



PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0001 CELCON

START DATE - 09/01/61

END DATE - 01/01/62

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

8616 OPERATOR B

SHEET NO. - 001

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN	INHAL	.00000
00045	AMMONIA	LOW	INHAL	INHAL	.00000
00093	ARALDITE RD-2	LOW	INHAL	INHAL	.00000
00096	BENZENE	MED	SKIN	INHAL	.00000
00136	BORON TRIFLUORIDE	LOW	SKIN	INHAL	.00000
00175	CALCIUM RICINOLEATE	LOW	SKIN	INHAL	.00000
00247	DICY	LOW	SKIN	INHAL	.00000
00295	SODIUM HYDROXIDE SOLUTIONS, 40% AND 50%	LOW	SKIN	INHAL	.00000
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	INHAL	.00000
00606	IRGANOX 1010	LOW	SKIN	INHAL	.00000
00765	HCCG METHYLAL	LOW	SKIN	INHAL	.00000
00791	MONOETHANOLAMINE	LOW	SKIN	INHAL	.00000
01135	SULFURIC ACID	LOW	SKIN	INHAL	.00000
01214	TRIOXANE	MED	SKIN	INHAL	.00000
01310	ZINC STEARATE	LOW	SKIN	INHAL	.00000
01469	NOISE	HIGH	SKIN	INHAL	.00000
02188	CELCON	HIGH	SKIN	INHAL	.00000
20014	NITROGEN	LOW	SKIN	INHAL	.00000
20100	HCCG ETHYLENE OXIDE	LOW	SKIN	INHAL	.00000
20110	FORMALDEHYDE	HIGH	SKIN	INHAL	.00000
20672	HCCG METHANDL	MED	SKIN	INHAL	.00000

005319

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0001 CELCON

START DATE - 01/02/62

END DATE - 04/02/64

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 002

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN	INHAL	.00000
00045	AMMONIA	LOW	INHAL	INHAL	.00000
00093	ARALDITE RD-2	LOW	INHAL	INHAL	.00000
00096	BENZENE	MED	SKIN	INHAL	.00000
00136	BORON TRIFLUORIDE	LOW	SKIN	INHAL	.00000
00175	CALCIUM RICINOLEATE	LOW	SKIN	INHAL	.00000
00247	DICY	LOW	SKIN	INHAL	.00000
00295	SODIUM HYDROXIDE SOLUTIONS, 40% AND 50%	LOW	SKIN	INHAL	.00000
00338	THERMINOL 80 HEAT TRANSFER FLUID	LOW	SKIN	INHAL	.00000
00606	IRGANOX 1010	LOW	SKIN	INHAL	.00000
00765	HCCG METHYLAL	LOW	SKIN	INHAL	.00000
00791	MONOETHANOLAMINE	LOW	SKIN	INHAL	.00000
01135	SULFURIC ACID	LOW	SKIN	INHAL	.00000
01212	HCCG TRIETHYLAMINE	LOW	SKIN	INHAL	.00000
01214	TRIOXANE	MED	SKIN	INHAL	.00000
01310	ZINC STEARATE	LOW	SKIN	INHAL	.00000
01469	NOISE	HIGH	SKIN	INHAL	.00000
02188	CELCON	HIGH	SKIN	INHAL	.00000
20014	NITROGEN	LOW	SKIN	INHAL	.00000
20100	HCCG ETHYLENE OXIDE	LOW	SKIN	INHAL	.00000
20110	FORMALDEHYDE	HIGH	SKIN	INHAL	.00000
20672	HCCG METHANOL	MED	SKIN	INHAL	.00000

