121	EAST END	10/11/79	412	.09	PPM
3887				10/12/79	412	.01	PPM
3905				10/16/79	422	.03	PPM
3927				10/17/79	428	.01	PPM
3947				10/23/79	420	.01	PPM
3957				10/24/79	421	.01	PPM
3970				10/25/79	429	.02	PPM
3980				10/26/79	423	.03	PPM
MAXIMUM BY WPL EQPT						.09	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.02	
COUNT BY WPL EQPT	8						
3876	SOLVENT VINYLITE	121	YARN ROOM	10/11/79	213	.11	PPM

UCTC 20956

REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 4

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC
TOTAL NUMBER OF ITEMS RETRIEVED 12						

* PRECEDING AIR CONCENTRATION IS BELOW DETECTABLE AMOUNT

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 3
BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3881	SOLVENT VINYLITE	122	YARN PUMP	10/12/79	413	.01	PPM
3900				10/16/79	421	.01	PPM
3919				10/17/79	423	.01	PPM
3939				10/23/79	420	.02	PPM
3949				10/24/79	423	.01	PPM
3962				10/25/79	420	.03	PPM
3972				10/26/79	423	.04	PPM
MAXIMUM BY WRL EQPT						.04	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.01	
COUNT BY WPL EQPT	0						
3868	SOLVENT VINYLITE	TA-2	SOLV PUMP	10/11/79	412	.03	PPM
3883				10/12/79	413	.01	PPM
3902				10/16/79	421	.01	PPM
3921				10/17/79	423	.01	PPM
3941				10/23/79	420	.09	PPM
3951				10/24/79	423	.04	PPM
3964				10/26/79	428	.03	PPM
3974				10/26/79	423	.05	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT	0						
3867	SOLVENT VINYLITE	IA-2	YARN PUMP	10/11/79	412	.01	PPM
3882				10/12/79	413	.01	PPM
3901				10/16/79	421	.01	PPM
3920				10/17/79	423	.01	PPM
3940				10/23/79	420	.04	PPM
3950				10/24/79	423	.02	PPM
3963				10/25/79	428	.05	PPM
3973				10/26/79	423	.07	PPM
MAXIMUM BY WRL EQPT						.07	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT	0						

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REPORT C050 — VINYL CHLORIDE AREA MONITORING — 11/02/79 PAGE 2

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3890	SOLVENT VINYLITE	121	YARN SCRBR	10/12/79	415	.34	PPM
3907				10/16/79	421	.01	PPM
3920				10/17/79	422	.03	PPM
3946				10/23/79	420	.11	PPM
3956				10/24/79	421	.05	PPM
3968				10/25/79	427	.05	PPM
3978				10/26/79	423	.06	PPM
MAXIMUM BY WPL EQPT						.34	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.09	
COUNT BY WPL EQPT	0						
3873	SOLVENT VINYLITE	121	WEST END	10/11/79	412	.01	PPM
3888				10/12/79	415	.01	PPM
3908				10/16/79	420	.01	PPM
3924				10/17/79	423	.01	PPM
3944				10/23/79	420	.05	PPM
3954				10/24/79	422	.11	PPM
3967				10/25/79	427	.21	PPM
3977				10/26/79	423	.17	PPM
MAXIMUM BY WPL EQPT						.21	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.07	
COUNT BY WPL EQPT	0						
3869	SOLVENT VINYLITE	122	CONT ROOM	10/11/79	412	.01	PPM
3884				10/12/79	413	.01	PPM
3909				10/16/79	422	.01	PPM
3928				10/17/79	424	.01	PPM
3938				10/23/79	420	.10	PPM
3948				10/24/79	423	.01	PPM
3961				10/25/79	420	.01	PPM
3971				10/26/79	423	.02	PPM
MAXIMUM BY WPL EQPT						.10	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.02	
COUNT BY WPL EQPT	0						
3846	SOLVENT VINYLITE	122	YARN PUMP	10/11/79	412	.01	PPM

* PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 1

BLDGs 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC
3870	SOLVENT VINYLITE	121	CONST AREA	10/11/79	411	.02 PPM
3885				10/12/79	412	.01 PPM
3903				10/16/79	421	.01 PPM
3922				10/17/79	423	.02 PPM
3942				10/23/79	420	.03 PPM
3952				10/24/79	424	.04 PPM
3965				10/25/79	420	.09 PPM
3975				10/26/79	423	.08 PPM
MAXIMUM BY WPL EQPT						.09
MINIMUM BY WPL EQPT						.01
AVERAGE BY WPL EQPT						.03
COUNT BY WPL EQPT	8					
3874	SOLVENT VINYLITE	121	CONT ROOM	10/11/79	413	.01 PPM
3889				10/12/79	415	.01 PPM
3906				10/16/79	424	.03 PPM
3925				10/17/79	420	.01 PPM
3945				10/23/79	421	.03 PPM
3955				10/24/79	421	.07 PPM
3969				10/25/79	428	.08 PPM
3979				10/26/79	423	.18 PPM
MAXIMUM BY WPL EQPT						.18
MINIMUM BY WPL EQPT						.01
AVERAGE BY WPL EQPT						.05
COUNT BY WPL EQPT	8					
3872	SOLVENT VINYLITE	121	EAST END	10/11/79	412	.09 PPM
3887				10/12/79	412	.01 PPM
3905				10/16/79	422	.03 PPM
3927				10/17/79	422	.01 PPM
3947				10/23/79	420	.01 PPM
3957				10/24/79	421	.01 PPM
3970				10/25/79	429	.02 PPM
3980				10/26/79	423	.03 PPM
MAXIMUM BY WPL EQPT						.09
MINIMUM BY WPL EQPT						.01
AVERAGE BY WPL EQPT						.02
COUNT BY WPL EQPT	8					

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BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING EQPT OR ZONE	DATE	SAMP TOTL TIME	AIR CONC

TOTAL NUMBER OF ITEMS RETRIEVED 12

* PRECEDING AIR CONC DENOTES LEVEL FROM REPORT # INDICATED

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BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3881	SOLVENT VINYLITE	122	VARN PUMP	10/12/79	413	.01	PPM
3900				10/16/79	421	.01	PPM
3919				10/17/79	423	.01	PPM
3939				10/23/79	420	.02	PPM
3949				10/24/79	423	.01	PPM
3962				10/25/79	428	.03	PPM
3972				10/26/79	423	.04	PPM
MAXIMUM BY WPL EQPT						.04	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.01	
COUNT BY WPL EQPT	0						
3868	SOLVENT VINYLITE	TA-2	SOLV PUMP	10/11/79	412	.03	PPM
3883				10/12/79	413	.01	PPM
3902				10/16/79	421	.01	PPM
3921				10/17/79	423	.01	PPM
3941				10/23/79	420	.09	PPM
3951				10/24/79	423	.04	PPM
3964				10/25/79	428	.03	PPM
3974				10/26/79	423	.05	PPM
MAXIMUM BY WPL EQPT						.09	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.03	
COUNT BY WPL EQPT	0						
3867	SOLVENT VINYLITE	TA-2	YARN PUMP	10/11/79	412	.01	PPM
3882				10/12/79	413	.01	PPM
3901				10/16/79	419	.01	PPM
3920				10/17/79	423	.01	PPM
3940				10/23/79	420	.04	PPM
3950				10/24/79	423	.02	PPM
3963				10/25/79	428	.05	PPM
3973				10/26/79	423	.07	PPM
MAXIMUM BY WPL EQPT						.07	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.02	
COUNT BY WPL EQPT	0						

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REPORT C650 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 2

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3890	SOLVENT VINYLITE	121	YARN SCRBR	10/12/79	415	.34	PPM
3907				10/16/79	421	.01	PPM
3926				10/17/79	422	.03	PPM
3946				10/23/79	420	.11	PPM
3956				10/24/79	421	.05	PPM
3968				10/25/79	427	.05	PPM
3978				10/26/79	423	.06	PPM
MAXIMUM BY WPL EQPT						.34	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.09	
COUNT BY WPL EQPT	0						
3873	SOLVENT VINYLITE	121	WEST END	10/11/79	412	.01	PPM
3888				10/12/79	415	.01	PPM
3908				10/16/79	420	.01	PPM
3924				10/17/79	423	.01	PPM
3944				10/23/79	420	.05	PPM
3954				10/24/79	422	.11	PPM
3967				10/25/79	427	.21	PPM
3977				10/26/79	423	.17	PPM
MAXIMUM BY WPL EQPT						.21	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.07	
COUNT BY WPL EQPT	0						
3869	SOLVENT VINYLITE	122	CONT ROOM	10/11/79	412	.01	PPM
3884				10/12/79	413	.01	PPM
3909				10/16/79	422	.01	PPM
3928				10/17/79	424	.01	PPM
3938				10/23/79	420	.10	PPM
3948				10/24/79	423	.01	PPM
3961				10/25/79	420	.01	PPM
3971				10/26/79	423	.02	PPM
MAXIMUM BY WPL EQPT						.10	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.02	
COUNT BY WPL EQPT	0						

< PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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REPORT COSO — VINYL CHLORIDE AREA MONITORING — 11/02/79 PAGE 1

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC
3870	SOLVENT VINYLITE	121	CONST AREA	10/11/79	411	.02 PPM
3885				10/12/79	412	.01 PPM
3903				10/16/79	421	.01 PPM
3922				10/17/79	423	.02 PPM
3942				10/23/79	420	.03 PPM
3952				10/24/79	424	.04 PPM
3965				10/25/79	420	.09 PPM
3975				10/26/79	423	.08 PPM
MAXIMUM BY WPL EQPT						.09
MINIMUM BY WPL EQPT						.01
AVERAGE BY WPL EQPT						.03
COUNT BY WPL EQPT	8					
3874	SOLVENT VINYLITE	121	CONT ROOM	10/11/79	413	.01 PPM
3889				10/12/79	415	.01 PPM
3906				10/16/79	424	.03 PPM
3925				10/17/79	420	.01 PPM
3945				10/23/79	421	.03 PPM
3955				10/24/79	421	.07 PPM
3969				10/25/79	428	.08 PPM
3979				10/26/79	423	.18 PPM
MAXIMUM BY WPL EQPT						.10
MINIMUM BY WPL EQPT						.01
AVERAGE BY WPL EQPT						.05
COUNT BY WPL EQPT	8					
3872	SOLVENT VINYLITE	121	EAST END	10/11/79	412	.09 PPM
3887				10/12/79	412	.01 PPM
3905				10/16/79	422	.03 PPM
3927				10/17/79	422	.01 PPM
3947				10/23/79	420	.01 PPM
3957				10/24/79	421	.01 PPM
3970				10/25/79	429	.02 PPM
3980				10/26/79	423	.03 PPM
MAXIMUM BY WPL EQPT						.09
MINIMUM BY WPL EQPT						.01
AVERAGE BY WPL EQPT						.02
COUNT BY WPL EQPT	8					
3876	SOLVENT VINYLITE	121	MAIN CORE	10/11/79	411	.09 PPM

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VINYL CHLORIDE AREA MONITORING
BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING EQPT OR ZONE	DATE	SAMP TOTL TIME	AIR CONC

TOTAL NUMBER OF ITEMS RETRIEVED 72

4 PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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REPORT C950 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 3

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3881	SOLVENT VINYLITE	122	VARN PUMP	10/12/79	413	.01	PPM
3900				10/16/79	421	.01	PPM
3919				10/17/79	423	.01	PPM
3939				10/23/79	420	.02	PPM
3949				10/24/79	423	.01	PPM
3962				10/25/79	428	.03	PPM
3972				10/26/79	423	.04	PPM
MAXIMUM BY WRL EQPT						.04	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.01	
COUNT BY WPL EQPT 8							
3868	SOLVENT VINYLITE	TA-2	SOLV PUMP	10/11/79	412	.03	PPM
3883				10/12/79	413	.01	PPM
3902				10/16/79	421	.01	PPM
3921				10/17/79	423	.01	PPM
3941				10/23/79	420	.09	PPM
3951				10/24/79	423	.04	PPM
3964				10/25/79	428	.03	PPM
3974				10/26/79	423	.05	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT 8							
3867	SOLVENT VINYLITE	TA-2	VARN PUMP	10/11/79	412	.01	PPM
3882				10/12/79	413	.01	PPM
3901				10/16/79	419	.01	PPM
3920				10/17/79	423	.01	PPM
3940				10/23/79	420	.04	PPM
3950				10/24/79	423	.02	PPM
3963				10/25/79	428	.05	PPM
3973				10/26/79	423	.07	PPM
MAXIMUM BY WRL EQPT						.07	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT 8							

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 2
BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3890	SOLVENT VINYLITE	121	VARN SCRBR	10/12/79	415	.34	PPM
3907				10/16/79	421	.01	PPM
3926				10/17/79	422	.03	PPM
3946				10/23/79	420	.11	PPM
3956				10/24/79	421	.05	PPM
3968				10/25/79	427	.05	PPM
3978				10/26/79	423	.06	PPM
MAXIMUM BY VRL EQPT						.34	
MINIMUM BY VRL EQPT						.01	
AVERAGE BY VRL EQPT						.09	
COUNT BY VPL EQPT	0						
3873	SOLVENT VINYLITE	121	WEST END	10/11/79	412	.01	PPM
3888				10/12/79	415	.01	PPM
3908				10/16/79	420	.01	PPM
3924				10/17/79	423	.01	PPM
3944				10/23/79	420	.05	PPM
3954				10/24/79	422	.11	PPM
3967				10/25/79	427	.21	PPM
3977				10/26/79	423	.17	PPM
MAXIMUM BY VRL EQPT						.21	
MINIMUM BY VRL EQPT						.01	
AVERAGE BY VRL EQPT						.07	
COUNT BY VPL EQPT	0						
3869	SOLVENT VINYLITE	122	CONT ROOM	10/11/79	412	.01	PPM
3884				10/12/79	413	.01	PPM
3900				10/16/79	422	.01	PPM
3928				10/17/79	424	.01	PPM
3938				10/23/79	420	.10	PPM
3948				10/24/79	423	.01	PPM
3961				10/25/79	426	.01	PPM
3971				10/26/79	423	.02	PPM
MAXIMUM BY VRL EQPT						.10	
MINIMUM BY VRL EQPT						.01	
AVERAGE BY VRL EQPT						.02	
COUNT BY VPL EQPT	0						
3844	SOLVENT VINYLITE	122	TANK FARM	10/11/79	418	.01	PPM

* PRECEDING AIR CONC REMOTES LEVEL BELOW DETECTABLE AMOUNT

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REPORT COSO — VINYL CHLORIDE AREA MONITORING — 11/02/79 PAGE 1

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3870	SOLVENT VINYLITE	121	CONST AREA	10/11/79	411	.02	PPM
3885				10/12/79	412	.01	PPM
3903				10/16/79	421	.01	PPM
3922				10/17/79	423	.02	PPM
3942				10/23/79	420	.03	PPM
3952				10/24/79	424	.04	PPM
3965				10/25/79	426	.09	PPM
3975				10/26/79	423	.08	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT	8						
3874	SOLVENT VINYLITE	121	CONT ROOM	10/11/79	413	.01	PPM
3889				10/12/79	415	.01	PPM
3906				10/16/79	424	.03	PPM
3925				10/17/79	420	.01	PPM
3945				10/23/79	421	.03	PPM
3955				10/24/79	421	.07	PPM
3969				10/25/79	426	.08	PPM
3979				10/26/79	423	.18	PPM
MAXIMUM BY WRL EQPT						.18	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.05	
COUNT BY WPL EQPT	8						
3872	SOLVENT VINYLITE	121	EAST END	10/11/79	412	.09	PPM
3887				10/12/79	412	.01	PPM
3905				10/16/79	422	.03	PPM
3927				10/17/79	422	.01	PPM
3941				10/23/79	420	.01	PPM
3957				10/24/79	421	.01	PPM
3970				10/25/79	429	.02	PPM
3980				10/26/79	423	.03	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.02	
COUNT BY WPL EQPT	8						
3878	SOLVENT VINYLITE	121	WEST END	10/11/79	413	.11	PPM

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VINYL CHLORIDE AREA MONITORING
BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC

TOTAL NUMBER OF ITEMS RETRIEVED 72

< PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 3

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS BUILDING OR UNIT	EQPT OR ZONE	DATE	SAMP TOTL TIME	AIR CONC	
3901	SOLVENT VINYLITE	122 VARN PUMP	10/12/79	413	.01	PPM
3900			10/16/79	421	.01	PPM
3919			10/17/79	423	.01	PPM
3939			10/23/79	420	.02	PPM
3949			10/24/79	423	.01	PPM
3962			10/25/79	428	.03	PPM
3972			10/26/79	423	.04	PPM
MAXIMUM BY VRL EQPT					.04	
MINIMUM BY VRL EQPT					.01	
AVERAGE BY VRL EQPT					.01	
COUNT BY VPL EQPT	8					
3960	SOLVENT VINYLITE	TA-2 SOLV PUMP	10/11/79	412	.03	PPM
3883			10/12/79	413	.01	PPM
3902			10/16/79	421	.01	PPM
3921			10/17/79	423	.01	PPM
3941			10/23/79	420	.09	PPM
3951			10/24/79	423	.04	PPM
3964			10/25/79	428	.03	PPM
3974			10/26/79	423	.05	PPM
MAXIMUM BY VRL EQPT					.09	
MINIMUM BY VRL EQPT					.01	
AVERAGE BY VRL EQPT					.03	
COUNT BY VPL EQPT	8					
3867	SOLVENT VINYLITE	TA-2 VARN PUMP	10/11/79	412	.01	PPM
3882			10/12/79	413	.01	PPM
3901			10/16/79	419	.01	PPM
3920			10/17/79	423	.01	PPM
3940			10/23/79	420	.04	PPM
3950			10/24/79	423	.02	PPM
3963			10/25/79	428	.05	PPM
3973			10/26/79	423	.07	PPM
MAXIMUM BY VRL EQPT					.07	
MINIMUM BY VRL EQPT					.01	
AVERAGE BY VRL EQPT					.02	
COUNT BY VPL EQPT	8					

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 2

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3890	SOLVENT VINYLITE	121	VARN SCRBR	10/12/79	415	.34	PPM
3907				10/16/79	421	.01	PPM
3926				10/17/79	422	.03	PPM
3944				10/23/79	420	.11	PPM
3956				10/24/79	421	.05	PPM
3968				10/25/79	427	.05	PPM
3978				10/26/79	423	.06	PPM
MAXIMUM BY WPL EQPT						.34	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.09	
COUNT BY WPL EQPT	8						
3873	SOLVENT VINYLITE	121	WEST END	10/11/79	412	.01	PPM
3888				10/12/79	415	.01	PPM
3908				10/16/79	420	.01	PPM
3926				10/17/79	423	.01	PPM
3944				10/23/79	420	.05	PPM
3954				10/24/79	422	.11	PPM
3967				10/25/79	427	.21	PPM
3977				10/26/79	423	.17	PPM
MAXIMUM BY WPL EQPT						.21	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.07	
COUNT BY WPL EQPT	8						
3869	SOLVENT VINYLITE	122	CONT ROOM	10/11/79	412	.01	PPM
3884				10/12/79	413	.01	PPM
3909				10/16/79	422	.01	PPM
3928				10/17/79	424	.01	PPM
3938				10/23/79	420	.10	PPM
3948				10/24/79	423	.01	PPM
3961				10/25/79	428	.01	PPM
3971				10/26/79	423	.02	PPM
MAXIMUM BY WPL EQPT						.10	
MINIMUM BY WPL EQPT						.01	
AVERAGE BY WPL EQPT						.02	
COUNT BY WPL EQPT	8						
3864	SOLVENT VINYLITE	122	VARN PUMP	10/11/79	412	.01	PPM

* PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 1
BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3870	SOLVENT VINYLITE	121	CONST AREA	10/11/79	411	.02	PPM
3885				10/12/79	412	.01	PPM
3903				10/16/79	421	.01	PPM
3922				10/17/79	423	.02	PPM
3942				10/23/79	420	.03	PPM
3952				10/24/79	424	.04	PPM
3965				10/25/79	426	.09	PPM
3975				10/26/79	423	.08	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT	8						
3874	SOLVENT VINYLITE	121	CONT ROOM	10/11/79	413	.01	PPM
3889				10/12/79	415	.01	PPM
3906				10/16/79	424	.03	PPM
3925				10/17/79	420	.01	PPM
3945				10/23/79	421	.03	PPM
3955				10/24/79	421	.07	PPM
3968				10/25/79	428	.08	PPM
3979				10/26/79	423	.10	PPM
MAXIMUM BY WRL EQPT						.10	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.05	
COUNT BY WPL EQPT	8						
3872	SOLVENT VINYLITE	121	EAST END	10/11/79	412	.00	PPM
3887				10/12/79	412	.01	PPM
3905				10/16/79	422	.03	PPM
3927				10/17/79	422	.01	PPM
3947				10/23/79	420	.01	PPM
3957				10/24/79	421	.01	PPM
3970				10/25/79	420	.02	PPM
3980				10/26/79	423	.03	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.02	
COUNT BY WPL EQPT	8						
3878	SOLVENT VINYLITE	121	YARN ROOM	10/11/79	413	.11	PPM

(PRECEDING AIR CONC DENOTES TOTALLY MEASURED IN MINUTES
LEVEL BELOW DETECTABLE AMOUNT

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REPORT C050 VINYL CHLORIDE AREA MONITORING 11/02/79 PAGE 1

BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3870	SOLVENT VINYLITE	121	CONST AREA	10/11/79	411	.02	PPM
3885				10/12/79	412	.01	PPM
3903				10/16/79	421	.01	PPM
3922				10/17/79	423	.02	PPM
3942				10/23/79	420	.03	PPM
3952				10/24/79	424	.04	PPM
3965				10/25/79	428	.09	PPM
3975				10/26/79	423	.08	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT	8						
3874	SOLVENT VINYLITE	121	CONT ROOM	10/11/79	413	.01	PPM
3889				10/12/79	415	.01	PPM
3906				10/16/79	424	.03	PPM
3925				10/17/79	420	.01	PPM
3945				10/23/79	421	.03	PPM
3955				10/24/79	421	.07	PPM
3969				10/25/79	428	.08	PPM
3979				10/26/79	423	.18	PPM
MAXIMUM BY WRL EQPT						.18	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.05	
COUNT BY WPL EQPT	8						
3972	SOLVENT VINYLITE	121	EAST END	10/11/79	412	.09	PPM
3987				10/12/79	412	.01	PPM
3905				10/16/79	422	.03	PPM
3927				10/17/79	422	.01	PPM
3947				10/23/79	420	.01	PPM
3957				10/24/79	421	.01	PPM
3970				10/25/79	429	.02	PPM
3980				10/26/79	423	.03	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.02	
COUNT BY WPL EQPT	8						
3975	SOLVENT VINYLITE	121	YARN SCRBR	10/11/79	413	.11	PPM

* PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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VINYL CHLORIDE AREA MONITORING
BLDG. 121, BLDG. 122, AND TANK AREA 2

11/02/79 PAGE 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC
3890	SOLVENT VINYLITE	121	VARN SCRBR	10/12/79	415	.34 PPM
3907				10/16/79	421	.01 PPM
3926				10/17/79	422	.03 PPM
3946				10/23/79	420	.11 PPM
3956				10/24/79	421	.05 PPM
3968				10/25/79	427	.05 PPM
3978				10/26/79	423	.06 PPM
MAXIMUM BY WRL EQPT						.34
MINIMUM BY WRL EQPT						.01
AVERAGE BY WRL EQPT						.09
COUNT BY WPL EQPT	8					
3873	SOLVENT VINYLITE	121	WEST END	10/11/79	412	.01 PPM
3888				10/12/79	415	.01 PPM
3908				10/16/79	420	.01 PPM
3924				10/17/79	423	.01 PPM
3944				10/23/79	420	.05 PPM
3954				10/24/79	422	.11 PPM
3967				10/25/79	427	.21 PPM
3977				10/26/79	423	.17 PPM
MAXIMUM BY WRL EQPT						.21
MINIMUM BY WRL EQPT						.01
AVERAGE BY WRL EQPT						.07
COUNT BY WPL EQPT	8					
3869	SOLVENT VINYLITE	122	CONT ROOM	10/11/79	412	.01 PPM
3884				10/12/79	413	.01 PPM
3909				10/16/79	422	.01 PPM
3928				10/17/79	424	.01 PPM
3938				10/23/79	420	.10 PPM
3948				10/24/79	423	.01 PPM
3961				10/25/79	420	.01 PPM
3971				10/26/79	423	.02 PPM
MAXIMUM BY WRL EQPT						.10
MINIMUM BY WRL EQPT						.01
AVERAGE BY WRL EQPT						.02
COUNT BY WPL EQPT	8					
3866	SOLVENT VINYLITE	122	VARN PUMP	10/11/79	412	.01 PPM

TOTAL TIME MEASURED IN MINUTES
< PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC	
3881	SOLVENT VINYLITE	122	VARN PUMP	10/12/79	413	.01	PPM
3900				10/16/79	421	.01	PPM
3919				10/17/79	423	.01	PPM
3939				10/23/79	420	.02	PPM
3949				10/24/79	423	.01	PPM
3962				10/25/79	428	.03	PPM
3972				10/26/79	423	.04	PPM
MAXIMUM BY WRL EQPT						.04	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.01	
COUNT BY WPL EQPT 8							
3868	SOLVENT VINYLITE	TA-2	SOLV PUMP	10/11/79	412	.03	PPM
3883				10/12/79	413	.01	PPM
3902				10/16/79	421	.01	PPM
3921				10/17/79	423	.01	PPM
3941				10/23/79	420	.09	PPM
3951				10/24/79	423	.04	PPM
3964				10/25/79	428	.03	PPM
3974				10/26/79	423	.05	PPM
MAXIMUM BY WRL EQPT						.09	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.03	
COUNT BY WPL EQPT 8							
3867	SOLVENT VINYLITE	TA-2	VARN PUMP	10/11/79	412	.01	PPM
3882				10/12/79	413	.01	PPM
3901				10/16/79	419	.01	PPM
3920				10/17/79	423	.01	PPM
3940				10/23/79	420	.04	PPM
3950				10/24/79	423	.02	PPM
3963				10/25/79	428	.05	PPM
3973				10/26/79	423	.07	PPM
MAXIMUM BY WRL EQPT						.07	
MINIMUM BY WRL EQPT						.01	
AVERAGE BY WRL EQPT						.02	
COUNT BY WPL EQPT 8							

TOTAL TIME MEASURED IN MINUTES
< PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

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VINYL CHLORIDE AREA MONITORING
BLDG. 121, BLDG. 122, AND TANK AREA 2

RECORD NUMBER	PROCESS OR UNIT	BUILDING OR ZONE	EQPT	DATE	SAMP TOTL TIME	AIR CONC

TOTAL NUMBER OF ITEMS RETRIEVED 72

* PRECEDING AIR CONC DENOTES LEVEL BELOW DETECTABLE AMOUNT

TOTAL TIME MEASURED IN MINUTES

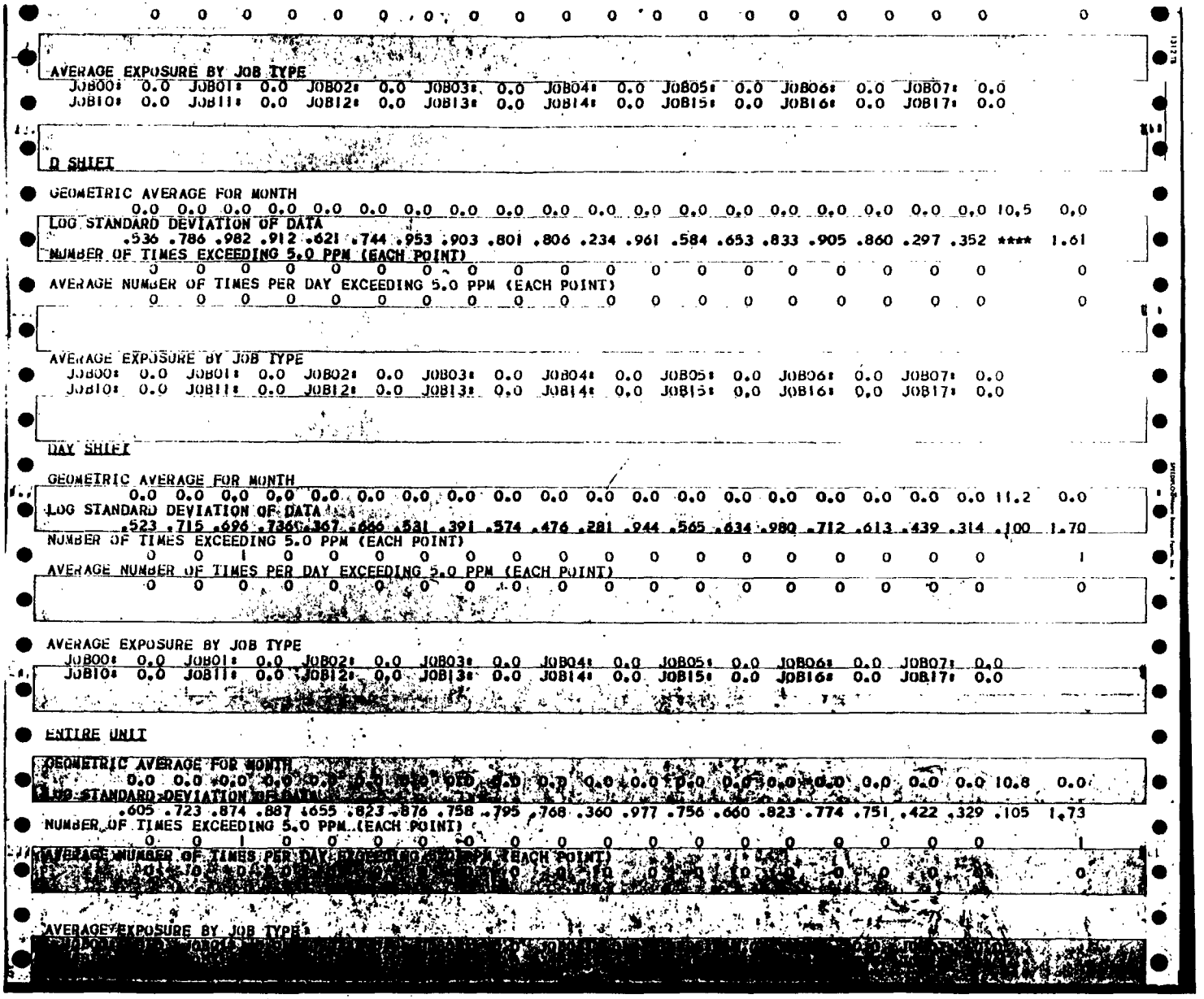
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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

D SHIFT

GEOMETRIC AVERAGE FOR MONTH

0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.5 0.0

LOG STANDARD DEVIATION OF DATA

.536 .786 .982 .912 .621 .744 .953 .903 .801 .806 .234 .961 .584 .653 .833 .905 .860 .297 .352 **** 1.61

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

DAY SHIFT

GEOMETRIC AVERAGE FOR MONTH

0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 11.2 0.0

LOG STANDARD DEVIATION OF DATA

.523 .715 .696 .736 .367 .666 .531 .391 .574 .476 .281 .944 .565 .634 .980 .712 .613 .439 .314 .100 1.70

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

ENTIRE UNIT

GEOMETRIC AVERAGE FOR MONTH

0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8 0.0

LOG STANDARD DEVIATION OF DATA

.605 .723 .874 .887 .655 .823 .876 .758 .795 .768 .360 .977 .756 .660 .823 .774 .751 .422 .329 .105 1.73

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE EXPOSURE BY JOB TYPE

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR MONTH ENDING 01/31/78

A SHIFT

	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
GEOMETRIC AVERAGE FOR MONTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOG STANDARD DEVIATION OF DATA	.829	.916	1.19	1.22	1.08	1.24	1.26	1.05	1.10	1.12	.630	1.21	1.20	.863	.900	.986	1.02	.635	.436	****	1.75
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.0	JOB02: 0.0	JOB03: 0.0	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0														
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0														

B SHIFT

GEOMETRIC AVERAGE FOR MONTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0
LOG STANDARD DEVIATION OF DATA	.298	.710	.704	.838	.352	.604	.609	.417	.604	.443	****	.987	.382	.455	1.14	.832	.701	.400	.131	.104	1.87
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.0	JOB02: 0.0	JOB03: 0.0	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0														
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0														

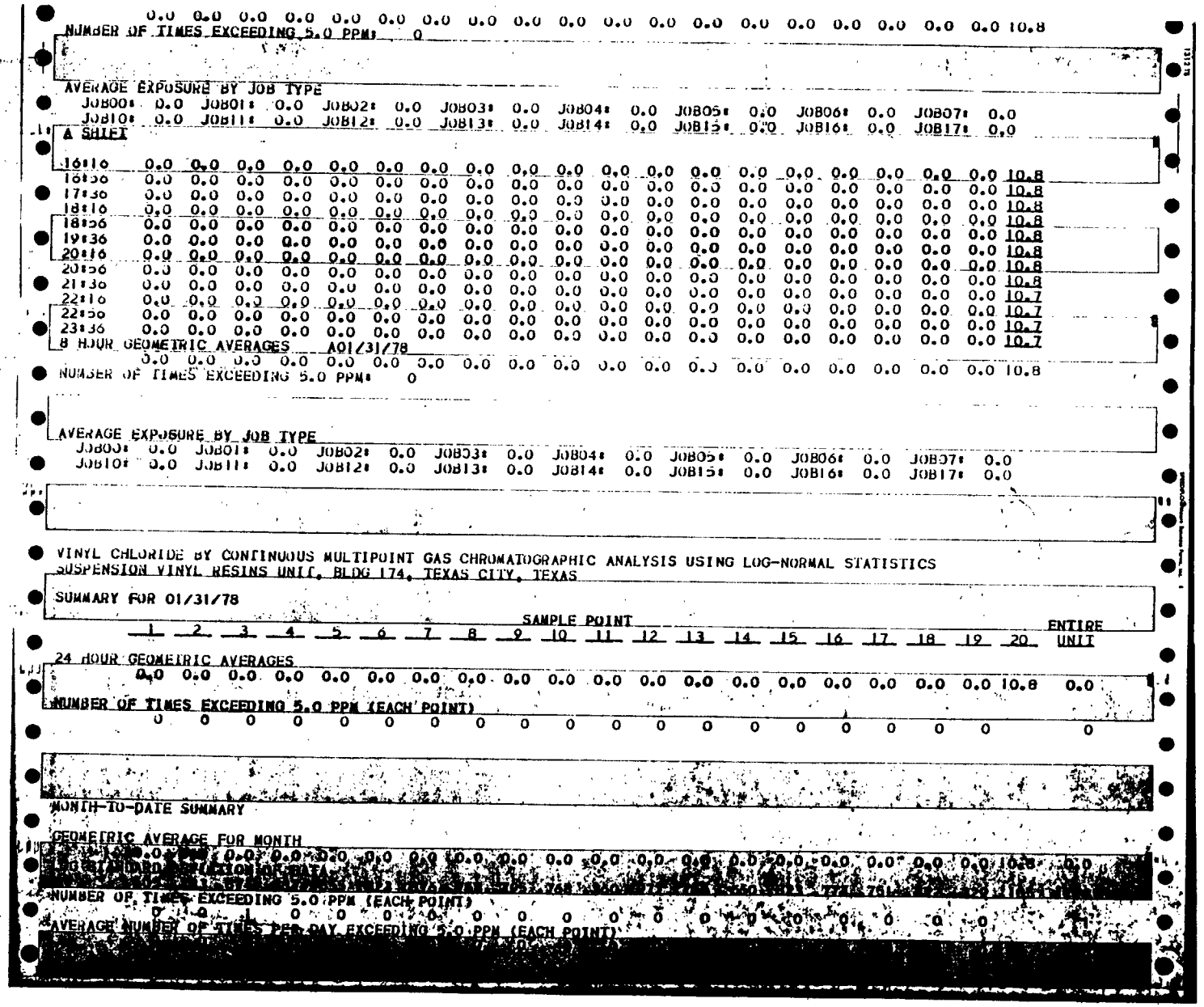
C SHIFT

GEOMETRIC AVERAGE FOR MONTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0
LOG STANDARD DEVIATION OF DATA	.447	.501	.492	.324	.43	.558	.600	.777													

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0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.8

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

A SHIFT

16:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
16:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
17:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
18:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
18:56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
19:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
20:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
20:56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
21:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
22:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
22:56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
23:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7
8 HOUR GEOMETRIC AVERAGES A01/31/78																				
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/31/78

	SAMPLE POINT																			ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES																					
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)																					
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

[redacted]

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

[redacted]

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

[redacted]

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8 HOUR GEOMETRIC AVERAGES 01/31/78

NUMBER OF TIMES EXCEEDING 5.0 PPM

AVERAGE EXPOSURE BY JOB TYPE

JOB01= 0.2 JOB02= 0.2 JOB03= 0.0 JOB04= 0.0 JOB05= 0.5 JOB06= 0.5 JOB07= 0.1

JOB10= 0.0 JOB11= 0.0 JOB12= 0.0 JOB13= 0.0 JOB14= 0.0 JOB15= 0.4 JOB16= 0.5 JOB17= 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/31/78

SAMPLE POINT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
24 HOUR GEOMETRIC AVERAGES	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.4	0.2	0.3	0.2	0.2	0.2	0.2	10.7	0.3
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	0.2	0.2	10.4	0.2
LOG STANDARD DEVIATION OF DATA	.643	.718	.684	.717	.683	.736	.741	.715	.714	.691	.742	.735	1.40	.791	.780	.720	.713	.714	.703	.036	1.16
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	1	0	66	0	0	1	0	0	0	69
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

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AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

AVERAGE EXPOSURE BY JOB TYPE
JOB00: 0.1 JOB01: 0.2 JOB02: 0.1 JOB03: 0.0 JOB04: 0.0 JOB05: 0.3 JOB06: 0.3 JOB07: 0.0
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.3 JOB16: 0.4 JOB17: 0.0

DAY SHIFT

GEOMETRIC AVERAGE FOR MONTH
0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 1.0 0.2 0.2 0.2 0.2 0.2 0.2 10.3 0.2

LOG STANDARD DEVIATION OF DATA
.686 .760 .729 .692 .693 .727 .781 .704 .692 .685 .803 .741 1.35 .793 .811 .767 .727 .750 .749 .040 1.16

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
1 0 0 0 0 0 0 0 0 0 1 0 25 0 0 1 0 0 0 28

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE EXPOSURE BY JOB TYPE
JOB00: 0.2 JOB01: 0.2 JOB02: 0.2 JOB03: 0.0 JOB04: 0.0 JOB05: 0.4 JOB06: 0.4 JOB07: 0.1
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.3 JOB16: 0.5 JOB17: 0.0

ENTIRE UNIT

GEOMETRIC AVERAGE FOR MONTH
0.1 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.9 0.2 0.2 0.2 0.2 0.2 0.2 10.4 0.2

LOG STANDARD DEVIATION OF DATA
.643 .718 .684 .717 .683 .736 .741 .715 .714 .691 .742 .735 1.40 .791 .780 .720 .713 .714 .703 .036 1.16

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
1 0 0 0 0 0 0 0 1 0 66 0 0 1 0 0 0 69

