

1962 DOSIMETRY RESULTS

RESPIRATOR USAGE -

	<u>VCM</u>	<u>LEAD</u>	<u>TOTAL PARTICULATES</u>
<u>VINYL</u>			
NO. SAMPLES	492	0	8
NO. OVEREXPOSURES	67	0	0
% " "	13.6	0	0
NO. " WITHOUT RESPIRATOR	39	0	0
% " " "	58.2	0	0

<u>MECHANICAL</u>			
NO. SAMPLES	491	0	0
NO. OVEREXPOSURES	44	0	0
% " "	9.0	0	0
NO. " WITHOUT RESPIRATOR	24	0	0
% " " "	54.5	0	0

<u>COMPOUND</u>			
NO. SAMPLES	8	150	35
NO. OVEREXPOSURES	0	9	2
% " "	0	6.0	5.7
NO. " WITHOUT RESPIRATOR	0	0	0
% " " "	0	0	0

<u>TOTAL PLANT</u>			
NO. SAMPLES	1072	164	47
NO. OVEREXPOSURES	112	9	2
% " "	10.4	5.5	4.3
NO. " WITHOUT RESPIRATOR	63	0	0
% " " "	56.3	0	0

VCM - YARD SUPERVISOR - 1982

NO. SAMPLES: 11
AVERAGE: 0.300
STD. DEV.: 0.283
UPPER CONFIDENCE LIMIT: 0.866
HIGH: 1.100
LOW: 0.100
NO. OVEREXPOSURES: 1
% OVEREXPOSURES: 9.091

11
0.3
0.3
0.9
1.1
0.1
1
9.1

*Are the yard operators
wearing badges?
are we doing job right?*

VCM - YARD OPERATOR - 1982

NO. SAMPLES: 53
AVERAGE: 0.275
STD. DEV.: 0.270
UPPER CONFIDENCE LIMIT: 0.815
HIGH: 1.200
LOW: 0.100
NO. OVEREXPOSURES: 1
% OVEREXPOSURES: 1.887

53
0.3
0.3
0.8
1.2
0.1
1
1.9

VCM - RECEIVING LEAD - 1982

NO. SAMPLES: 1
AVERAGE: 0.200
STD. DEV.: 0.000
UPPER CONFIDENCE LIMIT: 0.200
HIGH: 0.200
LOW: 0.200
NO. OVEREXPOSURES: 0
% OVEREXPOSURES: 0.000

1
0.2
0.0
0.2
0.2
0.2
0
0.0

VCM - LEAD WAREHOUSE WORKER - 1982

NO. SAMPLES: 2
AVERAGE: 0.250
STD. DEV.: 1.955
UPPER CONFIDENCE LIMIT: 4.161
HIGH: 0.400
LOW: 0.100
NO. OVEREXPOSURES: 0
% OVEREXPOSURES: 0.000

2
0.3
2.0
4.2
0.4
0.1
0
0.0

VCM - WAREHOUSE WORKER - 1982

NO. SAMPLES: 2
AVERAGE: 0.500
STD. DEV.: 1.960
UPPER CONFIDENCE LIMIT: 4.421
HIGH: 0.600
LOW: 0.400
NO. OVEREXPOSURES: 0
% OVEREXPOSURES: 0.000

2
0.5
2.0
4.4
0.6
0.4
0
0.0

VCM - STOREKEEPER - 1982

NO. SAMPLES:	3	3
AVERAGE:	0.100	0.1
STD. DEV.:	1.386	1.4
UPPER CONFIDENCE LIMIT:	2.872	2.9
HIGH:	0.100	0.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - PLANT MANAGER - 1982

NO. SAMPLES:	1	1
AVERAGE:	0.100	0.1
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	0.100	0.1
HIGH:	0.100	0.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - PLANT SUPERINTENDENT - 1982

NO. SAMPLES:	1	1
AVERAGE:	0.300	0.3
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	0.300	0.3
HIGH:	0.300	0.3
LOW:	0.300	0.3
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - MECHANICAL ENGINEER - 1982

NO. SAMPLES:	6	6
AVERAGE:	0.367	0.4
STD. DEV.:	0.994	1.0
UPPER CONFIDENCE LIMIT:	2.354	2.4
HIGH:	1.300	1.3
LOW:	0.100	0.1
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	16.667	16.7

VCM - CONTRACT SUPERVISOR - 1982

NO. SAMPLES:	2	2
AVERAGE:	0.150	0.2
STD. DEV.:	2.223	2.2
UPPER CONFIDENCE LIMIT:	4.596	4.6
HIGH:	0.200	0.2
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