005320

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0001 CELCON

START DATE - 04/03/84

END DATE - 04/02/87

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

8616 OPERATOR B

SHEET NO. - 003

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN	INHAL	.00000
00093	ARALDITE RD-2	LOW	INHAL	INHAL	.00000
00096	BENZENE	MED	SKIN	INHAL	.00000
00136	BORON TRIFLUORIDE	LOW	SKIN	INHAL	.00000
00175	CALCIUM RICINOLEATE	LOW	SKIN	INHAL	.00000
00247	DICY	LOW	SKIN	INHAL	.00000
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	INHAL	.00000
00606	IRGANOX 1010	LOW	SKIN	INHAL	.00000
00765	HCCG METHYLAL	LOW	SKIN	INHAL	.00000
00791	MONOETHANOLAMINE	LOW	SKIN	INHAL	.00000
01135	SULFURIC ACID	LOW	SKIN	INHAL	.00000
01212	HCCG TRIETHYLAMINE	LOW	SKIN	INHAL	.00000
01214	TRIOXANE	MED	SKIN	INHAL	.00000
01310	ZINC STEARATE	LOW	SKIN	INHAL	.00000
01469	NOISE	HIGH		INHAL	.00000
02188	CELCON	HIGH		INHAL	.00000
20014	NITROGEN	LOW		INHAL	.00000
20100	HCCG ETHYLENE OXIDE	LOW		INHAL	.00000
20110	FORMALDEHYDE	HIGH	SKIN	INHAL	.00000
20149	SILVER REFERENCE STANDARD SOLUTION 1000 PPM AG	LOW	SKIN	INHAL	.00000
20672	HCCG METHANOL	MED		INHAL	.00000

005321

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0001 CELCON

START DATE - 04/03/97

END DATE - 01/02/70

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9816 OPERATOR B

SHEET NO. - 004

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN	INHAL	.00000
00093	ARALDITE RD-2	LOW	SKIN	INHAL	.00000
00096	BENZENE	MED	SKIN	INHAL	.00000
00136	BORON TRIFLUORIDE	LOW	SKIN	INHAL	.00000
00175	CALCIUM RICINOLEATE	LOW	SKIN	INHAL	.00000
00247	DICY	LOW	SKIN	INHAL	.00000
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	INHAL	.00000
00806	IRGANOX 1010	LOW	SKIN	INHAL	.00000
00765	HCCG METHYLAL	LOW	SKIN	INHAL	.00000
00791	MONOMETHANOLAMINE	LOW	SKIN	INHAL	.00000
01135	SULFURIC ACID	LOW	SKIN	INHAL	.00000
01212	HCCG TRIETHYLAMINE	LOW	SKIN	INHAL	.00000
01214	TRIOXANE	MED	SKIN	INHAL	.00000
01310	ZINC STEARATE	LOW	SKIN	INHAL	.00000
01469	NOISE	HIGH			.00000
02188	CELCON	HIGH			.00000
20014	NITROGEN	LOW	SKIN	INHAL	.00000
20100	HCCG ETHYLENE OXIDE	LOW	SKIN	INHAL	.00000
20110	FORMALDEHYDE	HIGH	SKIN	INHAL	.00000
20149	SILVER REFERENCE STANDARD SOLUTION 1000 PPM AG	LOW	SKIN	INHAL	.00000
20672	HCCG METHANOL	MED	SKIN	INHAL	.00000

005322

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0003 CELCON PILOT PLANT

START DATE - 02/01/92

END DATE - 01/01/70

AREA -

JOB(S) - 0000 CONTRACTOR

SHEET NO. - 019

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00045	AMMONIA	LOW	INHAL	.00000	
00093	ARALDITE RD-2	LOW	INHAL	.00000	
00096	BENZENE	LOW	INHAL	.00000	
00136	BORON TRIFLUORIDE	LOW	INHAL	.00000	
00299	CYCLOHEXANE	LOW	INHAL	.00000	
00755	HCCG METHYLAL	LOW	INHAL	.00000	
01214	TRIOXANE	MED	SKIN	.00000	
01310	ZINC STEARATE	LOW	INHAL	.00000	
01469	NOISE	MED	SKIN	.00000	
02188	CELCON	MED	INHAL	.00000	
02449	PENTAERYTHRITOL DIFORMAL	LOW	INHAL	.00000	
20100	HCCG ETHYLENE OXIDE	LOW	INHAL	.00000	
20110	FORMALDEHYDE	HIGH	INHAL	.00000	
20672	HCCG METHANOL	MED	INHAL	.00000	

005323

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT
UNIT - 0004 BLACK CONCENTRATE UNIT
START DATE - 11/01/89
END DATE - 06/01/80
AREA -
JOB(S) - 9238 OPERATOR A/OPERATOR
SHEET NO. - 008