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 2

AVERAGE EXPOSURE BY JOB TYPE
JOB00: 0.1 JOB01: 0.2 JOB02: 0.2 JOB03: 0.0 JOB04: 0.0 JOB05: 0.3 JOB06: 0.4 JOB07: 0.1
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.3 JOB16: 0.5 JOB17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/31/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
D SHIFT																				
23:56	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.1	0.5	0.1	0.3	0.1	0.1	0.1	0.1	10.0
00:36	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	1.4	0.2	0.2	0.1	0.1	0.1	0.2	10.0

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MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

0.2 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 1.4 0.2 0.3 0.2 0.2 0.2 0.2 10.4 0.3

LOG STANDARD DEVIATION OF DATA

.623 .707 .677 .668 .659 .715 .733 .654 .704 .692 .706 .705 1.38 .873 .801 .693 .772 .751 .693 **** 1.13

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 16 0 0 0 0 0 0 16

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0 0 0 5

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/03/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2 SHIFT																				
23:47	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.1	0.0	0.7	0.1	0.3	12.0
00:27	0.0	0.2	0.2	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.3	12.1
01:07	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.1	0.0	0.1	0.3	12.1
01:47	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	12.4
02:27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.3	11.2
03:07	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.2	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.3	12.2
03:47	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	1.6	0.1	0.1	0.0	0.0	0.0	0.3	12.2
04:27	0.0	0.2	0.1	0.3	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.3	12.2
05:07	0.3	0.3	0.2	0.3	0.1	0.1	0.1	0.1	0.6	0.4	0.3	0.3	3.2	0.3	0.4	0.2	0.3	0.1	0.2	12.1
05:47	0.2	0.4	0.4	0.2	0.2	0.2	0.3	0.1	0.3	0.3	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.3	0.3	12.2
06:27	0.2	0.2	0.3	0.3	0.2	0.2	0.0	0.2	0.3	0.1	0.0	0.3	0.5	0.0	0.3	0.3	0.2	0.3	0.2	12.7
07:07	0.3	0.3	0.1	0.2	0.2	0.0	0.1	0.0	0.1	0.2	0.1	0.3	6.0	0.2	0.3	0.1	0.1	0.0	0.0	10.2
8 HOUR GEOMETRIC AVERAGES	D01/04/78																			
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	10.3
NUMBER OF TIMES EXCEEDING 5.0 PPM:	1																			

AVERAGE EXPOSURE BY JOB TYPE

J0B00: 0.1 J0B01: 0.1 J0B02: 0.1 J0B03: 0.0 J0B04: 0.0 J0B05: 0.2 J0B06: 0.2 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.2 J0B16: 0.3 J0B17: 0.0

2 SHIFT

07:47	0.2	0.2	0.0	0.6	0.1	0.0	0.1	0.1	0.2	0.0	0.2	0.1	1.2	0.2	0.5	0.2	0.4	0.3	0.2	9.9
08:27	0.3	0.3	0.2	0.1	0.4	0.1	0.2	0.2	0.1	0.1	0.2	0.5	0.4	0.1	0.3	0.4	0.2	0.1	0.1	10.0
09:07	0.3	0.1	0.4	0.1	0.2	0.1	0.2	0.2	0.4	0.4	0.2	0.0	1.8	0.2	0.1	0.2	0.2	0.2	0.2	10.1

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11:07	0.3	0.1	0.0	0.2	0.1	0.1	0.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.3	0.1	0.1	0.3	10.3
11:47	0.3	0.1	0.1	0.2	0.2	0.2	0.0	0.3	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.3	0.1	0.1	0.4	10.3
12:27	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.1	10.2
13:07	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.4	0.0	0.0	0.2	0.1	0.1	0.1	10.2
13:47	0.2	0.4	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.2	1.5	0.2	0.4	0.2	0.5	1.6	0.2	10.0
14:27	0.1	0.1	0.2	0.3	0.1	0.1	0.0	0.1	0.1	0.0	0.2	0.0	0.4	0.2	0.4	0.1	0.1	0.3	0.1	10.0
15:07	0.2	0.2	0.1	0.0	0.2	0.0	0.1	0.2	0.3	0.1	0.1	0.1	1.0	0.3	0.2	0.1	0.3	0.2	0.3	10.1
8 HOUR GEOMETRIC AVERAGES B01/04/78																				
	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.8	0.1	0.2	0.2	0.2	0.2	0.2	10.1
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0																				

AVERAGE EXPOSURE BY JOB TYPE

J0B00:	0.2	J0B01:	0.2	J0B02:	0.2	J0B03:	0.0	J0B04:	0.0	J0B05:	0.4	J0B06:	0.3	J0B07:	0.0
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.5	J0B16:	0.4	J0B17:	0.0

C SHIFT

15:47	0.2	0.1	0.4	0.2	0.4	0.1	0.1	0.2	0.2	0.2	0.1	0.1	2.9	0.2	0.1	0.1	0.1	0.1	0.1	10.2
16:27	0.1	0.2	0.1	0.3	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.1	0.2	0.3	0.2	0.0	0.1	0.1	0.1	10.3
17:07	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.2	0.1	0.0	0.0	0.0	0.0	10.3
17:47	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	10.3
18:27	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	10.3
19:07	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	10.2
19:47	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	10.1
20:27	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.0	10.4
21:07	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	10.5
21:47	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	10.5
22:27	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.1	0.0	0.0	0.0	0.1	10.4
23:07	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	10.2
8 HOUR GEOMETRIC AVERAGES C01/04/78																				
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.1	10.3
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0																				

AVERAGE EXPOSURE BY JOB TYPE

J0B00:	0.1	J0B01:	0.1	J0B02:	0.0	J0B03:	0.0	J0B04:	0.0	J0B05:	0.1	J0B06:	0.2	J0B07:	0.0
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.1	J0B16:	0.2	J0B17:	0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/04/78

	SAMPLE POINT																			SYSTEM
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	10.2	0.1
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		1

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/04/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A 8HR																					
23:47	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10.4
03:27	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	10.2
07:07	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	10.3
10:47	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	10.4
14:27	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10.5
18:07	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.2
21:47	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.6
01:27	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	10.3
05:07	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
08:47	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
12:27	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
16:07	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
19:47	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
23:27	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
03:07	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
03:47	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
08:27	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	10.3
05:07	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
08:47	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
12:27	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
16:07	0.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
19:47	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
23:27	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
03:07	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
03:47	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
08:27	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	10.3
05:07	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
08:47	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
12:27	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
16:07	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
19:47	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
23:27	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
03:07	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
03:47	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10.5
8 HOUR GEOMETRIC AVERAGES	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
NUMBER OF TIMES EXCEEDING 0.5 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 0.5 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AVERAGE EXPOSURE BY JOB TYPE

07:47	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.7	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.0	10.5
03:27	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	10.6
23:07	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	10.5
18:47	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	10.6
14:27	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	10.5
10:07	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	10.5
11:47	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.0	10.5
12:27	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.2	0.4	0.1	0.1	0.2	0.0	0.0	0.1	0.0	10.6
16:07	0.2	0.3	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.0	10.4
19:47	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.2	0.1	0.2	0.1	0.0	0.0	0.0	10.4
23:27	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.0	10.5
03:07	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.0	10.5
03:47	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.0	10.5
8 HOUR GEOMETRIC AVERAGES	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.0	

UCTC 20991

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/05/78

SAMPLE POINT

TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A SHIFT																				
23:47	0.1	0.2	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.2	0.2	0.2	4.5	0.1	0.4	0.2	0.2	0.1	0.4	10.3
00:27	0.1	0.6	0.3	0.2	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	3.0	0.1	0.2	0.2	0.5	0.3	0.2	10.4
01:07	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.8	0.1	0.2	0.1	0.2	0.1	0.2	10.3
01:47	0.1	0.1	0.1	0.1	0.0	0.2	0.1	0.2	0.0	0.1	0.1	0.1	0.9	0.1	0.2	0.2	0.2	0.2	0.1	10.2
02:27	0.1	0.3	0.2	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.2	1.1	0.2	0.2	0.1	0.2	0.2	0.1	10.3
03:07	0.0	0.1	0.4	0.1	0.1	0.0	0.1	0.4	0.2	0.1	0.5	0.0	0.6	0.3	0.5	0.1	0.2	0.2	0.2	10.4
03:47	0.1	0.2	0.2	0.2	0.4	0.5	1.4	0.7	0.3	0.3	0.4	0.2	0.8	0.0	0.4	0.2	0.0	0.0	0.0	10.1
04:27	0.2	0.2	0.2	0.3	0.1	0.0	0.1	0.2	0.1	0.2	0.2	0.2	0.7	0.4	0.2	0.2	0.2	0.3	0.2	10.4
05:07	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.2	0.3	0.0	0.1	0.0	0.1	0.1	0.1	10.4
05:47	0.1	0.4	0.3	0.1	0.0	0.1	0.3	0.2	0.1	0.2	0.0	0.1	0.0	0.1	0.0	0.1	0.3	0.0	0.1	10.4
06:27	0.2	0.2	0.3	0.1	0.0	0.1	0.0	0.2	0.1	0.0	0.1	0.0	2.0	0.1	0.2	0.2	0.1	0.1	0.1	10.1
07:07	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.2	0.2	0.1	0.0	0.2	2.6	0.0	0.1	0.4	0.1	0.1	0.0	10.4

8 HOUR GEOMETRIC AVERAGES A01/06/78 0.1 0.2 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 1.2 0.1 0.2 0.2 0.1 0.1 0.1 0.1 0.3

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB03:	0.1	J03801:	0.2	J03802:	0.1	J06803:	0.0	J06804:	0.0	J06805:	0.3	J06806:	0.4	J06807:	0.1					
J03810:	0.0	J03811:	0.0	J03812:	0.0	J06813:	0.0	J06814:	0.0	J06815:	0.3	J06816:	0.4	J06817:	0.0					

B SHIFT

07:47	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	10.4
08:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.1	2.1	0.1	0.2	0.2	0.0	0.0	0.1	10.2
09:07	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.1	0.0	0.0	0.0	10.2
09:47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.8	0.1	0.0	0.1	0.0	0.0	0.0	10.3
10:27	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.7	0.0	0.0	0.0	0.0	0.0	0.1	10.5
11:07	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.3	0.1	10.3
11:47	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	10.3
12:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	10.3
13:07	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.0	0.0	10.3
13:47	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.1	10.2
14:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
15:07	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	10.5

8 HOUR GEOMETRIC AVERAGES B01/06/78 0.0 0.1 0.1 0.0 0.0 0.0 0.1 0.0 0.0 0.1 3.2 0.0 0.1 0.1 0.0 0.0 0.0 0.0 0.5

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB03:	0.0	J03801:	0.0	J03802:	0.0	J06803:	0.0	J06804:	0.0	J06805:	0.1	J06806:	0.1	J06807:	0.0					
J03810:	0.0	J03811:	0.0	J03812:	0.0	J06813:	0.0	J06814:	0.0	J06815:	0.1	J06816:	0.2	J06817:	0.0					

A SHIFT

15:47	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	10.5
16:27	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	10.5

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UCTC 20995

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Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (1983)
ACL Doc 16404 · Page 94 of 196

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.1	JOB02:	0.1	JOB03:	0.0	JOB04:	0.0	JOB05:	0.1	JOB06:	0.2	JOB07:	0.0
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.1	JOB16:	0.2	JOB17:	0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/07/78

	SAMPLE POINT																				ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.2	0.1	0.1	0.1	0.1	10.1	0.2
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0		7

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.1	0.2	0.1	0.1	0.1	0.1	10.3	0.2
LOG STANDARD DEVIATION OF DATA	.740	.858	.739	.770	.812	.868	.871	.807	.362	.806	.822	.831	1.64	.882	.870	.790	.843	.852	.779	****	1.25
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0		24
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0		3

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/07/78

TIME	SAMPLE POINT																			
A SHIFT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23:47	0.3	0.1	0.4	0.1	0.2	0.5	0.1	0.2	0.2	0.1	0.2	0.2	12.2	0.3	0.2	0.1	0.2	0.2	0.1	10.0
00:27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	2.7
01:07	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.0	9.8
01:47	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	9.6

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UCTC 20997

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SUSPENSION VINYL RESINS DRYING [illegible] TEXAS

SUMMARY FOR 01/08/73 SAMPLE POINT ENTIRE UNIT

24 HOUR GEOMETRIC AVERAGES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.1	0.1	0.1	0.1	0.1	9.9	0.2

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.1	0.2	0.1	0.1	0.1	0.1	10.3	0.2

LOG STANDARD DEVIATION OF DATA

.712	.328	.727	.741	.784	.343	.345	.778	.327	.773	.799	.797	1.60	.857	.840	.760	.817	.325	.797	****	1.22

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	2	2	29

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3

VINYL CHLORIDE OF CONTINUOUS SAMPLES AT GAS CHROMATOGRAPHIC ANALYSIS DATA LOG-NORMAL STATISTICS

SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

01/08/73

SAMPLE POINT

TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Δ SHIFT																					
23#47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00#27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01#07	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
31#47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
32#27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03#07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03#47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04#27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05#07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
05#47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06#27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07#07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
3 HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM:									0												

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/09/73

SAMPLE POINT

1 2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

ENTIRE UNIT

24 HOUR GEOMETRIC AVERAGES

UCTC 20999

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Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (1983)
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UCTC 21000

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH
0.1 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.6 0.1 0.2 0.1 0.1 0.1 0.1 10.3 0.2

LOG STANDARD DEVIATION OF DATA
.712 .828 .727 .741 .784 .843 .845 .778 .827 .773 .799 .797 1.60 .857 .840 .760 .817 .825 .757 **** 1.22

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 25 0 0 0 0 0 0 25

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 2

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/09/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A SHIFT																					
23:47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	CHECK GAS
00:27	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	CHECK GAS
01:07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
01:47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	CHECK GAS
02:27	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	CHECK GAS
03:07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	CHECK GAS
03:47	0.2	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
04:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	CHECK GAS
05:07	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.2	0.1	0.1	0.2	0.0	0.0	0.2	0.1	CHECK GAS
05:47	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	CHECK GAS
07:07	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES											A01/10/78										

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE
J0B00: 0.2 J0B01: 0.2 J0B02: 0.2 J0B03: 0.0 J0B04: 0.0 J0B05: 0.4 J0B06: 0.4 J0B07: 0.1
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.6 J0B17: 0.0

C SHIFT

07:47	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.2	CHECK GAS
09:07	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.3	0.1	CHECK GAS

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NUMBER OF TIMES EXCEEDING 5.0 PPM
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/10/78

SAMPLE POINT

Δ Time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
23:47	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	CHECK GAS
00:27	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.1	CHECK GAS
01:07	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.5	0.0	0.0	0.4	0.0	CHECK GAS
01:47	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.3	0.0	CHECK GAS
02:27	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	CHECK GAS
03:07	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.1	CHECK GAS
03:47	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	CHECK GAS
04:27	0.1	0.3	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	CHECK GAS
05:07	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:47	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:47	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

GEOMETRIC AVERAGES A01/11/78

AVERAGE EXPOSURE BY JOB TYPE

J0000:	0.2	J0501:	0.2	J0602:	0.2	J0703:	0.0	J0804:	0.0	J0905:	0.0	J1006:	0.0	J1107:	0.0	J1208:	0.0	J1309:	0.0	J1410:	0.0
J0110:	0.0	J0611:	0.0	J0712:	0.0	J0813:	0.0	J0914:	0.0	J1015:	0.0										

Δ Time

07:47	0.3	0.2	0.3	0.3	0.0	0.3	0.1	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:27	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
10:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:07	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	CHECK GAS
11:47	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12:26	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:06	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14:26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15:06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

GEOMETRIC AVERAGES C01/11/78

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AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.2	JOB01: 0.0	JOB02: 0.0	JOB03: 0.0	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.4	JOB16: 0.6	JOB17: 0.0

D SHIFT

12:46	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
16:26	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17:06	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17:46	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
18:26	0.2	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	CHECK GAS
19:06	0.0	0.1	0.2	0.2	0.1	0.2	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.2	0.2	0.2	0.2	0.2	CHECK GAS
19:46	0.0	0.2	0.1	0.2	0.1	0.2	0.1	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	CHECK GAS
20:26	0.2	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.3	0.0	CHECK GAS
21:06	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:46	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.1	0.0	0.1	0.3	0.1	0.2	0.2	0.2	0.2	0.2	CHECK GAS
22:26	0.2	0.0	0.2	0.1	0.2	0.0	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	CHECK GAS
23:06	0.0	0.2	0.2	0.1	0.3	0.2	0.2	0.1	0.2	0.1	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.3	0.3	0.2	0.3	0.2	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 07/11/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.2	JOB01: 0.2	JOB02: 0.2	JOB03: 0.0	JOB04: 0.0	JOB05: 0.4	JOB06: 0.4	JOB07: 0.1
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.4	JOB16: 0.6	JOB17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL TESTS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/11/78

24 HOUR GEOMETRIC AVERAGES

SAMPLE POINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CENTER UNIT
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2
LOG STANDARD DEVIATION OF DATA	.712	.325	.727	.741	.784	.843	.845	.773	.527	.713	.799	.797	1.30	.357	.840	.760	.317	.325	.737	****	1.22
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	25
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1

UCTC 21003

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS

SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

01/11/78

SAMPLE POINT

TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
8 SHIFT																					
23:45	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:25	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	CHECK GAS
01:45	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	CHECK GAS
02:25	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	CHECK GAS
03:45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:25	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:05	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
05:45	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:25	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
07:05	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 01/12/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B03:	0.2	J0B01:	0.2	J0B02:	0.2	J0B03:	0.0	J0B04:	0.0	J0B05:	0.4	J0B06:	0.4	J0B07:	0.1						
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.4	J0B16:	0.6	J0B17:	0.0						

8 SHIFT

07:45	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	CHECK GAS
08:25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	CHECK GAS
09:05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:45	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
10:25	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	CHECK GAS
11:05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	CHECK GAS
11:45	0.1	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0	CHECK GAS
12:25	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	CHECK GAS
13:05	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
13:45	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
14:26	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	CHECK GAS
15:05	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 01/12/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B03:	0.2	J0B01:	0.2	J0B02:	0.2	J0B03:	0.0	J0B04:	0.0	J0B05:	0.4	J0B06:	0.4	J0B07:	0.1						
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.4	J0B16:	0.6	J0B17:	0.0						

8 SHIFT

15:45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
16:26	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	CHECK GAS
17:06	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS

UCTC 21004

19:06	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19:46	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
20:26	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:06	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
21:46	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	CHECK GAS
22:26	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	CHECK GAS
23:06	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.3	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.2	JOB01:	0.2	JOB02:	0.2	JOB03:	0.0	JOB04:	0.0
JOB05:	0.4	JOB06:	0.4	JOB07:	0.1	JOB10:	0.0	JOB11:	0.0
JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.4	JOB16:	0.6
JOB17:	0.0								

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/12/78

SAMPLE POINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
24 HOUR GEOMETRIC AVERAGES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

ENTIRE-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR JOBS
0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1

LOG STANDARD DEVIATION OF DATA
.712 .828 .727 .741 .784 .843 .645 .773 .827 .773 .799 .797 1.60 .857 .840 .760 .817 .825 .757 **** 1.22

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 25 0 0 0 0 0 0 0 0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0