UCM - DRAFTSMAN - 1982

NO. SAMPLES:	3	3
AVERAGE:	0.367	0.4
STD. DEV.:	1.586	1.6
UPPER CONFIDENCE LIMIT:	3.538	3.5
HIGH:	0.600	0.6
LOW:	0.200	0.2
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

UCM - PROCESS ENGINEER - 1982

NO. SAMPLES:	10	10
AVERAGE:	0.220	0.2
STD. DEV.:	0.757	0.8
UPPER CONFIDENCE LIMIT:	1.735	1.7
HIGH:	0.500	0.5
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

UCM - SAFETY DIRECTOR - 1982

NO. SAMPLES:	1	1
AVERAGE:	0.100	0.1
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	0.100	0.1
HIGH:	0.100	0.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

UCM - SAFETY INSPECTOR - 1982

NO. SAMPLES:	1	1
AVERAGE:	0.200	0.2
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	0.200	0.2
HIGH:	0.200	0.2
LOW:	0.200	0.2
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

UCM - GENERAL HELPER - 1982

NO. SAMPLES:	34	34
AVERAGE:	0.268	0.3
STD. DEV.:	0.455	0.5
UPPER CONFIDENCE LIMIT:	1.178	1.2
HIGH:	0.900	0.9
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - MECHANICAL SUPERINTENDENT - 1982

NO. SAMPLES:	7	7
AVERAGE:	0.157	0.2
STD. DEV.:	1.074	1.1
UPPER CONFIDENCE LIMIT:	2.304	2.3
HIGH:	0.400	0.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - MAINT. SUPERINTENDENT (MECH.) - 1982

NO. SAMPLES:	10	10
AVERAGE:	0.160	0.2
STD. DEV.:	0.882	0.9
UPPER CONFIDENCE LIMIT:	1.924	1.9
HIGH:	0.400	0.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - MAINT. SUPERINTENDENT (I. & E.) - 1982

NO. SAMPLES:	6	6
AVERAGE:	0.500	0.5
STD. DEV.:	1.478	1.5
UPPER CONFIDENCE LIMIT:	3.456	3.5
HIGH:	2.300	2.3
LOW:	0.100	0.1
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	16.667	16.7

VCM - MAINT. PLANNER - 1982

NO. SAMPLES:	4	4
AVERAGE:	0.150	0.2
STD. DEV.:	1.910	1.9
UPPER CONFIDENCE LIMIT:	3.971	4.0
HIGH:	0.300	0.3
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - MAINT. SUPERVISOR - 1982

NO. SAMPLES:	35	35
AVERAGE:	0.183	0.2
STD. DEV.:	0.579	0.6
UPPER CONFIDENCE LIMIT:	1.341	1.3
HIGH:	0.500	0.5
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - INSTRUMENT TECHNICIAN - 1982

NO. SAMPLES:	31	31
AVERAGE:	0.158	0.2
STD. DEV.:	0.624	0.6
UPPER CONFIDENCE LIMIT:	1.406	1.4
HIGH:	0.400	0.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - ELECTRICIAN - 1982

NO. SAMPLES:	35	35
AVERAGE:	2.329	2.3
STD. DEV.:	13.111	13.1
UPPER CONFIDENCE LIMIT:	28.550	28.5
HIGH:	77.600	77.6
LOW:	0.100	0.1
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	2.857	2.9

VCM - MAINT. UTILITY TECHNICIAN - 1982

NO. SAMPLES:	18	18
AVERAGE:	0.133	0.1
STD. DEV.:	-18.541	18.5
UPPER CONFIDENCE LIMIT:	37.216	37.2
HIGH:	0.300	0.3
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - GENERAL MECHANIC - 1982

NO. SAMPLES:	274	274
AVERAGE:	0.676	0.7
STD. DEV.:	5.312	5.3
UPPER CONFIDENCE LIMIT:	11.299	11.3
HIGH:	35.500	35.5
LOW:	0.100	0.1
NO. OVEREXPOSURES:	25	25
% OVEREXPOSURES:	9.124	9.1

VCM - PAINTER/INSULATOR/CARPENTER - 1982

NO. SAMPLES:	3	3
AVERAGE:	2.400	2.4
STD. DEV.:	62.158	62.2
UPPER CONFIDENCE LIMIT:	126.716	126.7
HIGH:	6.400	6.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	33.333	33.3