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00096	BENZENE	MED	INHAL	.00000	
00247	DICY	LOW	SKIN INHAL	.00000	
01453	CARBON BLACK	MED	SKIN INHAL	.00000	
01469	NOISE	HIGH		.00000	
02188	CELCON	MED	SKIN INHAL	.00000	
20110	FORMALDEHYDE	HIGH	INHAL	.00000	

005324

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0005 TRIOXANE/SOLUTION HYDROLYSIS - 2

START DATE - 04/01/70

END DATE - 02/01/75

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 009

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00096	BENZENE	MED	SKIN INHAL	.00000	
00295	SODIUM HYDROXIDE SOLUTIONS, 40% AND 50%	LOW	SKIN	.00000	
01135	SULFURIC ACID	LOW	SKIN	.00000	
01214	TRIOXANE	MED	INHAL	.00000	
01469	NOISE	MED		.00000	
20014	NITROGEN	LOW	INHAL	.00000	
20110	FORMALDEHYDE	HIGH	SKIN INHAL	.00000	
20672	HCCG METHANOL	LOW	INHAL	.00000	

005325

PLANT PROCESS DESCRIPTIONS

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00093	ARALDITE RD-2	LOW	SKIN	INHAL	.00000
00096	BENZENE	MED	SKIN	INHAL	.00000
00136	BORON TRIFLUORIDE	LOW	SKIN	INHAL	.00000
00295	SODIUM HYDROXIDE SOLUTIONS, 40% AND 50%	LOW	SKIN	INHAL	.00000
00299	CYCLOHEXANE	LOW	SKIN	INHAL	.00000
00765	HCCG METHYLAL	LOW	SKIN	INHAL	.00000
00791	MONOETHANOLAMINE	LOW	SKIN	INHAL	.00000
01135	SULFURIC ACID	LOW	SKIN	INHAL	.00000
01212	HCCG TRIETHYLAMINE	LOW	SKIN	INHAL	.00000
01214	TRIOXANE	LOW	SKIN	INHAL	.00000
01469	NOISE	MED	SKIN	INHAL	.00000
02188	CELCON	LOW	SKIN	INHAL	.00000
20014	NITROGEN	LOW	SKIN	INHAL	.00000
20100	HCCG ETHYLENE OXIDE	LOW	SKIN	INHAL	.00000
20110	FORMALDEHYDE	MED	SKIN	INHAL	.00000
20672	HCCG METHANOL	MED	SKIN	INHAL	.00000

PLANT - 046 BISHOP PLASTICS PLANT
UNIT - 0005 TRIOXANE/SOLUTION HYDROLYSIS - 2
START DATE - 02/02/75
END DATE - 06/01/80
AREA -
JOB(S) - 0904 SHIFT SUPERVISOR
9236 OPERATOR A/OPERATOR
9616 OPERATOR B
SHEET NO. - 010