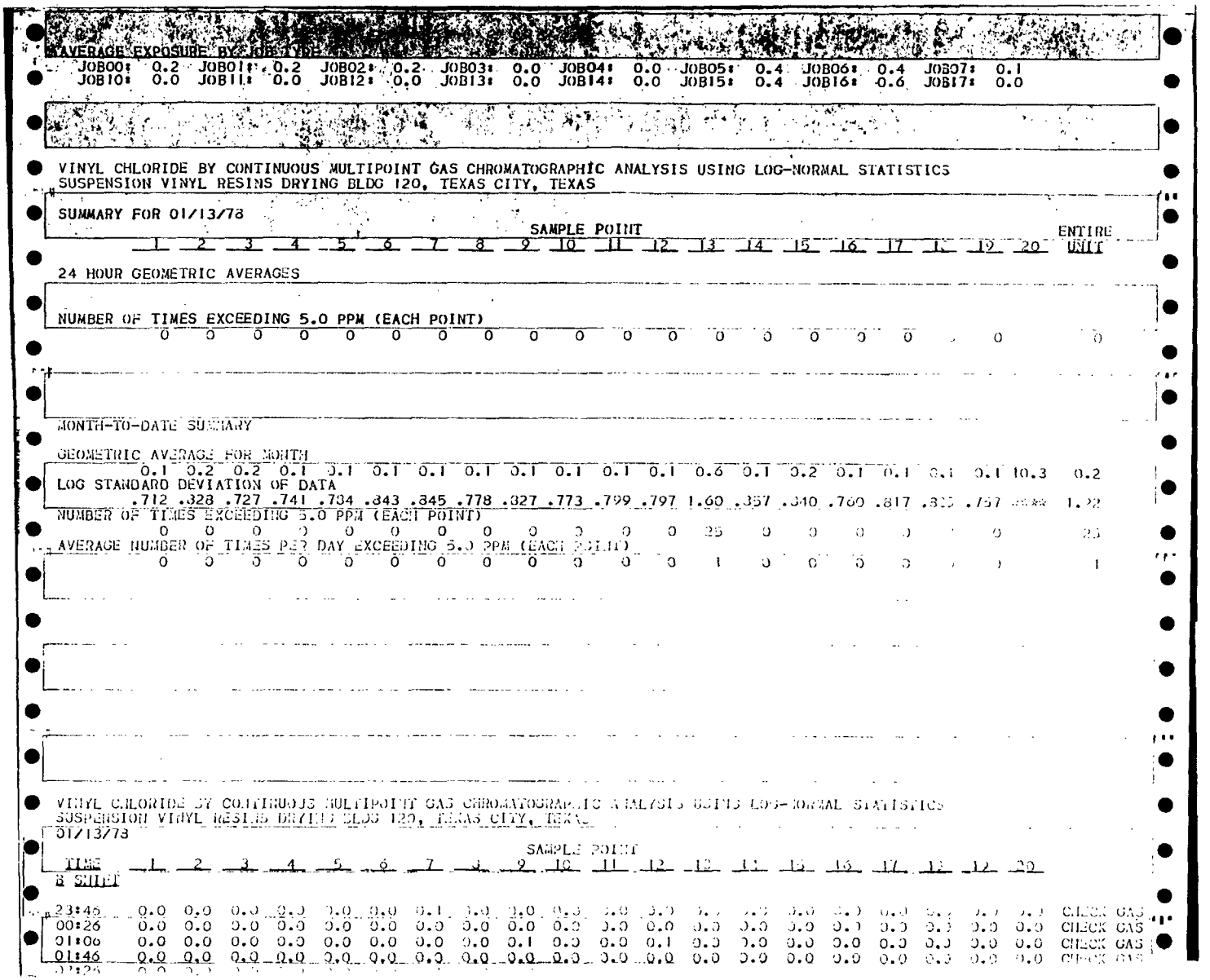
VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS

UCTC 21005

UCTC 21006

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AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.2	JOB01:	0.2	JOB02:	0.2	JOB03:	0.0	JOB04:	0.0	JOB05:	0.4	JOB06:	0.4	JOB07:	0.1
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.4	JOB16:	0.6	JOB17:	0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/13/78

	SAMPLE POINT																			ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTH-TO-DATE SUMMARY																					
GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.1	0.2	0.1	0.1	0.1	0.1	10.3	0.2
LOG STANDARD DEVIATION OF DATA	.712	.328	.727	.741	.734	.843	.845	.778	.827	.773	.799	.797	1.60	.357	.340	.760	.817	.835	.757	****	1.22
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0		25
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		1

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/13/78

TIME	SAMPLE POINT																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B SHIFT																				
23:46	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

UCTC 21007

UCTC 21008

VINYL CHLORIDE BY CONTINUOUS AND INTERMITTENT GAS CHROMATOGRAPHIC METHODS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
SUMMARY FOR 01/14/73

SAMPLE POINT
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 ENTIRE UNIT

24 HOUR GEOMETRIC AVERAGES
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH
0.1 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.6 0.1 0.2 0.1 0.1 0.1 0.1 10.3 0.2

LOG STANDARD DEVIATION OF DATA
.712 .328 .727 .741 .784 .843 .845 .778 .327 .773 .799 .797 1.60 .857 .840 .760 .817 .825 .757 **** 1.22

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/14/73

Time	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
23:46	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
00:26	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	CHECK GAS
01:06	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	CHECK GAS
01:46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	CHECK GAS
02:26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
03:06	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	CHECK GAS
03:46	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	CHECK GAS
04:26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	CHECK GAS
05:46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	CHECK GAS
06:26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
07:06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	CHECK GAS

NUMBER OF TIMES EXCEEDING 5.0 PPM 0 01/15/73

UCTC 21009

UCTC 21010

UCTC 21011

VINYL CHLORIDE BY CONTINUOUS ADSORPTION GAS CHROMATOGRAPHIC ANALYSIS USING LOS-ANGELES SCRUBBER

24 HOUR GEOMETRIC AVERAGES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
LOG STANDARD DEVIATION OF DATA																			

UCTC 21012

UCTC 21013

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOW-BOILING STANDARDS
SUSPENSION VINYL RESINS DRYING BLDG 129, TEXAS CITY, TEXAS
01/16/73

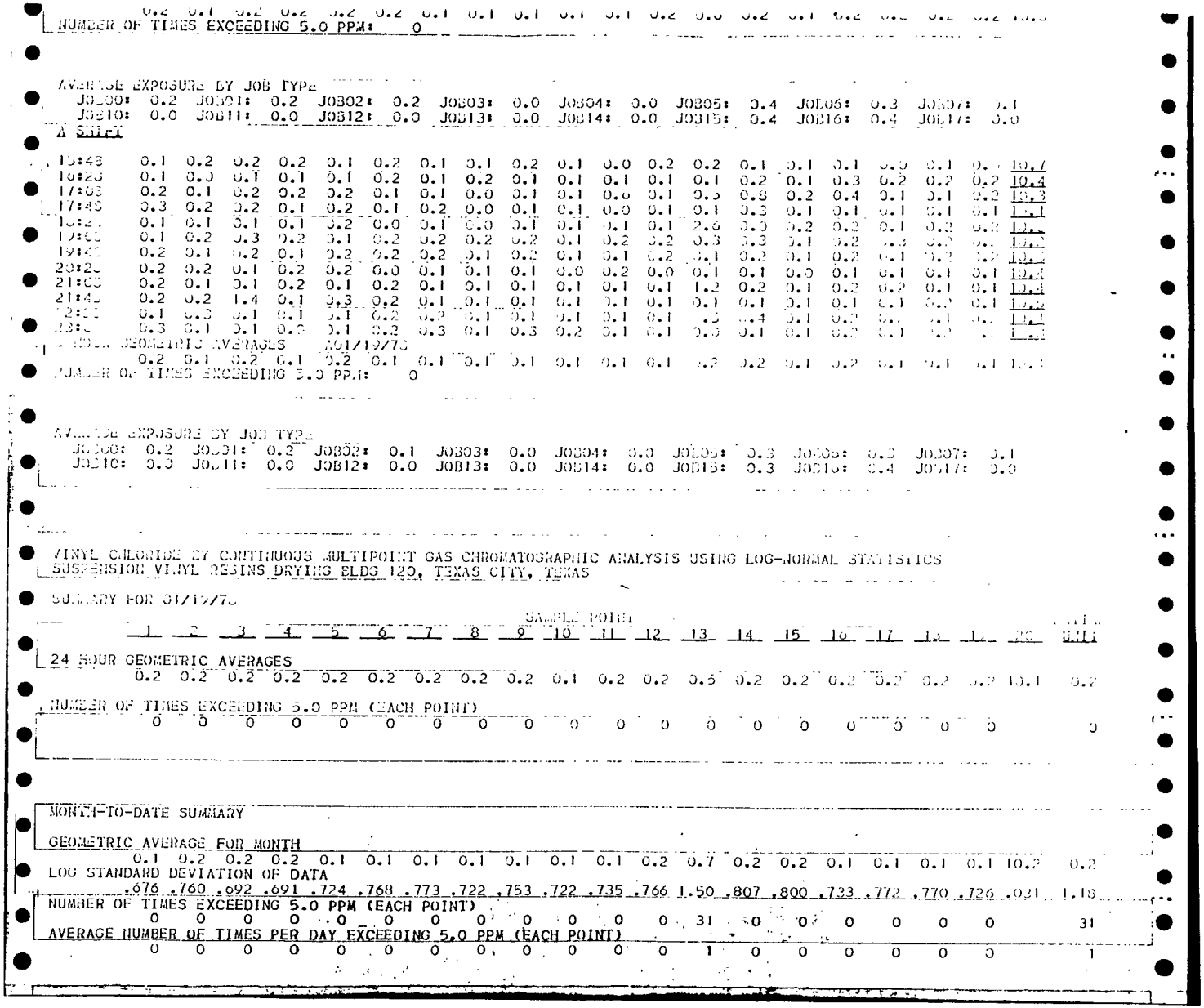
SAMPLE POINT

TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23:45	0.1	0.1	0.1	0.3	0.2	0.1	0.2	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	bad
00:45	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	bad
01:45	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.2	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	bad
02:45	0.0	0.2	0.2	0.1	0.0	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.1	0.1	0.1	bad
03:45	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.1	bad
04:45	0.2	0.1	0.3	0.2	0.1	0.3	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	bad
05:45	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	bad
06:45	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	bad
07:45	0.2	0.5	0.4	0.6	0.2	0.2	0.4	0.2	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.1	0.1	bad
08:45	0.2	0.5	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.3	0.4	0.1	0.1	0.2	0.2	0.2	0.1	0.1	bad
8 HOUR GEOMETRIC AVERAGES	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	bad
01/20/73																				
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0																				

AVERAGE EXPOSURE BY JOB TYPE

23:45	0.1	J05001:	0.2	J0502:	0.1	J0503:	0.0	J0504:	0.0	J0505:	0.4	J0506:	0.1							
07:45	0.0	J0511:	0.0	J0512:	0.0	J0513:	0.0	J0514:	0.0	J0515:	0.3	J0516:	0.2	J0517:	0.3	J0518:	0.2	J0519:	0.2	bad

UCTC 21014



NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B00: 0.2 J0B01: 0.2 J0B02: 0.2 J0B03: 0.0 J0B04: 0.0 J0B05: 0.4 J0B06: 0.3 J0B07: 0.1
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.4 J0B16: 0.4 J0B17: 0.0

A SHIFT

15:43	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	10.7
16:23	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.2	0.2	10.4
17:03	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.3	0.8	0.2	0.4	0.1	0.1	0.2	10.3
17:43	0.3	0.2	0.2	0.1	0.2	0.1	0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	10.1
18:2[illegible]	0.1	0.1	0.1	0.1	0.2	0.0	0.1	0.0	0.1	0.1	0.1	0.1	2.6	0.3	0.2	0.2	0.1	0.2	0.2	10.[illegible]
19:03	0.1	0.2	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.3	0.1	0.2	[illegible]	[illegible]	[illegible]	10.[illegible]
19:43	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	10.[illegible]
20:23	0.2	0.2	0.1	0.2	0.2	0.0	0.1	0.1	0.1	0.0	0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	10.[illegible]
21:03	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.2	0.2	0.1	0.2	0.2	0.1	0.1	10.4
21:43	0.2	0.2	1.4	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	10.[illegible]
22:[illegible]	0.1	0.3	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.[illegible]
23:[illegible]	0.3	0.1	0.1	0.2	0.1	0.2	0.3	0.1	0.3	0.2	0.1	0.1	0.3	0.1	0.1	0.2	0.1	0.2	[illegible]	10.[illegible]

[illegible] GEOMETRIC AVERAGES 01/19/75

0.2 0.1 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.1 0.2 0.1 0.1 0.1 10.3

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B00: 0.2 J0B01: 0.2 J0B02: 0.1 J0B03: 0.0 J0B04: 0.0 J0B05: 0.3 J0B06: 0.3 J0B07: 0.1
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.3 J0B16: 0.4 J0B17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/19/75

	SAMPLE POINT																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	[illegible]
24 HOUR GEOMETRIC AVERAGES	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	10.1	0.2
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

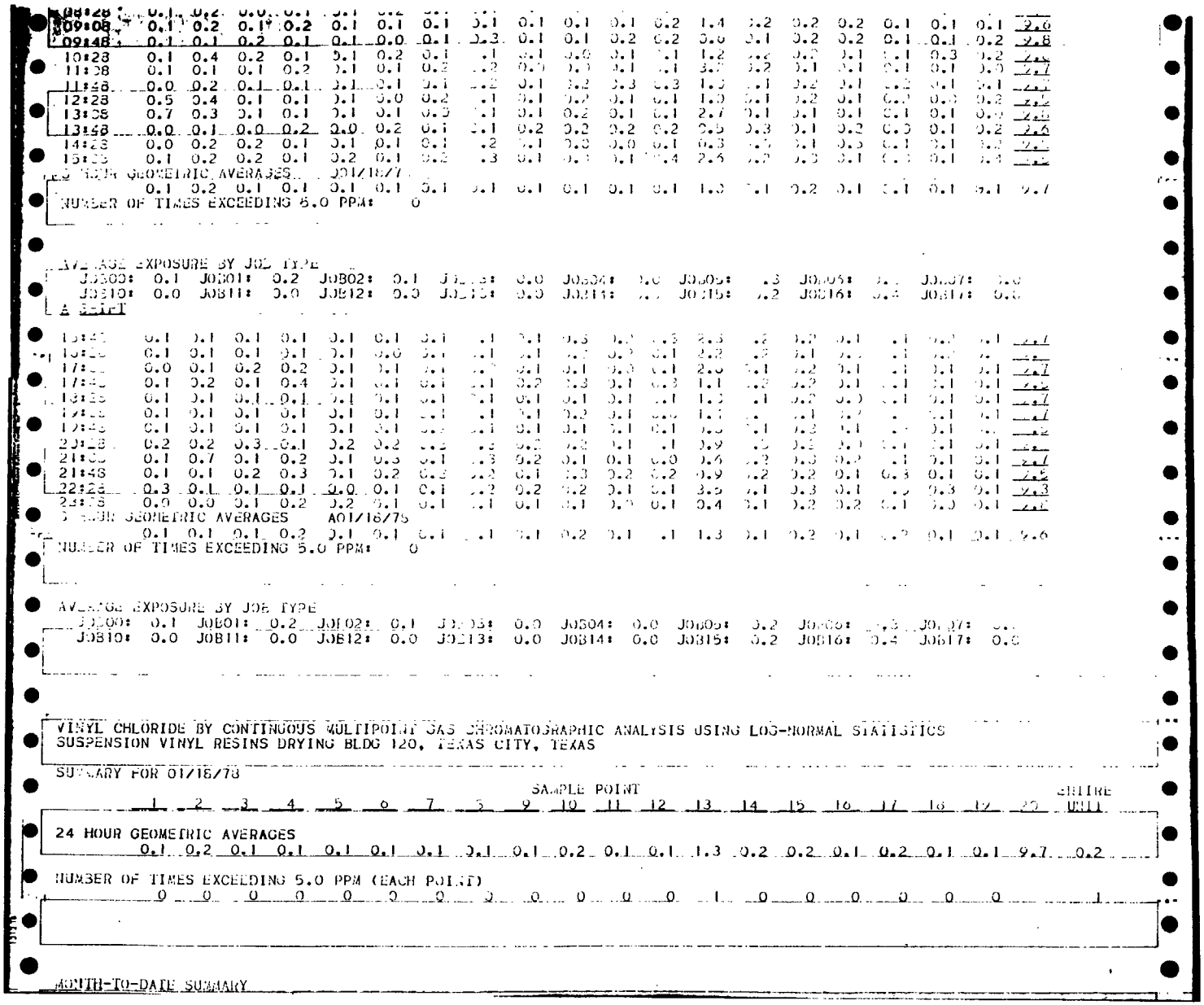
MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.7	0.2	0.2	0.1	0.1	0.1	0.1	10.2	0.2
LOG STANDARD DEVIATION OF DATA	.676	.760	.092	.691	.724	.768	.773	.722	.753	.722	.735	.766	1.50	.807	.800	.733	.772	.770	.726	.031	1.18
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0		31
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0		1

UCTC 21015

Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (198...
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UCTC 21016



08:28	0.1	0.2	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	1.4	0.2	0.2	0.2	0.1	0.1	0.1	9.6
09:08	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.2	0.2	0.6	0.1	0.2	0.2	0.1	0.1	0.2	9.8
09:48	0.1	0.1	0.2	0.1	0.1	0.0	0.1	0.3	0.1	0.1	0.2	0.2	0.6	0.1	0.2	0.2	0.1	0.1	0.2	9.8
10:28	0.1	0.4	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	1.2	0.2	0.2	0.1	0.1	0.3	0.2	9.8
11:08	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.0	0.0	0.1	0.1	3.2	0.2	0.1	0.1	0.1	0.1	0.0	9.7
11:48	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.3	1.0	0.1	0.2	0.1	0.2	0.1	0.1	9.8
12:28	0.5	0.4	0.1	0.1	0.1	0.0	0.2	0.1	0.1	0.2	0.1	0.1	1.0	0.1	0.2	0.1	0.0	0.0	0.2	9.8
13:08	0.7	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	2.7	0.1	0.1	0.1	0.1	0.1	0.0	9.8
13:48	0.0	0.1	0.0	0.2	0.0	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.6	0.3	0.1	0.2	0.0	0.1	0.2	9.8
14:28	0.0	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.3	0.2	0.1	0.3	0.1	0.1	0.0	9.8
15:08	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.3	0.1	0.3	0.1	0.4	2.6	0.2	0.3	0.1	0.1	0.1	0.3	9.8

8 HOUR GEOMETRIC AVERAGES 01/16/78

0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 1.3 0.1 0.2 0.1 0.1 0.1 0.1 9.7

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B00: 0.1 J0B01: 0.2 J0B02: 0.1 J0B03: 0.0 J0B04: 0.0 J0B05: 0.2 J0B06: 0.3 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.2 J0B16: 0.4 J0B17: 0.0

A SHIFT

15:48	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.3	2.3	0.2	0.2	0.1	0.1	0.2	0.1	9.7
16:28	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.1	2.2	0.2	0.1	0.2	0.1	0.2	0.2	9.8
17:08	0.0	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	2.0	0.1	0.2	0.1	0.1	0.1	0.1	9.7
17:48	0.1	0.2	0.1	0.4	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.3	1.1	0.2	0.2	0.1	0.1	0.1	0.1	9.8
18:28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.3	0.1	0.2	0.2	0.1	0.1	0.1	9.7
19:08	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	1.1	0.2	0.2	0.1	0.1	0.1	0.1	9.7
19:48	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	0.1	0.2	0.1	0.1	0.1	0.1	9.8
20:28	0.2	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.9	0.2	0.2	0.2	0.1	0.1	0.1	9.8
21:08	0.1	0.7	0.1	0.2	0.1	0.3	0.1	0.3	0.2	0.1	0.1	0.0	0.6	0.2	0.3	0.2	0.1	0.1	0.1	9.7
21:48	0.1	0.1	0.2	0.3	0.1	0.2	0.2	0.2	0.1	0.3	0.2	0.2	0.9	0.2	0.2	0.1	0.3	0.1	0.1	9.8
22:28	0.3	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	3.5	0.1	0.3	0.1	0.2	0.3	0.1	9.3
23:08	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.4	0.1	0.2	0.2	0.1	0.0	0.1	9.8

8 HOUR GEOMETRIC AVERAGES A01/16/78

0.1 0.1 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.2 0.1 0.1 1.3 0.1 0.2 0.1 0.2 0.1 0.1 9.6