VCM - MAINT. HELPER - 1982

NO. SAMPLES:	47	47
AVERAGE:	1.791	1.8
STD. DEV.:	13.777	13.8
UPPER CONFIDENCE LIMIT:	29.345	29.3
HIGH:	30.400	30.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	16	16
% OVEREXPOSURES:	34.043	34.0

VCM - PLANT CHEMIST - 1982

NO. SAMPLES:	1	1
AVERAGE:	0.100	0.1
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	0.100	0.1
HIGH:	0.100	0.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - LAB SUPERVISOR - 1982

NO. SAMPLES:	14	14
AVERAGE:	0.186	0.2
STD. DEV.:	25.915	25.9
UPPER CONFIDENCE LIMIT:	52.016	52.0
HIGH:	0.600	0.6
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - LAB LEAD TECHNICIAN - 1982

NO. SAMPLES:	4	4
AVERAGE:	0.150	0.2
STD. DEV.:	53.947	53.9
UPPER CONFIDENCE LIMIT:	108.044	108.0
HIGH:	0.300	0.3
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - DEVELOPMENT LAB TECHNICIAN - 1982

NO. SAMPLES:	4	4
AVERAGE:	0.175	0.2
STD. DEV.:	53.947	53.9
UPPER CONFIDENCE LIMIT:	108.070	108.1
HIGH:	0.400	0.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - LAB TECHNICIAN - 1982

NO. SAMPLES:	9	9
AVERAGE:	0.144	0.1
STD. DEV.:	33.036	33.0
UPPER CONFIDENCE LIMIT:	66.216	66.2
HIGH:	0.400	0.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - LAB TRAINEE - 1982

NO. SAMPLES:	3	3
AVERAGE:	0.167	0.2
STD. DEV.:	66.072	66.1
UPPER CONFIDENCE LIMIT:	132.311	132.3
HIGH:	0.200	0.2
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - COMPOUND OPERATIONS SUPERINTENDENT - 1982

NO. SAMPLES:	1	1
AVERAGE:	0.100	0.1
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	0.100	0.1
HIGH:	0.100	0.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - COMPOUND OPERATIONS SUPERVISOR - 1982

NO. SAMPLES:	2	2
AVERAGE:	0.100	0.1
STD. DEV.:	93.440	93.4
UPPER CONFIDENCE LIMIT:	186.980	187.0
HIGH:	0.100	0.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - COMPOUND SHIFT SUPERVISOR - 1982

NO. SAMPLES:	5	5
AVERAGE:	0.140	0.1
STD. DEV.:	46.720	46.7
UPPER CONFIDENCE LIMIT:	93.580	93.6
HIGH:	0.200	0.2
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - DRYER OPERATOR - 1982

NO. SAMPLES:	89	89
AVERAGE:	0.344	0.3
STD. DEV.:	10.007	10.0
UPPER CONFIDENCE LIMIT:	20.358	20.4
HIGH:	9.000	9.0
LOW:	0.100	0.1
NO. OVEREXPOSURES:	3	3
% OVEREXPOSURES:	3.371	3.4

VCM - DRYER UTILITY - 1982

NO. SAMPLES:	38	38
AVERAGE:	0.366	0.4
STD. DEV.:	15.440	15.4
UPPER CONFIDENCE LIMIT:	31.245	31.2
HIGH:	2.600	2.6
LOW:	0.100	0.1
NO. OVEREXPOSURES:	4	4
% OVEREXPOSURES:	10.526	10.5

VCM - VINYL OPERATIONS SUPERINTENDENT - 1982

NO. SAMPLES:	6	6
AVERAGE:	0.733	0.7
STD. DEV.:	42.030	42.0
UPPER CONFIDENCE LIMIT:	84.792	84.8
HIGH:	3.900	3.9
LOW:	0.100	0.1
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	16.667	16.7

VCM - VINYL OPERATIONS ENGINEER - 1982

NO. SAMPLES:	1	1
AVERAGE:	0.100	0.1
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	0.100	0.1
HIGH:	0.100	0.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - VINYL OPERATIONS SUPERVISOR - 1982

NO. SAMPLES:	5	5
AVERAGE:	0.180	0.2
STD. DEV.:	46.991	47.0
UPPER CONFIDENCE LIMIT:	94.161	94.2
HIGH:	0.400	0.4
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - VINYL SHIFT SUPERVISOR - 1982