005326

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0006 SPECIAL PRODUCTS

START DATE - 01/01/70

END DATE - 01/01/72

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

8616 OPERATOR B

SHEET NO. - 011

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN INHAL	.00000	
00012	ACRYLOID KM-330 MODIFIER	LOW	SKIN INHAL	.00000	
00066	ANTIMONY TRIOXIDE	LOW	SKIN INHAL	.00000	
00175	CALCIUM RICINOLEATE	LOW	SKIN INHAL	.00000	
00247	DICY	LOW	SKIN INHAL	.00000	
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	.00000	
00408	ELVAMIDE NYLON MULTIPOLYMER RESINS	LOW	SKIN INHAL	.00000	
00442	FIBERGLASS	LOW	SKIN INHAL	.00000	
00571	HYTREL 4056 POLYESTER ELASTOMER	LOW	SKIN INHAL	.00000	
00749	AERO MELAMINE	LOW	SKIN INHAL	.00000	
00822	NICKEL	LOW	SKIN INHAL	.00000	
00906	PBT POLYMER	LOW	SKIN INHAL	.00000	
00918	POLYESTER TOW (POLYETHYLENE TEREPHTHALATE)	LOW	SKIN INHAL	.00000	
01052	MARIETTA SUZORITE MICA	LOW	SKIN INHAL	.00000	
01161	TEFLON K-20	LOW	SKIN INHAL	.00000	
01310	ZINC STEARATE	LOW	SKIN INHAL	.00000	
01432	CHROMIUM	LOW	SKIN INHAL	.00000	
01433	COBALT METAL, DUST AND FUME	LOW	SKIN INHAL	.00000	
01455	TOTAL PARTICULATE	LOW	SKIN INHAL	.00000	
01462	TALC	LOW	SKIN INHAL	.00000	
01469	NOISE	MED	INHAL	.00000	
01555	TITANIUM DIOXIDE	LOW	SKIN INHAL	.00000	
02092	ONCOR 75 KA	LOW	SKIN INHAL	.00000	
02107	CALCIUM OXIDE, 99.95%	LOW	SKIN INHAL	.00000	
02144	DECABROMODIPHENYL ETHER	LOW	SKIN INHAL	.00000	
02145	PHENOXY RESIN BAKELITE PKHA, PKHC, & PKHH	LOW	SKIN INHAL	.00000	
02188	CELCON	MED	SKIN INHAL	.00000	
02450	TINUVIN 328	LOW	SKIN INHAL	.00000	
20016	ALUMINUM	LOW	SKIN INHAL	.00000	
20029	ASBESTOS	MED	SKIN INHAL	.00000	
20031	BARIUM OXIDE	LOW	SKIN INHAL	.00000	
20047	IRON OXIDE	LOW	SKIN INHAL	.00000	
20072	COPPER	LOW	SKIN INHAL	.00000	
20109	ZINC	LOW	SKIN INHAL	.00000	
20110	FORMALDEHYDE	LOW	SKIN INHAL	.00000	
20150	CADMIUM	LOW	SKIN INHAL	.00000	
20937	SODIUM BICARBONATE	LOW	SKIN INHAL	.00000	

005327

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0008 SPECIAL PRODUCTS

START DATE - 01/02/72

END DATE - 06/01/80

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9618 OPERATOR B

SHEET NO. - 012

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAVAX C LUBRICANT	LOW	SKIN INHAL	.00000	
00012	ACRYLOID KM-330 MODIFIER	LOW	SKIN INHAL	.00000	
00066	ANTIMONY TRIOXIDE	LOW	SKIN INHAL	.00000	
00175	CALCIUM RICINOLEATE	LOW	SKIN INHAL	.00000	
00247	DICY	LOW	SKIN INHAL	.00000	
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	.00000	
00408	ELVAMIDE NYLON MULTIPOLYMER RESINS	LOW	SKIN INHAL	.00000	
00442	FIBERGLASS	LOW	SKIN INHAL	.00000	
00571	HYTREL 4056 POLYESTER ELASTOMER	LOW	SKIN INHAL	.00000	
00749	AERO MELAMINE	LOW	SKIN INHAL	.00000	
00822	NICKEL	LOW	SKIN INHAL	.00000	
00908	PBT POLYMER	LOW	SKIN INHAL	.00000	
00918	POLYESTER TOW (POLYETHYLENE TEREPHTHALATE)	LOW	SKIN INHAL	.00000	
01052	MARIETTA SUZORITE MICA	LOW	SKIN INHAL	.00000	
01161	TEFLON K-20	LOW	SKIN INHAL	.00000	
01310	ZINC STEARATE	LOW	SKIN INHAL	.00000	
01432	CHROMIUM	LOW	SKIN INHAL	.00000	
01433	COBALT METAL; DUST AND FUME	LOW	SKIN INHAL	.00000	
01455	TOTAL PARTICULATE	LOW	SKIN INHAL	.00000	
01462	TALC	LOW	SKIN INHAL	.00000	
01469	NOISE	MED	SKIN INHAL	.00000	
01555	TITANIUM DIOXIDE	LOW	SKIN INHAL	.00000	
02092	ONCOR 75 KA	LOW	SKIN INHAL	.00000	
02107	CALCIUM OXIDE, 99.95%	LOW	SKIN INHAL	.00000	
02144	DECABROMODIPHENYL ETHER	LOW	SKIN INHAL	.00000	
02145	PHENOXY RESIN BAKELITE PKHA, PKHC, & PKHH	MED	SKIN INHAL	.00000	
02188	CELCON	LOW	SKIN INHAL	.00000	
02450	TINUVIN 328	LOW	SKIN INHAL	.00000	
20016	ALUMINUM	LOW	SKIN INHAL	.00000	
20029	ASBESTOS	LOW	SKIN INHAL	.00000	
20031	BARIUM OXIDE	LOW	SKIN INHAL	.00000	
20047	IRON OXIDE	LOW	SKIN INHAL	.00000	
20072	COPPER	LOW	SKIN INHAL	.00000	
20109	ZINC	LOW	SKIN INHAL	.00000	
20110	FORMALDEHYDE	LOW	SKIN INHAL	.00000	
20150	CADMIUM	LOW	SKIN INHAL	.00000	
20937	SODIUM BICARBONATE	LOW	SKIN INHAL	.00000	