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B00: 0.1 J0B01: 0.2 J0B02: 0.1 J0B03: 0.0 J0B04: 0.0 J0B05: 0.2 J0B06: 0.3 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.2 J0B16: 0.4 J0B17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/16/78

	SAMPLE POINT																		SPARE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	1.3	0.2	0.2	0.1	0.2	0.1	0.1	9.7	0.2
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	

MONTH-TO-DATE SUMMARY

UCTC 21017

Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (198...
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asbestosclaims.law/library/16404/115

0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 1.6 0.3 0.4 0.2 0.2 0.2 0.3 [illegible] [illegible]

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 [illegible] 0 0 0 0 0 0 [illegible]

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH
0.1 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.6 0.2 0.2 0.1 0.1 0.1 0.1 [illegible] [illegible]

LOG STANDARD DEVIATION OF DATA
.718 .814 .727 .734 .782 .833 .835 .771 .818 .773 .757 .824 1.03 [illegible] .853 .704 [illegible] [illegible] .771 .81 [illegible]

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 [illegible] 0 0 0 0 0 0 [illegible]

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/17/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1	12	[illegible]
A SHIFT																				
23:48	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.4	0.3	0.2	6.8	0.5	0.5	0.2	0.2	0.1	0.1	[illegible]
00:28	0.3	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	1.6	0.2	0.2	0.3	0.2	2.3	0.1	[illegible]
01:08	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	1.5	0.1	0.3	0.1	0.2	0.1	0.1	[illegible]
01:48	0.0	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.2	1.3	0.2	0.5	0.3	[illegible]	0.1	0.2	[illegible]
02:28	0.1	0.2	0.6	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.1	1.9	0.1	0.2	0.1	0.1	[illegible]	0.1	[illegible]
03:08	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.7	0.1	0.1	0.1	0.1	0.1	0.2	[illegible]
03:48	0.1	0.2	0.3	0.2	0.1	0.2	0.4	0.2	0.1	0.4	0.2	0.2	2.2	0.3	0.2	0.1	0.3	0.2	0.2	[illegible]
04:28	0.1	0.2	0.1	0.1	0.0	0.1	0.2	0.1	0.2	0.5	0.2	0.1	3.2	0.3	0.2	0.1	0.2	0.2	0.1	[illegible]
05:08	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	0.1	0.3	0.2	0.1	0.1	0.2	[illegible]
05:48	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.1	2.2	0.3	0.2	0.1	0.3	0.2	0.2	[illegible]
06:28	0.1	0.2	0.2	0.3	0.2	0.1	0.3	0.1	0.2	0.1	0.4	0.2	0.7	0.1	0.3	0.1	0.2	0.1	0.1	[illegible]
07:08	0.1	0.3	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.3	0.1	0.2	1.3	0.2	0.2	0.3	0.1	0.1	0.1	[illegible]
8 HOUR GEOMETRIC AVERAGES 801/18/78	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.1	1.7	0.2	0.2	0.2	0.2	0.1	0.1	9.7
NUMBER OF TIMES EXCEEDING 5.0 PPM:	1																			

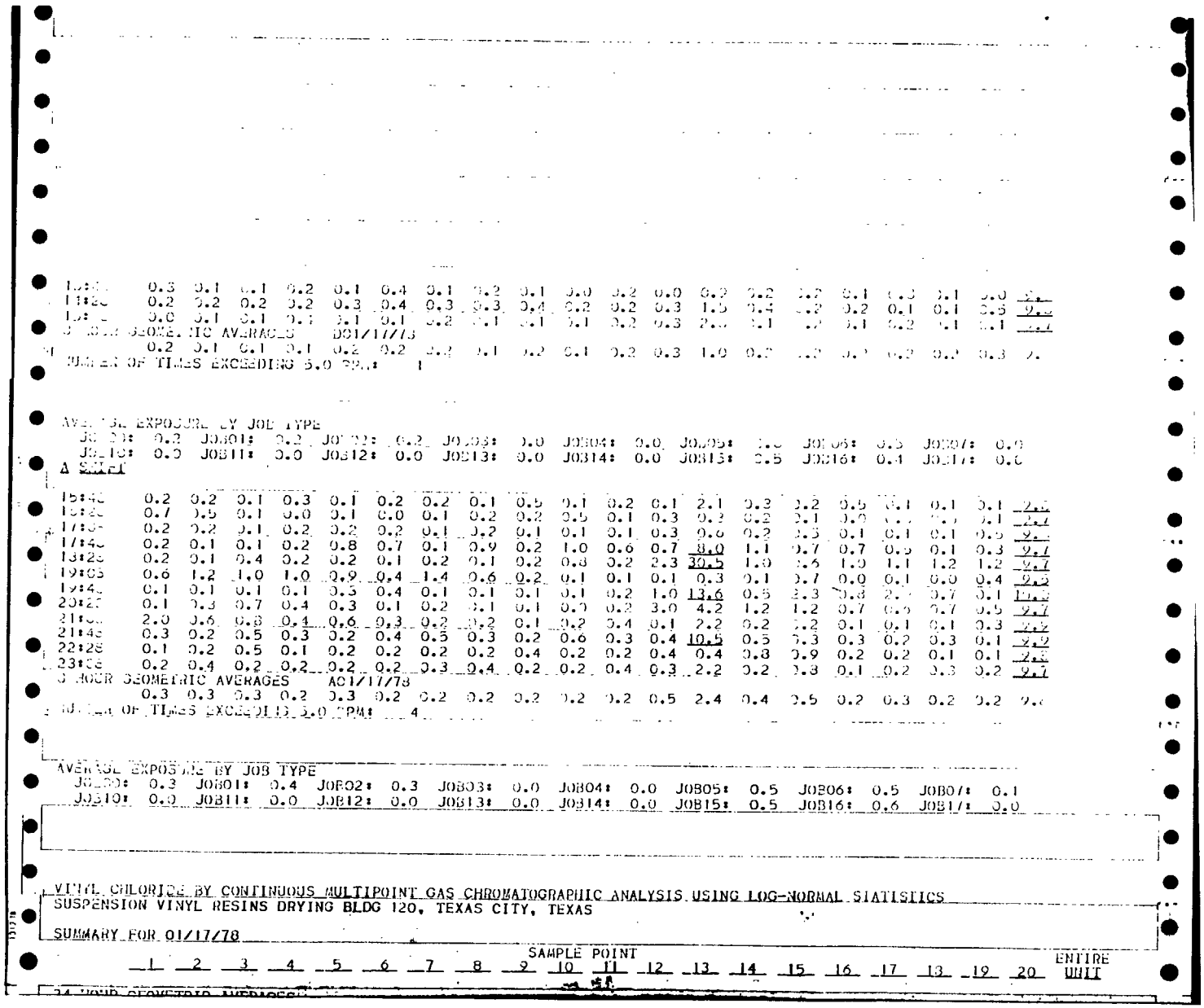
AVERAGE EXPOSURE BY JOB TYPE
JOB00: 0.1 JOB01: 0.2 JOB02: 0.2 JOB03: 0.0 JOB04: 0.0 JOB05: 0.3 JOB06: 0.4 JOB07: 0.1
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.3 JOB16: 0.6 JOB17: 0.0

B SHIFT

07:48	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.6	0.3	0.4	0.1	0.3	0.1	0.1	9.6

UCTC 21018

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15:4[illegible]	0.3	0.1	0.1	0.2	0.1	0.4	0.1	0.2	0.1	0.0	0.2	0.0	0.0	0.2	0.2	0.1	0.3	0.1	0.0	[illegible]
16:2[illegible]	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.4	0.2	0.2	0.3	1.5	0.4	0.2	0.2	0.1	0.1	0.5	[illegible]
16:[illegible]	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.3	2.[illegible]	0.1	0.2	0.1	0.2	0.1	0.1	[illegible]
8 HOUR GEOMETRIC AVERAGES																				
	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.3	1.0	0.2	0.2	0.1	0.2	0.2	0.3	[illegible]

NUMBER OF TIMES EXCEEDING 5.0 PPM: 1

AVERAGE EXPOSURE BY JOB TYPE

J0[illegible]: 0.2 J0B01: 0.2 J0B02: 0.2 J0B03: 0.0 J0B04: 0.0 J0B05: [illegible] J0B06: 0.5 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.5 J0B16: 0.4 J0B17: 0.0

A SHIFT

15:4[illegible]	0.2	0.2	0.1	0.3	0.1	0.2	0.2	0.1	0.5	0.1	0.2	0.1	2.1	0.3	0.2	0.5	0.1	0.1	0.1	[illegible]
16:2[illegible]	0.7	0.5	0.1	0.0	0.1	0.0	0.1	0.2	0.2	0.5	0.1	0.3	0.2	0.2	0.1	0.0	[illegible]	[illegible]	0.1	[illegible]
17:0[illegible]	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.6	0.2	0.5	0.1	0.1	0.1	0.5	[illegible]
17:4[illegible]	0.2	0.1	0.1	0.2	0.8	0.7	0.1	0.9	0.2	1.0	0.6	0.7	8.0	1.1	0.7	0.7	0.5	0.1	0.3	[illegible]
18:2[illegible]	0.2	0.1	0.4	0.2	0.2	0.1	0.2	0.1	0.2	0.8	0.2	2.3	30.5	1.0	0.6	1.0	1.1	1.2	1.2	[illegible]
19:0[illegible]	0.6	1.2	1.0	1.0	0.9	0.4	1.4	0.6	0.2	0.1	0.1	0.1	0.3	0.1	0.7	0.0	0.1	0.0	0.4	[illegible]
19:4[illegible]	0.1	0.1	0.1	0.1	0.5	0.4	0.1	0.1	0.1	0.1	0.2	1.0	13.6	0.5	2.3	0.8	2.[illegible]	0.7	0.1	[illegible]
20:2[illegible]	0.1	0.3	0.7	0.4	0.3	0.1	0.2	0.1	0.1	0.0	0.2	3.0	4.2	1.2	1.2	0.7	0.5	0.7	0.5	[illegible]
21:0[illegible]	2.0	0.6	0.8	0.4	0.6	0.3	0.2	0.2	0.1	0.2	0.4	0.1	2.2	0.2	0.2	0.1	0.1	0.1	0.3	[illegible]
21:4[illegible]	0.3	0.2	0.5	0.3	0.2	0.4	0.5	0.3	0.2	0.6	0.3	0.4	10.5	0.5	0.3	0.3	0.2	0.3	0.1	[illegible]
22:2[illegible]	0.1	0.2	0.5	0.1	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.4	0.4	0.8	0.9	0.2	0.2	0.1	0.1	[illegible]
23:0[illegible]	0.2	0.4	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.2	0.4	0.3	2.2	0.2	0.8	0.1	0.2	0.3	0.2	[illegible]
8 HOUR GEOMETRIC AVERAGES																				
	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.5	2.4	0.4	0.5	0.2	0.3	0.2	0.2	[illegible]

NUMBER OF TIMES EXCEEDING 5.0 PPM: 4

AVERAGE EXPOSURE BY JOB TYPE

J0[illegible]: 0.3 J0B01: 0.4 J0B02: 0.3 J0B03: 0.0 J0B04: 0.0 J0B05: 0.5 J0B06: 0.5 J0B07: 0.1
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.5 J0B16: 0.6 J0B17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/17/78

	SAMPLE POINT																			ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES																				

UCTC 21019

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VINYL CHLORIDE BY CONTINUOUS GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DEPTS 5206 125, TEXAS CITY, TEXAS

SUMMARY FOR 01/22/76

	SAMPLE POINT																				LIMIT OF DETECTION
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	2.6	0.3	0.5	0.3	0.3	0.3	0.3	10.6	0.1
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	1	0	0	0		5
MONTH-TO-DATE SUMMARY																					
GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.2	0.6	0.2	0.2	0.1	0.1	0.2	0.2	10.3	0.2

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 129, TEXAS CITY, TEXAS

SAMPLE POINT

START	1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
23:46	0.1	0.3	0.4	0.2	0.3	0.3	0.3	0.2	0.1	0.3	0.4	3.4	0.1	0.5	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	10.6
00:23	0.2	0.5	0.1	0.2	0.4	0.5	0.1	0.1	0.2	0.3	0.2	3.3	0.1	0.5	0.1	0.1	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	10.2
01:03	0.1	0.2	0.3	0.2	0.3	0.3	0.7	0.3	0.1	0.2	0.5	1.3	0.1	0.6	0.4	0.1	0.4	0.1	0.3	0.1	0.2	0.1	0.1	0.1	10.6
01:43	0.2	0.2	0.3	0.3	0.1	0.3	0.3	0.2	0.3	0.3	0.2	0.4	0.4	0.1	0.3	0.3	0.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2	10.5
02:23	0.1	0.3	0.2	0.1	0.1	1.2	0.1	0.5	0.1	0.8	0.4	0.2	0.4	0.3	0.3	0.2	0.1	0.6	0.1	0.1	0.1	0.1	0.1	0.6	10.4
03:03	0.4	0.2	0.2	0.3	0.1	0.3	0.1	0.1	0.3	0.3	0.1	0.3	0.1	0.2	0.3	0.7	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	10.6
03:43	0.1	0.2	0.2	0.1	0.2	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.7	0.2	0.2	0.2	0.2	0.2	0.2	10.5
04:23	0.1	0.1	0.2	0.4	0.2	0.4	0.1	0.3	0.3	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	10.4
05:03	0.1	0.6	0.1	0.1	0.4	0.3	0.2	0.3	0.3	0.2	0.2	0.7	3.8	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	10.7
05:43	0.1	0.2	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.1	0.1	0.2	2.1	0.1	0.3	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	10.7
06:23	0.1	0.3	0.3	0.5	0.1	0.2	0.2	0.5	0.2	0.3	0.1	0.1	0.9	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	10.8
07:08	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.9	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	10.6
8 HOUR GEOMETRIC AVERAGES	0.2	0.3	0.2	0.2	0.1	0.3	0.2	0.3	0.2	0.2	0.2	0.2	1.0	0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	10.6
NUMBER OF TIMES EXCEEDING 5.0 PPM:	0																								

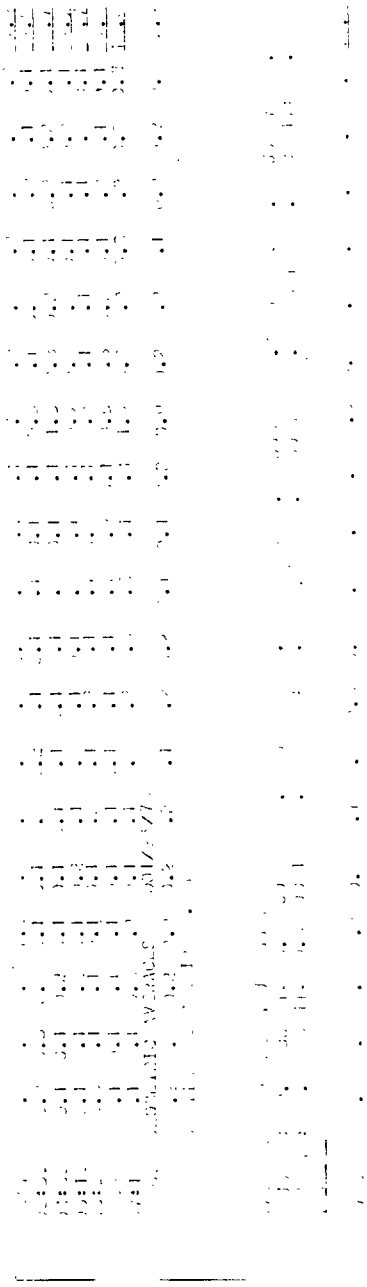
C01/21/78

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AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS

SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

01/26/78

TIME	SAMPLE POINT																			
D SHIFT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23:56	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.0	0.1	0.1	0.1	12.1
00:36	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.0	0.1	0.0	0.3	0.0	0.0	12.5
01:16	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.3	0.0	0.2	0.1	0.1	0.1	0.1	10.9
01:56	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	1.3	0.0	0.1	0.1	0.1	0.1	0.0	10.7
02:35	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	10.6
03:16	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	10.5
03:56	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.0	0.1	10.7
04:36	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.3	0.0	0.0	0.1	0.0	1.9	0.1	0.2	0.2	0.3	0.1	0.1	12.1
05:16	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.4	0.2	0.2	0.2	1.3	0.4	0.2	0.2	0.2	0.2	0.1	10.1
05:56	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	10.3
06:36	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	0.0	0.1	0.1	0.2	0.0	0.1	10.7
07:16	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.3	0.1	0.0	0.1	0.1	0.1	0.1	10.7
8 HOUR GEOMETRIC AVERAGES	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	10.5

01/27/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.1 JOB01: 0.1 JOB02: 0.1 JOB03: 0.0 JOB04: 0.0 JOB05: 0.2 JOB06: 0.2 JOB07: 0.0

JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.2 JOB16: 0.3 JOB17: 0.0

A SHIFT

07:56 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.1 0.1 0.1 0.6 0.1 0.0 0.2 0.1 0.1 0.1 10.7

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AVERAGE EXPOSURE BY JOB TYPE

J0B00:	0.1	J0B01:	0.1	J0B02:	0.1	J0B03:	0.0	J0B04:	0.0	J0B05:	0.2	J0B06:	0.3	J0B07:	0.0											
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.2	J0B16:	0.3	J0B17:	0.0											

C SHIFT

15:56	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	1.2	0.1	0.3	0.1	0.1	0.1	0.2	10.4						
15:36	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	2.7	0.2	0.1	0.1	0.2	0.2	0.2	0.2	10.3						
17:16	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.2	1.8	0.1	0.2	0.2	0.2	0.2	0.2	0.2	10.3						
17:56	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.4	0.1	0.2	0.2	0.2	0.4	0.2	0.2	0.3	0.2	0.2	0.1	10.3						
13:36	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.2	0.2	1.8	0.3	0.2	0.1	0.1	0.1	0.2	0.3	10.2						
19:16	0.2	0.1	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.5	1.1	0.9	2.8	1.5	0.8	0.8	0.6	0.3	0.8	10.2						
19:56	0.8	0.5	0.6	0.7	0.4	0.7	0.4	0.6	1.1	0.9	0.3	0.3	1.7	1.3	1.0	0.4	0.5	0.5	0.9	10.3						
25:36	0.3	0.4	0.8	0.4	0.5	0.4	0.5	0.6	0.6	0.5	0.8	0.7	7.6	0.7	0.6	0.8	0.2	0.5	1.1	10.2						
21:16	0.3	0.8	0.7	1.1	0.3	0.2	1.0	0.8	0.6	0.7	1.0	1.1	2.2	1.1	1.4	0.6	1.0	0.3	0.6	10.3						
21:56	0.3	0.6	1.0	0.4	0.4	1.0	0.5	1.2	0.3	0.5	0.6	0.7	3.4	0.4	0.6	0.5	0.6	0.6	0.7	10.2						
22:36	0.5	0.3	0.6	0.9	0.5	1.5	0.4	1.0	0.2	1.2	0.6	0.7	10.7	1.9	0.9	0.6	0.6	0.3	0.3	10.5						
23:16	0.6	0.3	0.3	0.6	0.6	0.5	0.8	0.5	0.5	0.4	0.5	1.3	11.1	0.8	0.6	0.6	0.4	0.5	0.5	10.7						

8 HOUR GEOMETRIC AVERAGES C01/27/78

	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4	0.4	3.4	0.5	0.4	0.3	0.3	0.3	0.4	10.3						

8 HOUR EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B00:	0.3	J0B01:	0.7	J0B02:	0.3	J0B03:	0.0	J0B04:	0.0	J0B05:	0.7	J0B06:	0.9	J0B07:	0.1											
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.0	J0B16:	1.0	J0B17:	0.0											