NO. SAMPLES:	50	50
AVERAGE:	0.570	0.6
STD. DEV.:	13.465	13.5
UPPER CONFIDENCE LIMIT:	27.499	27.5
HIGH:	6.700	6.7
LOW:	0.100	0.1
NO. OVEREXPOSURES:	7	7
% OVEREXPOSURES:	14.000	14.0

VCM - VINYL CHIEF OPERATOR - 1982

NO. SAMPLES:	42	42
AVERAGE:	1.648	1.6
STD. DEV.:	14.963	15.0
UPPER CONFIDENCE LIMIT:	31.573	31.6
HIGH:	11.700	11.7
LOW:	0.100	0.1
NO. OVEREXPOSURES:	16	16
% OVEREXPOSURES:	38.095	38.1

VCM - VINYL LEAD OPERATOR - 1982

NO. SAMPLES:	104	104
AVERAGE:	0.155	0.2
STD. DEV.:	9.441	9.4
UPPER CONFIDENCE LIMIT:	19.037	19.0
HIGH:	0.700	0.7
LOW:	0.100	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

VCM - VINYL REACTOR OPERATOR - 1982

NO. SAMPLES:	93	93
AVERAGE:	2.113	2.1
STD. DEV.:	10.865	10.9
UPPER CONFIDENCE LIMIT:	23.843	23.8
HIGH:	30.100	30.1
LOW:	0.100	0.1
NO. OVEREXPOSURES:	34	34
% OVEREXPOSURES:	36.559	36.6

VCM - TOTAL PLANT - 1982

NO. SAMPLES:	1072	1072
AVERAGE:	0.728	0.7
STD. DEV.:	4.555	4.6
UPPER CONFIDENCE LIMIT:	9.837	9.8
HIGH:	77.600	77.6
LOW:	0.100	0.1
NO. OVEREXPOSURES:	112	112
% OVEREXPOSURES:	10.448	10.4

LEAD - LAB SUPERVISOR - 1982

NO. SAMPLES:	1	1
AVERAGE:	1.900	1.9
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	1.900	1.9
HIGH:	1.900	1.9
LOW:	1.900	1.9
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - LAB LEAD TECHNICIAN - 1982

NO. SAMPLES:	3	3
AVERAGE:	1.967	2.0
STD. DEV.:	0.058	0.1
UPPER CONFIDENCE LIMIT:	2.082	2.1
HIGH:	2.000	2.0
LOW:	1.900	1.9
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - DEVELOPMENT LAB TECHNICIAN - 1982

NO. SAMPLES:	1	1
AVERAGE:	2.700	2.7
STD. DEV.:	0.000	0.0
UPPER CONFIDENCE LIMIT:	2.700	2.7
HIGH:	2.700	2.7
LOW:	2.700	2.7
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - LAB TECHNICIAN - 1982

NO. SAMPLES:	7	7
AVERAGE:	2.886	2.9
STD. DEV.:	0.496	0.5
UPPER CONFIDENCE LIMIT:	3.877	3.9
HIGH:	3.900	3.9
LOW:	2.400	2.4
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - LAB TRAINEE - 1982

NO. SAMPLES:	2	2
AVERAGE:	1.850	1.9
STD. DEV.:	1.217	1.2
UPPER CONFIDENCE LIMIT:	4.283	4.3
HIGH:	1.900	1.9
LOW:	1.800	1.8
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - DRY BLEND COMPOUNDER - 1982

NO. SAMPLES:	13	13
AVERAGE:	6.085	6.1
STD. DEV.:	11.409	11.4
UPPER CONFIDENCE LIMIT:	28.902	28.9
HIGH:	43.400	43.4
LOW:	1.800	1.8
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - DRY BLEND UTILITY - 1982

NO. SAMPLES:	13	13
AVERAGE:	6.723	6.7
STD. DEV.:	14.870	14.9
UPPER CONFIDENCE LIMIT:	36.463	36.5
HIGH:	37.000	37.0
LOW:	1.900	1.9
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	7.692	7.7

LEAD - COMPOUND OPERATIONS SUPERVISOR - 1982

NO. SAMPLES:	3	3
AVERAGE:	2.800	2.8
STD. DEV.:	36.439	36.4
UPPER CONFIDENCE LIMIT:	75.678	75.7
HIGH:	4.000	4.0
LOW:	2.200	2.2
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - COMPOUND SHIFT SUPERVISOR - 1982

NO. SAMPLES:	18	18
AVERAGE:	3.078	3.1
STD. DEV.:	12.603	12.6
UPPER CONFIDENCE LIMIT:	28.284	28.3
HIGH:	8.000	8.0
LOW:	1.500	1.5
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - COMPOUNDER - 1982