005328

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0007 TRIOXANE/SOLUTION HYDROLYSIS - 1

START DATE - 01/01/70

END DATE - 01/01/72

AREA -

JDB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9816 OPERATOR B

SHEET NO. - 005

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00093	ARALDITE RD-2	LOW	SKIN	INHAL	.00000
00096	BENZENE	MED	SKIN	INHAL	.00000
00136	BORON TRIFLUORIDE	LOW	SKIN	INHAL	.00000
00295	SODIUM HYDROXIDE SOLUTIONS, 40% AND 50%	LOW	SKIN	SKIN	.00000
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	SKIN	.00000
00765	HCCG METHYLAL	LOW	SKIN	INHAL	.00000
00791	MONOETHANOLAMINE	LOW	SKIN	INHAL	.00000
01135	SULFURIC ACID	LOW	SKIN	SKIN	.00000
01212	HCCG TRIETHYLAMINE	LOW	SKIN	INHAL	.00000
01214	TRIOXANE	MED	SKIN	INHAL	.00000
01469	NOISE	HIGH	SKIN	INHAL	.00000
02188	CELCON	MED	SKIN	INHAL	.00000
20014	NITROGEN	LOW	SKIN	INHAL	.00000
20100	HCCG ETHYLENE OXIDE	LOW	SKIN	INHAL	.00000
20110	FORMALDEHYDE	HIGH	SKIN	INHAL	.00000
20149	SILVER REFERENCE STANDARD SOLUTION 1000 PPM AG	LOW	SKIN	SKIN	.00000
20672	HCCG METHANOL	MED	SKIN	INHAL	.00000

005329

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0007 TRIOXANE/SOLUTION HYDROLYSIS - 1

START DATE - 01/02/72

END DATE - 01/01/75

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 006

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00093	ARALDITE RO-2	LOW			
00096	BENZENE	MED	SKIN	.00000	INHAL
00136	BORON TRIFLUORIDE	LOW	INHAL	.00000	INHAL
00295	SODIUM HYDROXIDE SOLUTIONS, 40% AND 50%	LOW	SKIN	.00000	INHAL
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	.00000	
00765	HCCG METHYLAL	LOW	SKIN	.00000	
00791	MONDETHANOLAMINE	LOW	SKIN	.00000	
01135	SULFURIC ACID	LOW	SKIN	.00000	
01212	HCCG TRIETHYLAMINE	LOW	SKIN	.00000	
01214	TRIOXANE	MED	SKIN	.00000	
01469	NOISE	HIGH		.00000	
02188	CELCON	MED		.00000	
20014	NITROGEN	LOW	INHAL	.00000	
20100	HCCG ETHYLENE OXIDE	LOW	INHAL	.00000	
20110	FORMALDEHYDE	HIGH	SKIN	.00000	
20672	HCCG METHANOL	MED	INHAL	.00000	