MULTI-TOP TUBE GAS CHROMATOGRAPHIC ANALYSIS USING LOS-ROMAC ANALYTICS

[illegible], TEXAS CITY, TEXAS

SAMPLE POINT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

8 HOUR GEOMETRIC AVERAGES

	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.8	0.2	0.2	0.1	0.2	0.1	0.2	10.3

8 HOUR EXCEEDING 5.0 PPM (EACH POINT)

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SHIFT-TO-DATE SUMMARY

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

01/27/78

SAMPLE POINT

TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2 SHIFT																				
23:56	0.4	0.5	0.4	1.0	0.3	0.9	0.3	0.7	0.4	0.4	0.4	0.2	4.0	0.5	0.5	0.5	0.9	0.5	0.3	10.7
00:36	0.2	0.2	0.2	0.3	0.1	0.6	0.3	0.2	0.1	0.3	0.4	0.4	2.7	0.1	0.4	0.2	0.3	0.4	0.5	10.5
01:16	0.1	0.4	0.3	0.2	0.3	0.2	0.3	0.2	0.1	0.5	0.3	0.4	3.9	0.5	1.5	0.5	0.4	1.3	0.3	10.7
01:56	0.3	0.2	0.3	0.4	0.3	0.4	0.4	0.5	0.2	0.4	0.3	0.9	2.5	0.5	0.6	0.7	0.2	0.2	0.2	10.4
02:36	0.2	0.3	0.3	0.5	0.2	0.2	0.5	0.3	0.2	0.4	0.5	12.7	0.4	0.3	0.3	0.2	0.1	0.1	0.3	10.6
03:16	0.2	0.1	0.3	0.2	0.2	0.5	0.2	0.4	0.3	0.3	0.2	0.5	0.5	0.2	0.2	0.2	0.5	0.2	0.7	10.6
03:56	0.1	0.2	0.2	0.3	0.2	0.3	0.3	0.4	0.2	0.2	0.6	0.2	3.0	0.6	0.5	0.1	1.1	0.2	0.3	10.5
04:36	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.3	0.3	0.5	0.5	2.0	0.3	0.3	0.1	0.1	0.2	0.2	10.5
05:16	0.1	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	2.4	0.1	0.5	0.2	0.2	0.2	0.3	10.5
05:56	0.2	0.3	0.2	0.5	0.2	0.3	0.2	0.2	0.2	0.4	0.1	0.4	2.3	0.1	0.3	0.3	0.5	0.2	0.3	10.7
06:36	0.3	0.1	0.5	0.2	0.2	0.3	0.2	0.4	0.2	0.3	0.2	0.2	0.5	0.3	0.1	0.2	0.4	0.3	0.4	10.7
07:16	0.2	0.4	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	2.0	0.1	0.5	0.2	0.2	0.2	0.2	10.5
3 HOUR GEOMETRIC AVERAGES	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.4	2.7	0.2	0.4	0.3	0.3	0.3	0.3	10.6
01/23/78																				
NUMBER OF TIMES EXCEEDING 5.0 PPM: 2																				

AVERAGE EXPOSURE BY JOB TYPE

JOB90:	0.2	JOB01:	0.4	JOB02:	0.3	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.7	JOB07:	3.1					
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.5	JOB16:	0.5	JOB17:	0.0					
4 SHIFT																				
07:56	0.1	0.3	0.2	0.1	0.1	0.2	0.1	0.2	0.4	0.2	0.2	0.3	1.3	0.2	0.2	0.3	0.1	0.2	0.2	10.1
08:36	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1	0.3	0.2	2.6	0.3	0.1	0.1	0.3	0.2	0.1	10.7
09:16	0.1	0.2	0.3	0.3	0.1	0.6	1.0	0.9	0.3	1.1	0.3	1.2	7.3	1.5	1.3	0.4	0.7	0.4	0.9	10.6
09:56	0.5	0.5	0.2	0.5	0.5	0.4	0.4	0.5	0.3	1.4	1.0	0.5	6.9	0.4	1.0	1.6	0.6	0.7	0.8	10.5
10:36	0.7	1.6	0.9	0.8	0.4	0.4	0.9	0.3	0.5	0.9	0.3	0.1	10.0	0.6	1.0	0.2	0.4	0.3	0.2	10.4
11:16	0.7	1.4	1.2	0.5	0.7	0.5	0.5	1.2	0.5	0.5	0.5	1.0	5.0	0.6	0.8	0.6	0.7	0.5	0.5	10.3
11:56	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.4	0.2	0.2	0.5	0.2	1.3	0.1	0.5	0.3	0.5	0.3	0.2	10.3
12:36	0.5	0.5	0.4	0.6	0.5	0.1	0.6	0.3	0.5	0.4	0.5	0.3	0.9	0.6	0.2	0.2	0.1	0.1	0.4	10.2
13:16	3.5	0.4	0.2	0.3	0.2	0.2	0.2	0.3	0.1	0.1	0.2	0.3	3.5	0.2	0.2	0.1	0.1	0.1	0.2	10.5
13:56	0.2	0.3	0.2	0.3	0.1	0.1	0.2	0.1	0.4	0.2	0.1	0.2	1.5	0.2	0.3	0.2	0.2	0.1	0.2	10.3
14:36	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.1	1.3	0.1	0.4	0.4	0.2	0.1	0.2	10.9
15:16	0.2	0.1	0.3	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.3	4.6	0.4	0.2	0.2	0.1	0.2	0.3	10.6

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AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.1	JOB01:	0.1	JOB02:	0.1	JOB03:	0.0	JOB04:	0.0	JOB05:	0.1	JOB06:	0.2	JOB07:	0.0					
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.1	JOB16:	0.3	JOB17:	0.0					

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/29/76

	SAMPLE POINT																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
24 HOUR GEOMETRIC AVERAGES	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.2	0.2	0.1	0.1	0.1	0.1	10.9
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

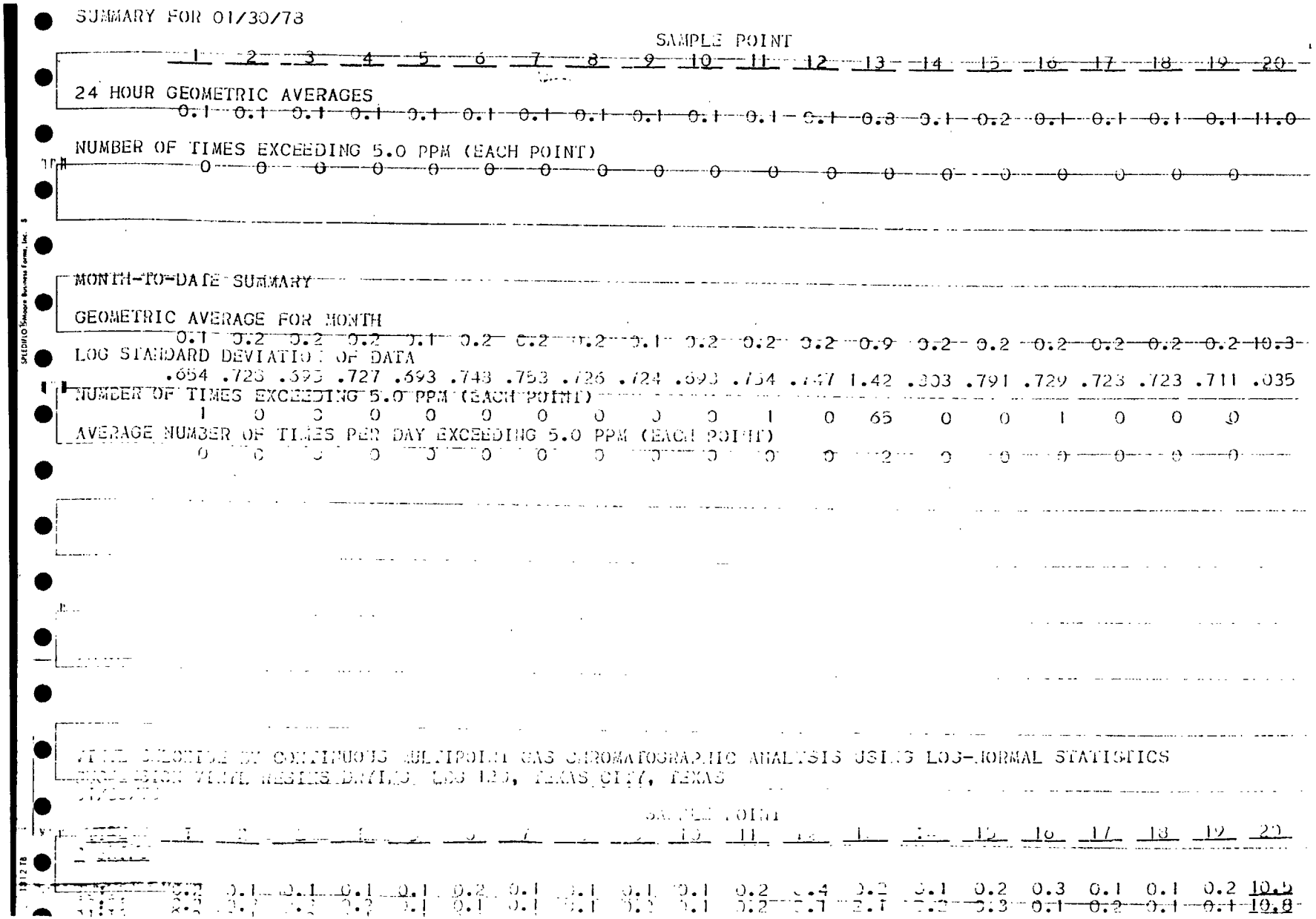
MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	0.2	0.2	10.3
LOG STANDARD DEVIATION OF DATA	.004	.734	.897	.734	.398	.751	.758	.735	.731	.703	.756	.755	1.43	.309	.760	.731	.730	.709	.715	.925
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	1	0	0	0	0	0	0	0	0	0	1	0	65	0	0	1	0	0	0	0
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

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UCTC 21036

Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (198...
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SUMMARY FOR 01/30/78

SAMPLE POINT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

24 HOUR GEOMETRIC AVERAGES

0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.1	0.2	0.1	0.1	0.1	0.1	11.0

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	0.2	0.2	10.3

LOG STANDARD DEVIATION OF DATA

.654	.723	.695	.727	.693	.748	.753	.726	.724	.693	.754	.747	1.42	.303	.791	.729	.723	.723	.711	.035

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

1	0	0	0	0	0	0	0	0	0	1	0	65	0	0	1	0	0	0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0

...TILE ANALYSIS BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
...PLANT 515 VINYL RESINS DEPT., BLDG 120, TEXAS CITY, TEXAS

SAMPLE POINT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.2	0.1	0.2	0.3	0.1	0.1	0.2	10.5
0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.1	0.2	0.1	0.1	10.8

UCTC 21037

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/15/78

SAMPLE POINT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
24-HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONITORING-DATE SUMMARY																					
8-HOUR TIME-WEIGHTED AVERAGE EXPOSURE																					
10421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8-HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0																					
AVERAGE EXPOSURE BY JOB TYPE																					
JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0																					
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0																					
24-HOUR GEOMETRIC AVERAGES																					
AVERAGE EXPOSURE BY JOB TYPE																					
JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0																					
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0																					
24-HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0																					
8-HOUR TIME-WEIGHTED AVERAGE EXPOSURE																					
10421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8-HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0																					
AVERAGE EXPOSURE BY JOB TYPE																					
JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0																					
JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0																					
24-HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONITORING-DATE SUMMARY																					
8-HOUR TIME-WEIGHTED AVERAGE EXPOSURE																					
10421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8-HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0																					

UCTC 21038

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01214778

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
2341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0221	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0301	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0501	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0541	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0621	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0701	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0741	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

LOG STANDARD DEVIATION OF DATA

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

JOB141 TO 0; JOB135 0.0; JOB145 0.0; JOB147 0.0

NUMBER OF TIMES EXCEEDING 5.0 PPM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

GEOMETRIC AVERAGES 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

UCTC 21039

UCTC 21040

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/13/78

SAMPLE POINT — ENTIRE UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
24 HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 3.0 PPM (EACH POINT)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NUMBER-TO-DATE SUMMARY																					
GEOMETRIC AVERAGE FOR MONTH																					
LOG STANDARD DEVIATION OF DATA																					
NUMBER OF TIMES EXCEEDING 3.0 PPM (EACH POINT)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 3.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/13/78

SAMPLE POINT

1146	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1 SHIFT																					
23441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02221	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

UCTC 21041

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UCTC 21042

UCTC 21043

SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

01/11/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A SHIFT																					
2344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0238	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0336	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0434	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0532	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0728	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

A01/12/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0						
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0						

B SHIFT

0144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0242	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0538	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0636	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0734	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0832	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1224	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1322	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1420	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1518	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1616	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1714	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1812	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2106	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2204	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2302	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

C01/12/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0						
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0						

C SHIFT

0144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0242	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0538	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0636	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0734	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0832	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1224	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1322	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1420	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1518	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1616	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1714	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1812	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2106	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2204	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2302	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

C01/12/78

UCTC 21044

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UCTC 21045

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS

SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

01/10/78

TIME	SAMPLE POINT																			
C SHIFT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES																				
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COI/11/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0					
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0					

A SHIFT

07:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
10:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES																				
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

AOI/11/78

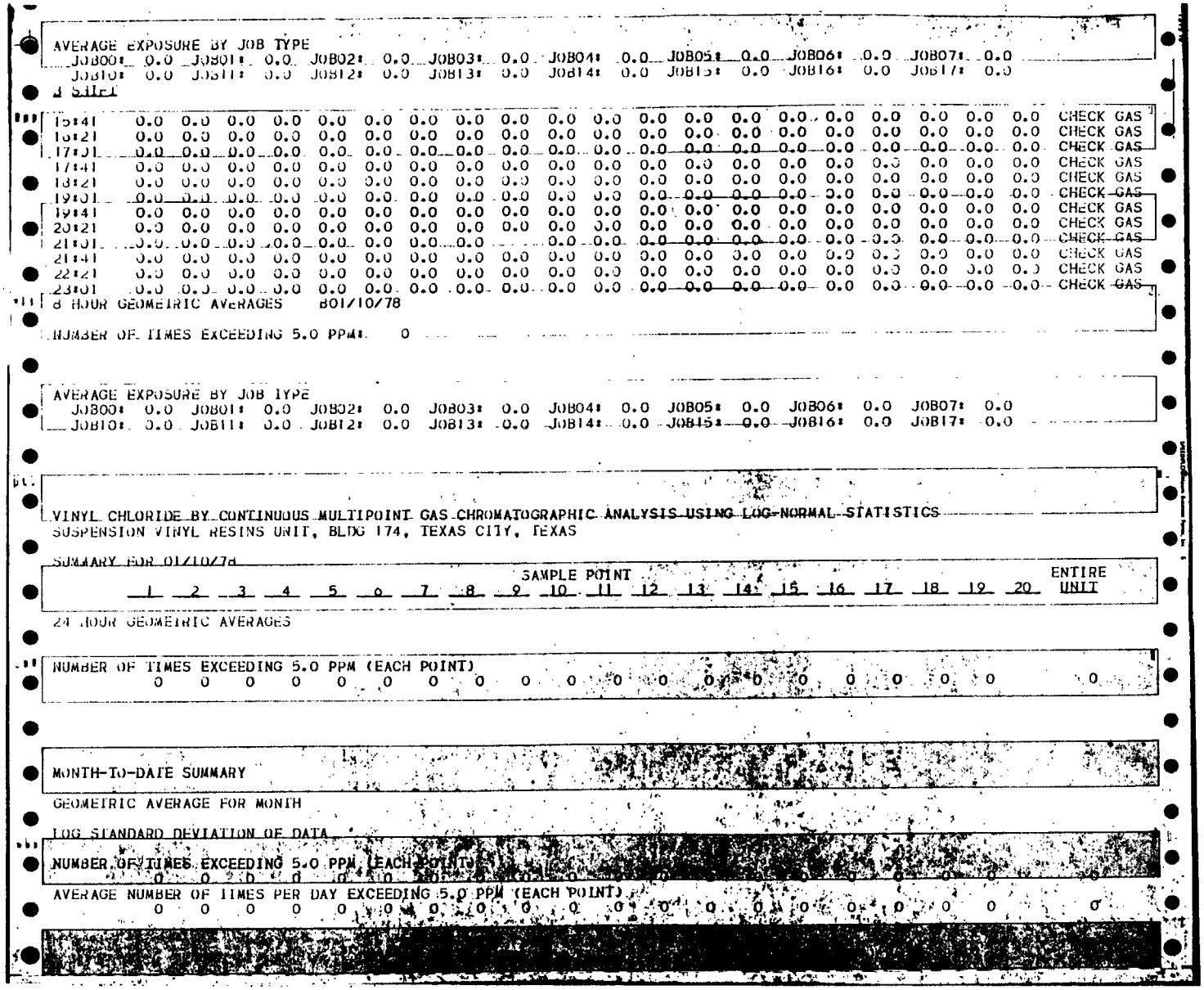
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0					
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0					

B SHIFT

UCTC 21046



AVERAGE EXPOSURE BY JOB TYPE
J0B00: 0.0 J0B01: 0.0 J0B02: 0.0 J0B03: 0.0 J0B04: 0.0 J0B05: 0.0 J0B06: 0.0 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.0 J0B16: 0.0 J0B17: 0.0

8 Silel

15:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
16:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
18:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
20:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
22:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
23:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 801/10/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE
J0B00: 0.0 J0B01: 0.0 J0B02: 0.0 J0B03: 0.0 J0B04: 0.0 J0B05: 0.0 J0B06: 0.0 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.0 J0B16: 0.0 J0B17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/10/78

SAMPLE POINT																				ENTIRE
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT

24 HOUR GEOMETRIC AVERAGES

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

LOG STANDARD DEVIATION OF DATA

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UCTC 21047

Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (198...
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UCTC 21048

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/09/78

24 HOUR GEOMETRIC AVERAGES	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05: 0.0 JOB06: 0.0 JOB07: 0.0
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

8 HOUR GEOMETRIC AVERAGES 01/09/78

1241	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1641	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1741	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1841	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1941	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2241	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 01/09/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05: 0.0 JOB06: 0.0 JOB07: 0.0
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

1241	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1621	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1701	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1741	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1941	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2221	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2301	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

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NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

LOG STANDARD DEVIATION OF DATA

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/08/78

	SAMPLE POINT																				
TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
C SHIFT																					
23:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:01	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:01	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES C01/09/78