NO. SAMPLES:	60	60
AVERAGE:	12.808	12.8
STD. DEV.:	16.335	16.3
UPPER CONFIDENCE LIMIT:	45.478	45.5
HIGH:	78.100	78.1
LOW:	1.900	1.9
NO. OVEREXPOSURES:	2	2
% OVEREXPOSURES:	3.333	3.3

LEAD - COMPOUND OPERATOR - 1982

NO. SAMPLES:	21	21
AVERAGE:	8.890	8.9
STD. DEV.:	28.947	28.9
UPPER CONFIDENCE LIMIT:	66.784	66.8
HIGH:	23.100	23.1
LOW:	1.900	1.9
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - COMPOUND UTILITY - 1982

NO. SAMPLES:	11	11
AVERAGE:	3.945	3.9
STD. DEV.:	40.997	41.0
UPPER CONFIDENCE LIMIT:	85.940	85.9
HIGH:	10.200	10.2
LOW:	2.000	2.0
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

LEAD - COLOR WEIGH COMPOUNDER - 1982

NO. SAMPLES:	11	11
AVERAGE:	133.145	133.1
STD. DEV.:	221.462	221.5
UPPER CONFIDENCE LIMIT:	576.070	576.1
HIGH:	721.000	721.0
LOW:	6.200	6.2
NO. OVEREXPOSURES:	6	6
% OVEREXPOSURES:	54.545	54.5

LEAD - TOTAL PLANT - 1982

NO. SAMPLES:	164	164
AVERAGE:	16.634	16.6
STD. DEV.:	83.760	83.8
UPPER CONFIDENCE LIMIT:	184.153	184.2
HIGH:	721.000	721.0
LOW:	1.500	1.5
NO. OVEREXPOSURES:	9	9
% OVEREXPOSURES:	5.488	5.5

TOTAL PARTICULATES - YARD OPERATOR - 1982

NO. SAMPLES:	5	5
AVERAGE:	0.346	0.3
STD. DEV.:	0.287	0.3
UPPER CONFIDENCE LIMIT:	0.921	0.9
HIGH:	0.800	0.8
LOW:	0.000	0.0
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

TOTAL PARTICULATES - LAB TECHNICIAN - 1982

NO. SAMPLES:	4	4
AVERAGE:	0.310	0.3
STD. DEV.:	0.567	0.6
UPPER CONFIDENCE LIMIT:	1.445	1.4
HIGH:	1.000	1.0
LOW:	0.060	0.1
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

TOTAL PARTICULATES - DRY BLEND UTILITY - 1982

NO. SAMPLES:	20	20
AVERAGE:	2.573	2.6
STD. DEV.:	5.194	5.2
UPPER CONFIDENCE LIMIT:	12.961	13.0
HIGH:	23.900	23.9
LOW:	0.000	0.0
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	5.000	5.0

TOTAL PARTICULATES - COMPOUNDER - 1982

NO. SAMPLES:	4	4
AVERAGE:	0.303	0.3
STD. DEV.:	13.072	13.1
UPPER CONFIDENCE LIMIT:	26.446	26.4
HIGH:	0.500	0.5
LOW:	0.040	0.0
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

TOTAL PARTICULATES - COLOR WEIGH COMPOUNDER - 1982

NO. SAMPLES:	11	11
AVERAGE:	5.565	5.6
STD. DEV.:	12.693	12.7
UPPER CONFIDENCE LIMIT:	30.950	31.0
HIGH:	36.670	36.7
LOW:	0.400	0.4
NO. OVEREXPOSURES:	1	1
% OVEREXPOSURES:	9.091	9.1

TOTAL PARTICULATES - DRYER OPERATOR - 1982

NO. SAMPLES:	3	3
AVERAGE:	0.487	0.5
STD. DEV.:	28.386	28.4
UPPER CONFIDENCE LIMIT:	57.259	57.3
HIGH:	1.000	1.0
LOW:	0.000	0.0
NO. OVEREXPOSURES:	0	0
% OVEREXPOSURES:	0.000	0.0

TOTAL PARTICULATES - TOTAL PLANT - 1982

NO. SAMPLES:	47	47
AVERAGE:	2.517	2.5
STD. DEV.:	8.598	8.6
UPPER CONFIDENCE LIMIT:	19.713	19.7
HIGH:	36.670	36.7
LOW:	0.000	0.0
NO. OVEREXPOSURES:	2	2
% OVEREXPOSURES:	4.255	4.3