005330

PLANT PROCESS DESCRIPTIONS

PLANT - 048 BISHOP PLASTICS PLANT

UNIT - 0007 TRIOXANE/SOLUTION HYDROLYSIS - 1

START DATE - 01/02/75

END DATE - 06/01/80

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 007

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00093	ARALDITE RD-2	LOW			
00096	BENZENE	LOW	SKIN	INHAL	.00000
00136	BORON TRIFLUORIDE	LOW	SKIN	INHAL	.00000
00295	SODIUM HYDROXIDE SOLUTIONS, 40% AND 50%	LOW	SKIN	INHAL	.00000
00299	CYCLOHEXANE	LOW		INHAL	.00000
00765	HCCG METHYLAL	LOW		INHAL	.00000
00781	MONOETHANOLAMINE	LOW		INHAL	.00000
01135	SULFURIC ACID	LOW	SKIN	INHAL	.00000
01212	HCCG TRIETHYLAMINE	LOW	SKIN	INHAL	.00000
01214	TRIOXANE	LOW	SKIN	INHAL	.00000
01469	NOISE	HIGH			.00000
02188	CELCON	MED		INHAL	.00000
20014	NITROGEN	LOW		INHAL	.00000
20100	HCCG ETHYLENE OXIDE	LOW		INHAL	.00000
20110	FORMALDEHYDE	HIGH	SKIN	INHAL	.00000
20672	HCCG METHANOL	MED	INHAL	INHAL	.00000

005331

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0008 NATURAL FINISHING

START DATE - 01/01/70

END DATE - 06/01/80

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR
 9236 OPERATOR A/OPERATOR
 9616 OPERATOR B

SHEET NO. - 013

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN INHAL	.00000	
00068	ANTIOXIDANT SUMILIZER MDP			.00000	
00175	CALCIUM RICINOLEATE	LOW	SKIN	.00000	
00247	DICY	LOW	SKIN INHAL	.00000	
00338	THERMINOL 60 HEAT TRANSFER FLUID	LOW	SKIN	.00000	
00373	DOWTHERM A HEAT TRANSFER FLUID	LOW	SKIN	.00000	
00408	ELVAMIDE NYLON MULTIPOLYMER RESINS	LOW	SKIN INHAL	.00000	
00442	FIBERGLASS	LOW	SKIN INHAL	.00000	
00607	IRGANOX 259	LOW	SKIN INHAL	.00000	
00749	AERO MELAMINE	LOW	SKIN INHAL	.00000	
01310	ZINC STEARATE	LOW	SKIN INHAL	.00000	
01455	TOTAL PARTICULATE	HIGH	SKIN INHAL	.00000	
01462	TALC	LOW	SKIN INHAL	.00000	
01469	NOISE	HIGH	SKIN INHAL	.00000	
01555	TITANIUM DIOXIDE		SKIN INHAL	.00000	
02107	CALCIUM OXIDE, 99.95%	LOW	SKIN INHAL	.00000	
02145	PHENOXY RESIN BAKELITE PKHA, PKHC, & PKHH	LOW	SKIN	.00000	
02146	ANTIOXIDANT CAO-5			.00000	
02188	CELCON	HIGH	INHAL	.00000	
02379	2,2'-METHYLENEBIS(3,4,6-TRICHLOROPHENOL)	LOW	SKIN INHAL	.00000	
02450	TINUVIN 328	LOW	SKIN INHAL	.00000	
20031	BARIUM OXIDE	LOW	SKIN INHAL	.00000	
20110	FORMALDEHYDE	MED	SKIN INHAL	.00000	

005332

PLANT PROCESS DESCRIPTIONS

PLANT - 048 BISHOP PLASTICS PLANT

UNIT - 0009 CELANEX

START DATE - 11/01/74

END DATE - 01/01/79

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 014

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN	.00000	INHAL
00066	ANTIMONY TRIOXIDE	MED	SKIN	.00000	INHAL
00442	FIBERGLASS	LOW	SKIN	.00000	INHAL
00908	PBT POLYMER	LOW	INHAL	.00000	INHAL
00918	POLYESTER TOW (POLYETHYLENE TEREPHTHALATE)	LOW	INHAL	.00000	INHAL
01453	CARBON BLACK	LOW	SKIN	.00000	INHAL
01455	TOTAL PARTICULATE	MED	SKIN	.00000	INHAL
01457	HEAT STRESS	MED	SKIN	.00000	INHAL
01469	NOISE	MED		.00000	INHAL
02144	DECABROMODIPHENYL ETHER	LOW	INHAL	.00000	INHAL
20028	ASBESTOS	MED	INHAL	.00000	INHAL