NUMBER OF TIMES EXCEEDING 5.0 PPM= 0

AVERAGE EXPOSURE BY JOB-TYPE

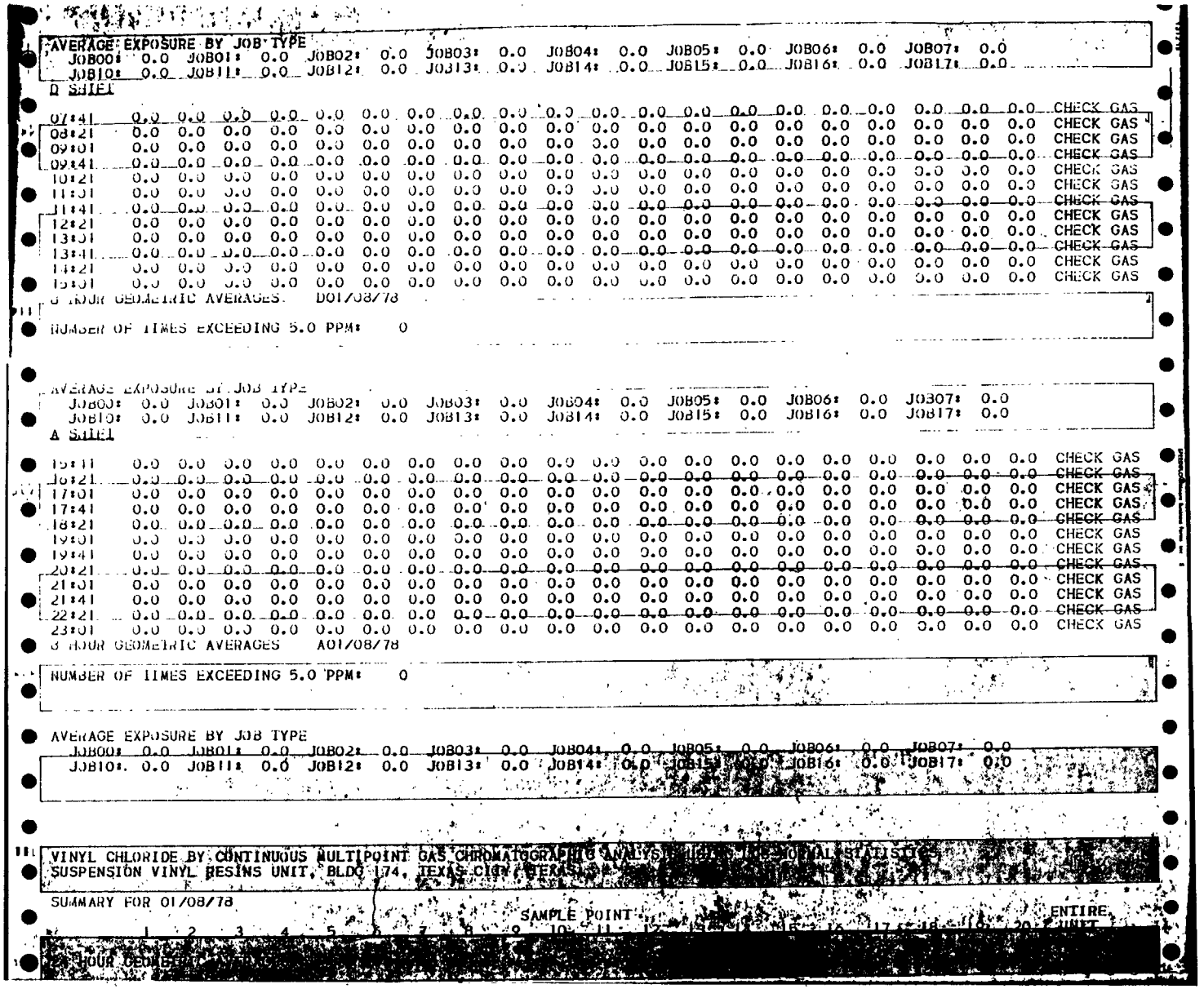
JOB00= 0.0 JOB01= 0.0 JOB02= 0.0 JOB03= 0.0 JOB04= 0.0 JOB05= 0.0 JOB06= 0.0 JOB07= 0.0

JOB10= 0.0 JOB11= 0.0 JOB12= 0.0 JOB13= 0.0 JOB14= 0.0 JOB15= 0.0 JOB16= 0.0 JOB17= 0.0

D SHIFT

UCTC 21050

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AVERAGE EXPOSURE BY JOB TYPE
J0B00: 0.0 J0B01: 0.0 J0B02: 0.0 J0B03: 0.0 J0B04: 0.0 J0B05: 0.0 J0B06: 0.0 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.0 J0B16: 0.0 J0B17: 0.0

D SHIFT

07:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
10:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES D01/08/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE
J0B00: 0.0 J0B01: 0.0 J0B02: 0.0 J0B03: 0.0 J0B04: 0.0 J0B05: 0.0 J0B06: 0.0 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.0 J0B16: 0.0 J0B17: 0.0

A SHIFT

15:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
16:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
18:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
20:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
22:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
23:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES A01/08/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE
J0B00: 0.0 J0B01: 0.0 J0B02: 0.0 J0B03: 0.0 J0B04: 0.0 J0B05: 0.0 J0B06: 0.0 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.0 J0B16: 0.0 J0B17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/08/78

	SAMPLE POINT																			ENTIRE UNIT
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
8 HOUR GEOMETRIC AVERAGES																				

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Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (198...
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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/07/78

	SAMPLE POINT																			ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH																					
LOG STANDARD DEVIATION OF DATA																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/07/78

TIME	SAMPLE POINT																				
& SHIFT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
23:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES	[redacted]																				
NUMBER OF TIMES EXCEEDING 5.0 PPM	[redacted]																				

UCTC 21052

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NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

8 HOUR GEOMETRIC AVERAGES 801/07/78

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.0	JOB02: 0.0	JOB03: 0.0	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0

D SHIFT

07:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
08:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
09:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
09:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
10:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
11:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
11:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
12:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
13:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
13:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
14:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
15:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS

8 HOUR GEOMETRIC AVERAGES 801/07/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.0	JOB02: 0.0	JOB03: 0.0	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0

A SHIFT

15:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
16:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
17:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
17:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
18:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
19:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
19:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
20:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
21:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
21:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
22:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS
23:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 CHECK GAS

8 HOUR GEOMETRIC AVERAGES 801/07/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.0	JOB02: 0.0	JOB03: 0.0	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0

UCTC 21053

Union Carbide trial exhibit UC-1240: Plant 515 Vinyl Chloride Personnel Monitoring Data, Computer Printout (198...
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NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0	
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0	

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/06/78

	SAMPLE POINT																				ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTH-TO-DATE SUMMARY																					
GEOMETRIC AVERAGE FOR MONTH																					
LOG STANDARD DEVIATION OF DATA																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UCTC 21054

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

01/06/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
B SHIFT																					
23:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:21	[illegible]																				
01:01	[illegible]																				
01:41	[illegible]																				

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01/05/78

TIME	1	2	3	4	5	6	7	8	9	10	SAMPLE POINT 11	12	13	14	15	16	17	18	19	20	
A SHIFT																					
2341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0321	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0701	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0241	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0541	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0641	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0741	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0841	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 01/06/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0

B SHIFT

0741	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
0941	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1221	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1301	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1501	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES 01/06/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

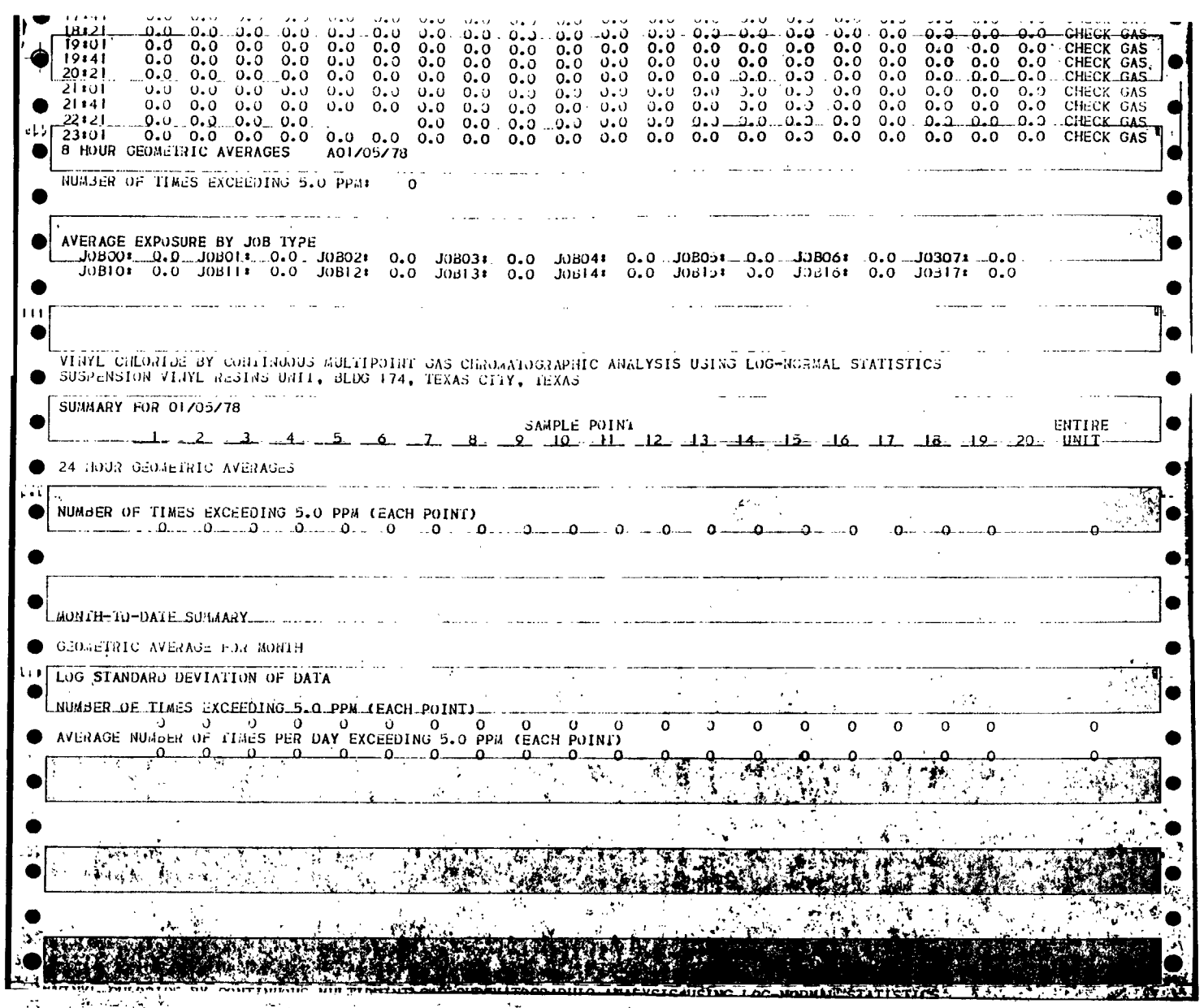
JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0

A SHIFT

1541	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1621	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1701	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1741	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1901	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
1941	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
2141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

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18:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
20:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
22:21	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
23:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES A01/05/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/05/78

	SAMPLE POINT																			ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTH-TO-DATE SUMMARY																					
GEOMETRIC AVERAGE FOR MONTH																					
LOG STANDARD DEVIATION OF DATA																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UCTC 21056

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/04/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
B SHIFT																					
23:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES					B01/05/78																

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B00:	0.0	J0B01:	0.0	J0B02:	0.0	J0B03:	0.0	J0B04:	0.0	J0B05:	0.0	J0B06:	0.0	J0B07:	0.0
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.0	J0B16:	0.0	J0B17:	0.0

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
D SHIFT																					
07:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
10:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES					D01/05/78																

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

J0B00:	0.0	J0B01:	0.0	J0B02:	0.0	J0B03:	0.0	J0B04:	0.0	J0B05:	0.0	J0B06:	0.0	J0B07:	0.0
J0B10:	0.0	J0B11:	0.0	J0B12:	0.0	J0B13:	0.0	J0B14:	0.0	J0B15:	0.0	J0B16:	0.0	J0B17:	0.0

A SHIFT

17:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

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AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0					
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0					

A 24HR

19341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17401	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
17441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
19341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
20321	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21301	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
21341	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
22421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
23401	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

8 HOUR GEOMETRIC AVERAGES A01/04/78

NUMBER OF TIMES EXCEEDING 5.0 PPM= 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0					
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0					

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/04/78

SAMPLE POINT																				ENTIRE
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT

24 HOUR GEOMETRIC AVERAGES

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH

LOG STANDARD DEVIATION OF DATA

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UCTC 21058

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LOG STANDARD DEVIATION OF DATA

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
07/03/78

SAMPLE POINT

TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
B SHIFT																					
23:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

801/04/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0	JOB01: 0.0	JOB02: 0.0	JOB03: 0.0	JOB04: 0.0	JOB05: 0.0	JOB06: 0.0	JOB07: 0.0
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 0.0	JOB16: 0.0	JOB17: 0.0

B SHIFT

07:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
10:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
12:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
13:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
14:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
15:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

UCTC 21059

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

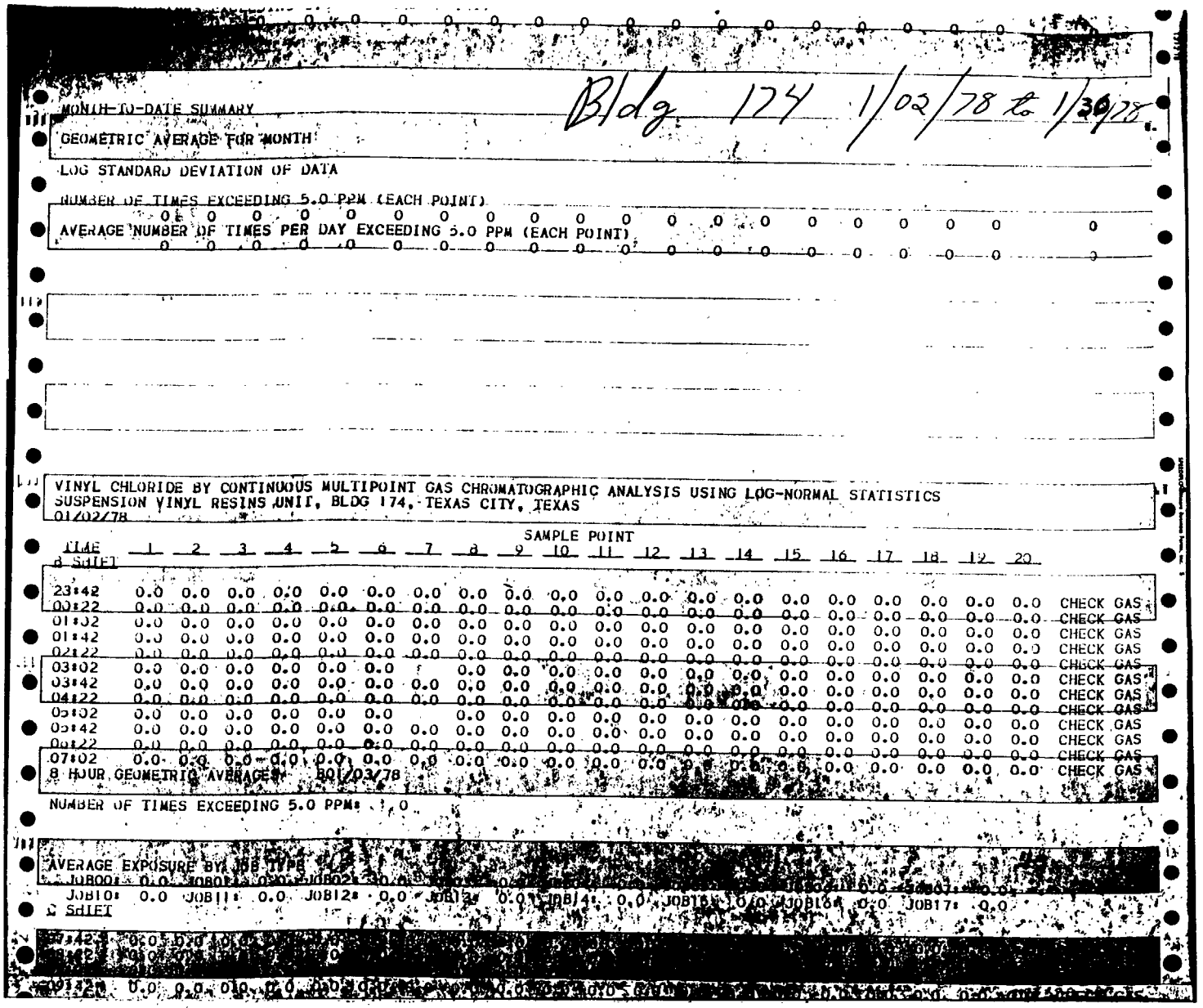
SUMMARY FOR 01/03/78

SAMPLE POINT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
24 HOUR GEOMETRIC AVERAGES																					
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UCTC 21060

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MONTH-TO-DATE SUMMARY

Bldg 174 1/02/78 to 1/30/78

GEOMETRIC AVERAGE FOR MONTH

LOG STANDARD DEVIATION OF DATA

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/02/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A SHIFT																					
23:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:02	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:02	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGE=																					01/03/78

NUMBER OF TIMES EXCEEDING 5.0 PPM= 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 0.0 JOB01: 0.0 JOB02: 0.0 JOB03: 0.0 JOB04: 0.0 JOB05: 0.0 JOB06: 0.0 JOB07: 0.0

JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

B SHIFT

UCTC 21061

UCTC 21062

UCTC 21063

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS

SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

01/17/78

SAMPLE POINT

TIME 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

TAPE 1

23106	0.0																				CHECK GAS
23110	0.0																				CHECK GAS
23114	0.0																				CHECK GAS
23118	0.0																				CHECK GAS
23122	0.0																				CHECK GAS
23126	0.0																				CHECK GAS
23130	0.0																				CHECK GAS
23134	0.0																				CHECK GAS
23138	0.0																				CHECK GAS
23142	0.0																				CHECK GAS
23146	0.0																				CHECK GAS
23150	0.0																				CHECK GAS
00134	0.0																				CHECK GAS
00138	0.0																				CHECK GAS
01102	0.0																				CHECK GAS
01106	0.0																				CHECK GAS
01110	0.0																				CHECK GAS
01114	0.0																				CHECK GAS
01118	0.0																				CHECK GAS
01122	0.0																				CHECK GAS
01126	0.0																				CHECK GAS
01130	0.0																				CHECK GAS
01134	0.0																				CHECK GAS
01138	0.0																				CHECK GAS
01142	0.0																				CHECK GAS
01146	0.0																				CHECK GAS
01150	0.0																				CHECK GAS
01154	0.0																				CHECK GAS
01158	0.0																				CHECK GAS
02102	0.0																				CHECK GAS
02106	0.0																				CHECK GAS
02110	0.0																				CHECK GAS
02114	0.0																				CHECK GAS
02118	0.0																				CHECK GAS
02122	0.0																				CHECK GAS
02126	0.0																				CHECK GAS
02130	0.0																				CHECK GAS
02134	0.0																				CHECK GAS
02138	0.0																				CHECK GAS
02142	0.0																				CHECK GAS
02146	0.0																				CHECK GAS
02150	0.0																				CHECK GAS

UCTC 21064

UCTC 21065

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS

SUSPENSION VINYL RESINS UNIT, BLDG 1/4, TEXAS CITY, TEXAS

01/15/78

TIME	SAMPLE POINT																			
B SHIFT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

NUMBER OF ITEMS EXCEEDING 3.0 PPM 0

GEOMETRIC AVERAGES 01/17/78

AVERAGE EXPOSURE BY JOB TYPE

JOB01	0.0	JOB02	0.0	JOB03	0.0	JOB04	0.0	JOB05	0.0	JOB06	0.0	JOB07	0.0	JOB08	0.0	JOB09	0.0	JOB10	0.0	
JOB11	0.0	JOB12	0.0	JOB13	0.0	JOB14	0.0	JOB15	0.0	JOB16	0.0	JOB17	0.0	JOB18	0.0	JOB19	0.0	JOB20	0.0	

A SHIFT																				
07:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:40	0.0																			CHECK GAS
10:40	0.0																			CHECK GAS
11:40	0.0																			CHECK GAS
12:40	0.0																			CHECK GAS
13:40	0.0																			CHECK GAS
14:40	0.0																			CHECK GAS
15:40	0.0																			CHECK GAS
16:40	0.0																			CHECK GAS
17:40	0.0																			CHECK GAS
18:40	0.0																			CHECK GAS
19:40	0.0																			CHECK GAS
20:40	0.0																			CHECK GAS
21:40	0.0																			CHECK GAS
22:40	0.0																			CHECK GAS
23:40	0.0																			CHECK GAS
00:40	0.0																			CHECK GAS
01:40	0.0																			CHECK GAS
02:40	0.0																			CHECK GAS
03:40	0.0																			CHECK GAS
04:40	0.0																			CHECK GAS
05:40	0.0																			CHECK GAS
06:40	0.0																			CHECK GAS

UCTC 21069

UCTC 21070

LOG STANDARD DEVIATION OF DATA .