005333

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0009 CELANEX

START DATE - 01/02/79

END DATE - 06/01/80

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 015

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN	.00000	INHAL
00066	ANTIMONY TRIOXIDE	LOW	SKIN	.00000	INHAL
00442	FIBERGLASS	LOW	SKIN	.00000	INHAL
00908	PBT POLYMER	LOW	SKIN	.00000	INHAL
00918	POLYESTER TOW (POLYETHYLENE TEREPHTHALATE)	LOW	SKIN	.00000	INHAL
01453	CARBON BLACK	LOW	SKIN	.00000	INHAL
01455	TOTAL PARTICULATE	LOW	SKIN	.00000	INHAL
01467	HEAT STRESS	MED	SKIN	.00000	INHAL
01469	NOISE	MED	SKIN	.00000	INHAL
02144	DECABROMODIPHENYL ETHER	LOW	SKIN	.00000	INHAL
20029	ASBESTOS	LOW	SKIN	.00000	INHAL

005334

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT
 UNIT - 0010 MELT HYDROLYSIS - 2
 START DATE - 06/02/75
 END DATE - 06/01/80
 AREA -
 JOB(S) - 0904 SHIFT SUPERVISOR
 9236 OPERATOR A/OPERATOR
 9616 OPERATOR B
 SHEET NO. - 016

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00093	ARALDITE RD-2	LOW		.00000	
00136	BORON TRIFLUORIDE	LOW		.00000	
00765	HCCG METHYLAL			.00000	
01212	HCCG TRIETHYLAMINE	LOW		.00000	
01214	TRIOXANE	LOW		.00000	
01469	NOISE	MED		.00000	
20014	NITROGEN	LOW		.00000	
20100	HCCG ETHYLENE OXIDE	LOW		.00000	
20110	FORMALDEHYDE	MED		.00000	

005335

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0011 NYLON

START DATE - 03/01/78

END DATE - 08/01/80

AREA -

JOB(S) - 0804 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 017

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00005	HCCG ACETIC ACID, GLACIAL	LOW	SKIN	.00000	
00037	ALUMINUM STEARATE	LOW	INHAL	.00000	
00293	CUPRIC ACETATE	LOW	SKIN	.00000	
00373	DOWTHERM A HEAT TRANSFER FLUID	LOW	SKIN	.00000	
00408	ELVAMIDE NYLON MULTIPOLYMER RESINS	LOW	INHAL	.00000	
00442	FIBERGLASS	LOW	SKIN INHAL	.00000	
00469	HCCG FORMIC ACID	LOW	SKIN	.00000	
00639	METHYLENE CHLORIDE	LOW	INHAL	.00000	
00669	LITHIUM IODIDE SOLUTION, 55%	LOW	SKIN	.00000	
00949	POTASSIUM IODIDE	LOW	SKIN	.00000	
01300	WOLLASTONITE	LOW	INHAL	.00000	
01310	ZINC STEARATE	LOW	SKIN INHAL	.00000	
01359	NYLON 6,6 SALT SOLUTION (50%)	MED	SKIN INHAL	.00000	
01453	CARBON BLACK	LOW	SKIN INHAL	.00000	
01455	TOTAL PARTICULATE	LOW	INHAL	.00000	
01469	NOISE	LOW	INHAL	.00000	
02145	PHENOXY RESIN BAKELITE PKHA, PKHC, & PKHH	LOW	INHAL	.00000	
02147	CALCIUM FLUORIDE	LOW	SKIN	.00000	
20552	HEXAMETHYLENEDIAMINE (HMDA)	LOW	INHAL	.00000	
21128	STEARYL ALCOHOL	LOW	SKIN	.00000	