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
07/15/78

Date	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
8 Hour																					
23:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
00:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
01:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
02:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
03:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
04:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
05:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
06:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
07:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
8 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB02:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0						
JOB13:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0						
4 Hour																					
07:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
08:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
09:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
10:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS
11:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	CHECK GAS

UCTC 21071

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS
01/23/78

TIME	SAMPLE POINT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C SHIFT																				
23:43	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
00:28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2
01:08	0.0	0.0	0.1	0.3	0.1	0.0	0.1	0.1	0.1	0.4	0.2	0.2	2.1	0.4	0.2	0.2	0.1	0.2	0.2	0.2
01:48	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.3	0.3	0.0
02:28	0.2	0.4	0.2	0.1	0.2	0.5	1.0	0.8	1.0	1.0	1.9	1.9	0.3	2.0	0.5	0.4	0.5	0.3	0.4	0.2
03:08	1.4	1.2	1.6	0.7	0.7	0.7	0.7	0.6	0.6	1.9	0.9	0.5	0.9	0.3	0.3	0.4	0.3	0.4	1.0	1.1
03:43	0.7	0.1	0.3	0.3	1.0	0.7	0.4	0.5	0.6	1.4	3.2	0.5	0.4	0.3	0.4	0.8	1.2	1.0	1.6	1.5
04:28	0.6	0.7	0.8	0.8	1.6	1.6	1.6	1.0	1.4	1.3	1.2	1.1	2.3	0.7	0.6	0.9	0.4	0.8	1.2	1.0
05:08	1.5	1.6	1.2	2.3	1.9	2.2	1.5	1.1	1.0	1.0	1.1	0.4	2.7	1.5	0.6	0.5	0.2	0.2	0.2	1.1
05:48	0.8	0.3	1.2	1.1	1.0	1.1	1.0	0.7	0.3	0.3	0.4	0.1	3.4	0.2	0.4	0.2	0.1	0.1	0.1	1.0
06:28	0.2	0.3	0.2	0.3	0.1	0.2	0.3	0.1	0.3	0.1	0.2	0.2	2.9	0.3	0.2	0.1	0.2	0.2	0.2	2.9
07:03	0.1	0.3	0.1	0.2	0.0	0.1	0.1	0.1	0.2	0.1	0.2	0.2	2.0	0.2	0.2	0.2	0.2	0.2	0.2	2.0
8 HOUR GEOMETRIC AVERAGES																				
NUMBER OF TIMES EXCEEDING 5.0 PPM:	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.8	0.3	0.2	0.2	0.2	0.2	0.2	0.1
	0																			

AVERAGE EXPOSURE BY JOB TYPE

J06304:	0.3	J06305:	0.3	J06306:	0.3	J06307:	0.3	J06308:	0.3	J06309:	0.3	J06310:	0.3	J06311:	0.3	J06312:	0.3	J06313:	0.3	J06314:	0.3
J06315:	0.2	J06316:	0.3	J06317:	0.0															

A SHIFT

07:43	0.4	0.2	0.2	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.1	0.2	1.3	0.2	0.3	0.3	0.1	0.1	0.4	1.1
08:28	0.1	0.2	0.1	0.2	0.3	0.3	0.7	1.5	0.2	0.1	0.1	0.2	2.3	0.1	0.7	0.5	0.2	0.1	0.2	1.0
09:03	0.1	0.2	0.3	0.3	0.3	0.7	1.5	1.1	0.3	0.1	0.3	0.4	2.4	0.3	0.1	0.5	0.2	0.1	0.2	1.1
09:43	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.6
10:23	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
11:03	0.0	0.0	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	1.2
11:45	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	34.0	0.0	0.0	0.0	0.0	0.1	2.7
12:28	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	1.4	22.1	1.2	0.0	0.0	0.0	0.1	10.2
13:03	0.2	0.4	0.8	1.1	0.4	1.5	0.4	0.2	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13:48	1.2	1.9	1.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14:28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15:03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8 HOUR GEOMETRIC AVERAGES																				
NUMBER OF TIMES EXCEEDING 5.0 PPM:	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.7	0.2	0.2	0.2	0.1	0.1	0.1	0.1
	2																			

AVERAGE EXPOSURE BY JOB TYPE

J06302:	0.1	J06303:	0.1	J06304:	0.1	J06305:	0.2	J06306:	0.2	J06307:	0.2	J06308:	0.2	J06309:	0.2	J06310:	0.2	J06311:	0.2	J06312:	0.2
J06313:	0.3	J06314:	0.0	J06315:	0.2	J06316:	0.3	J06317:	0.0											

B SHIFT

15:43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CHECK GAS
CHECK GAS
CHECK GAS

UCTC 21072

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS DRYING BLDG 120, TEXAS CITY, TEXAS

SUMMARY FOR 01/24/78

	SAMPLE POINT																			ENTIRE UNIT
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
24 HOUR GEOMETRIC AVERAGES	.0	.2	.1	.0	.2	.0	.3	.0	.3	.2	.2	.2	.2	.8	.2	.3	.2	.2	.2	.2	.2	.3
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	.1	.2	.2	.1	.2	.2	.2	.1	.2	.2	.2	.2	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2
LOG STANDARD DEVIATION OF DATA	.065	.745	.795	.732	.759	.758	.751	.734	.147	.716	.770	.709	1.46	.804	.818	.752	.747	.752	.730	****	1.18	
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	1	0	47	0	1	0	0	0	0	49	
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2

8 HOUR GEOMETRIC AVERAGES B01724778

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

JOB00: 10.0	JOB01: 10.0	JOB02: 10.0	JOB03: 0.0	JOB04: 0.0	JOB05: 18.0	JOB06: 20.4	JOB07: 4.9	
JOB10: 0.0	JOB11: 0.0	JOB12: 0.0	JOB13: 0.0	JOB14: 0.0	JOB15: 17.9	JOB16: 25.3	JOB17: 0.0	

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AVERAGE EXPOSURE BY JOB TYPE

J0800:	0.0	J0801:	0.0	J0802:	0.0	J0803:	0.0	J0804:	0.0	J0805:	0.0	J0806:	0.0	J0807:	0.0					
J0810:	0.0	J0811:	0.0	J0812:	0.0	J0813:	0.0	J0814:	0.0	J0815:	0.0	J0816:	0.0	J0817:	0.0					

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/19/78

	SAMPLE POINT																				ENTIRE UNIT
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
24 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0
LOG STANDARD DEVIATION OF DATA	.370	.555	1.02	.929	****	.723	.903	****	****	****	****	1.31	.682	.710	****	****	****	****	****	.124	2.09
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/19/78

TIME	SAMPLE POINT																			
0 SHIFT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POINT	[redacted]																			

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UCTC 21076

UCTC 21077

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VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/22/78

SAMPLE POINT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GEOMETRIC AVERAGE FOR MONTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LOG STANDARD DEVIATION OF DATA	.429	.707	.858	.847	.405	.738	.812	.835	.910	.810	.049	1.15	.574	.026	1.04	.893	.734	.074	1.90	.100	1.72

UCTC 21079

UCTC 21080

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/21/78

SAMPLE POINT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
24 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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UCTC 21083

UCTC 21084

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/23/78

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	ENTIRE UNIT
24 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
LOG STANDARD DEVIATION OF DATA	.393	.048	.788	.786	.430	.677	.749	.768	.831	.745	.978	1.06	.527	.574	.955	.814	.704	.993	1.18	.103	.604
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AVERAGE EXPOSURE BY JOB TYPE

JOB00:	0.0	JOB01:	0.0	JOB02:	0.0	JOB03:	0.0	JOB04:	0.0	JOB05:	0.0	JOB06:	0.0	JOB07:	0.0
JOB10:	0.0	JOB11:	0.0	JOB12:	0.0	JOB13:	0.0	JOB14:	0.0	JOB15:	0.0	JOB16:	0.0	JOB17:	0.0

24 HOUR GEOMETRIC AVERAGES 01/23/78

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3

NUMBER OF TIMES EXCEEDING 5.0 PPM:

18856	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4
19136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4
20136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
21136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
22136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
23136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2

UCTC 21085

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC
SUSPENSION-VINYL-RESINS-UNIT, BLDG 174, TEXAS CITY, TEXAS
01/23/78

NORMAL STATISTICS

SAMPLE PO

Time 1 2 3 4 5 6 7 8 9 10 15 16 17 18 19 20

A SHIFT

8 HOUR GEOMETRIC AVERAGES A01/24/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB-TYPE

B SHIFT

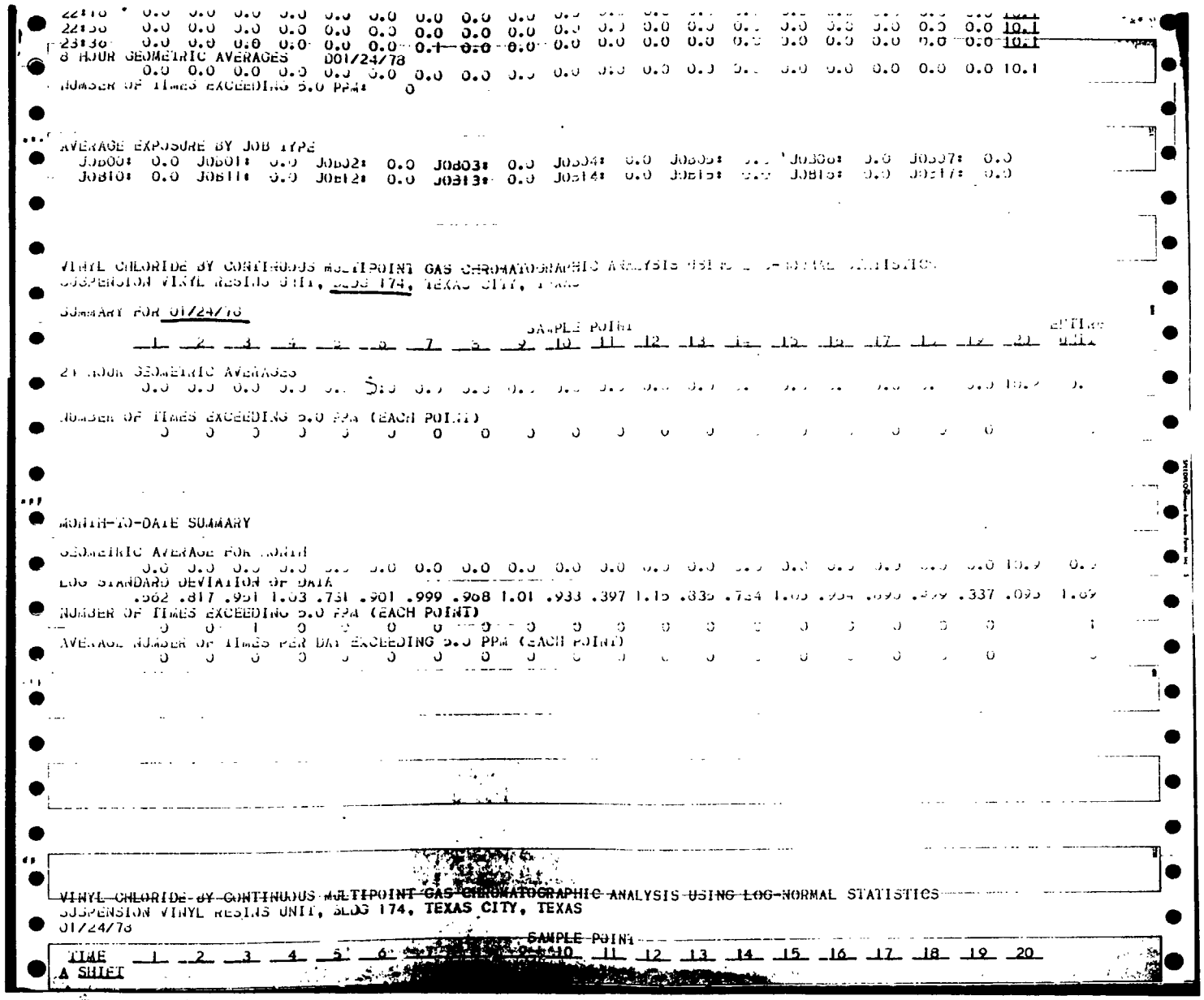
8 HOUR GEOMETRIC AVERAGES B01/24/78

NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE

D SHIFT

UCTC 21086



22:30 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.1
23:30 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.1
8 HOUR GEOMETRIC AVERAGES 01/24/78
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.1
NUMBER OF TIMES EXCEEDING 5.0 PPM: 0

AVERAGE EXPOSURE BY JOB TYPE
J0B00: 0.0 J0B01: 0.0 J0B02: 0.0 J0B03: 0.0 J0B04: 0.0 J0B05: 0.0 J0B06: 0.0 J0B07: 0.0
J0B10: 0.0 J0B11: 0.0 J0B12: 0.0 J0B13: 0.0 J0B14: 0.0 J0B15: 0.0 J0B16: 0.0 J0B17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, SLOG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/24/78

SAMPLE POINT

TIME 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

8 HOUR GEOMETRIC AVERAGES
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.1 0.0

NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.1 0.0
LOG STANDARD DEVIATION OF DATA
.962 .817 .951 1.03 .731 .901 .999 .908 1.01 .933 .397 1.15 .835 .754 1.05 .954 .899 .599 .337 .095 1.69
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)
0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, SLOG 174, TEXAS CITY, TEXAS
01/24/78

SAMPLE POINT

TIME 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
A SHIFT

UCTC 21087

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JOB10: 0.0 JOB11: 0.0 JOB12: 0.0 JOB13: 0.0 JOB14: 0.0 JOB15: 0.0 JOB16: 0.0 JOB17: 0.0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

SUMMARY FOR 01/25/78

	SAMPLE POINT																				ENTIRE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	UNIT
24 HOUR GEOMETRIC AVERAGES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0

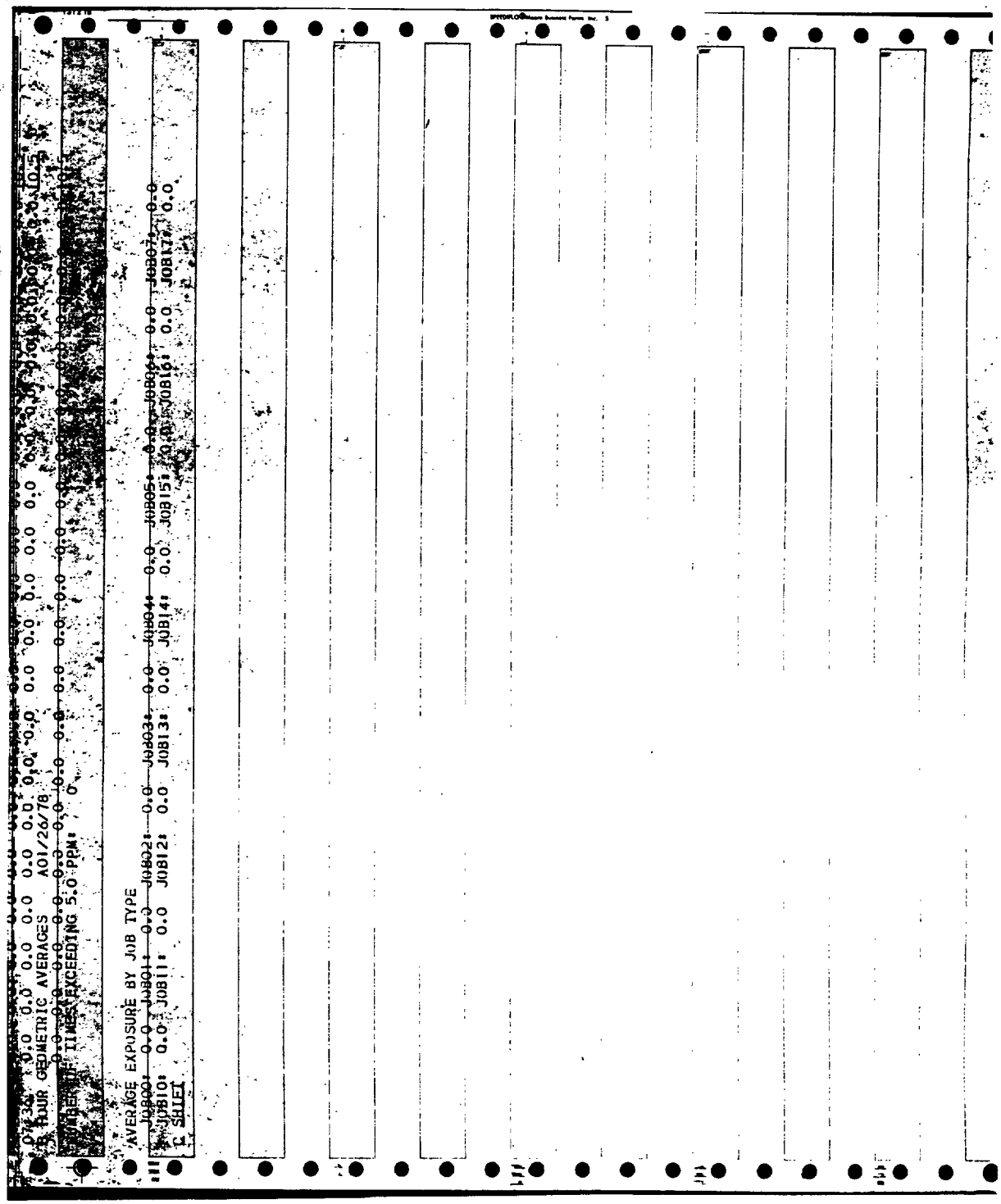
MONTH-TO-DATE SUMMARY

GEOMETRIC AVERAGE FOR MONTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0
LOG STANDARD DEVIATION OF DATA	.670	.903	1.07	1.09	.807	1.01	1.08	.957	.938	.953	.447	1.19	.931	.841	1.06	.991	.951	.542	.429	.093	1.69
NUMBER OF TIMES EXCEEDING 5.0 PPM (EACH POINT)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			1
AVERAGE NUMBER OF TIMES PER DAY EXCEEDING 5.0 PPM (EACH POINT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/25/78

TIME	SAMPLE POINT																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
00:36	0.4	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.3	0.3	0.1	0.1	0.2	0.1	0.0	10.4	
00:56	0.3	0.3	0.4	0.3	0.3	0.4	0.3		0.3	0.4	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.0	0.0	10.3	
01:36	0.1	0.2	0.2	0.1	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.0	0.3	0.3	0.0	0.0	0.0	10.3	
02:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	
02:56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	
03:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	
04:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	
04:56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	
05:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	

UCTC 21080


AVERAGE EXPOSURE BY JOB TYPE
8 HOUR GEOMETRIC AVERAGES A01/26/78
NUMBER OF TIMES EXCEEDING 5.0 PPM:
C SHIFT

UCTC 21090

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS AND NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT - BLDG 1714 - TEXAS CITY, TEXAS

SUMMARY FOR 01/26/78

SAMPLE POINT

UCTC 21091

UCTC 21092

UCTC 21093

UCTC 21094

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS
SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS
01/28/78

TIME — SAMPLE POINT
8 SHIFT — 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

8 HOUR GEOMETRIC AVERAGES 01/29/78
NUMBER OF TIMES EXCEEDING 5.0 PPM

AVERAGE EXPOSURE BY JOB TYPE
JOB01 JOB02 JOB03 JOB04 JOB05 JOB06 JOB07 JOB08 JOB09 JOB10 JOB11 JOB12 JOB13 JOB14 JOB15 JOB16 JOB17 JOB18

8 SHIFT

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UCTC 21096

UCTC 21098

VINYL CHLORIDE BY CONTINUOUS MULTIPOINT GAS CHROMATOGRAPHIC ANALYSIS USING LOG-NORMAL STATISTICS

SUSPENSION VINYL RESINS UNIT, BLDG 174, TEXAS CITY, TEXAS

01/29/78

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