005336

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 0013 CELCON WAREHOUSE

START DATE - 09/01/61

END DATE - 06/01/80

AREA -

JOB(S) - 0904 SHIFT SUPERVISOR

9236 OPERATOR A/OPERATOR

9616 OPERATOR B

SHEET NO. - 018

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00010	ACRAWAX C LUBRICANT	LOW	SKIN INHAL	.00000	
00012	ACRYLOID KM-330 MODIFIER	LOW	SKIN INHAL	.00000	
00029	ALUMINUM OXIDE, ACTIVATED, BASIC	LOW	SKIN INHAL	.00000	
00086	ANTIMONY TRIOXIDE	LOW	SKIN INHAL	.00000	
00086	BARIUM HYDROXIDE	LOW	SKIN INHAL	.00000	
00175	CALCIUM RICINOLEATE	LOW	SKIN INHAL	.00000	
00182	CARBON MONOXIDE	LOW	SKIN INHAL	.00000	
00247	DICY	LOW	SKIN INHAL	.00000	
00408	ELVAMIDE NYLON MULTIPOLYMER RESINS	LOW	SKIN INHAL	.00000	
00442	FIBERGLASS	LOW	SKIN INHAL	.00000	
00571	HYTREL 4056 POLYESTER ELASTOMER	LOW	SKIN INHAL	.00000	
00749	AERO MELAMINE	LOW	SKIN INHAL	.00000	
00822	NICKEL	LOW	SKIN INHAL	.00000	
00906	PBT POLYMER	LOW	SKIN INHAL	.00000	
00918	POLYESTER TOW (POLYETHYLENE TEREPHTHALATE)	LOW	SKIN INHAL	.00000	
01052	MARIETTA SUZORITE MICA	LOW	SKIN INHAL	.00000	
01161	TEFLON K-20	LOW	SKIN INHAL	.00000	
01300	WOLLASTONITE	LOW	SKIN INHAL	.00000	
01310	ZINC STEARATE	LOW	SKIN INHAL	.00000	
01432	CHROMIUM	LOW	SKIN INHAL	.00000	
01433	COBALT METAL, DUST AND FUME	LOW	SKIN INHAL	.00000	
01446	SELENIUM	LOW	SKIN INHAL	.00000	
01462	TALC	LOW	SKIN INHAL	.00000	
01469	NOISE	LOW	SKIN INHAL	.00000	
01555	TITANIUM DIOXIDE	LOW	SKIN INHAL	.00000	
02092	ONCOR 75 KA	LOW	SKIN INHAL	.00000	
02107	CALCIUM OXIDE, 99.95%	LOW	SKIN INHAL	.00000	
02144	DECABROMODIPHENYL ETHER	LOW	SKIN INHAL	.00000	
02145	PHENOXY RESIN BAKELITE PKHA, PKHC, & PKHH	LOW	SKIN INHAL	.00000	
02188	CELCON	LOW	SKIN INHAL	.00000	
02450	TINJVIN 328	LOW	SKIN INHAL	.00000	
20029	ASBESTOS	LOW	SKIN INHAL	.00000	
20031	BARIUM OXIDE	LOW	SKIN INHAL	.00000	
20047	IRON OXIDE	LOW	SKIN INHAL	.00000	
20072	COPPER	LOW	SKIN INHAL	.00000	
20109	ZINC	LOW	SKIN INHAL	.00000	
20110	FORMALDEHYDE	LOW	SKIN INHAL	.00000	
20150	CADMIUM	LOW	SKIN INHAL	.00000	

005337

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 9999 MAINTENANCE
START DATE - 08/01/61
END DATE - 01/01/70
AREA -
JOB(S) - 0000 CONTRACTOR
SHEET NO. - 020

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00098	BENZENE	MED	SKIN INHAL	.00000	
01214	TRIOXANE	MED	SKIN INHAL	.00000	
01469	NOISE	HIGH		.00000	
20100	HCCG ETHYLENE OXIDE	LOW	INHAL	.00000	
20110	FORMALDEHYDE	HIGH	SKIN INHAL	.00000	
20672	HCCG METHANOL	MED	SKIN INHAL	.00000	

PLANT PROCESS DESCRIPTIONS

PLANT - 046 BISHOP PLASTICS PLANT

UNIT - 9989 MAINTENANCE

START DATE - 01/02/70

END DATE - 08/01/80

AREA -

JOB(S) - 0000 CONTRACTOR

SHEET NO. - 021

CONTAMINANT	NAME	EXP. POT.	MODE	CONCENTRATION	UNITS
00096	BENZENE	MED	SKIN INHAL	.00000	
01214	TRIOXANE	MED	SKIN INHAL	.00000	
01469	NOISE	HIGH		.00000	
20029	ASBESTOS	LOW	INHAL	.00000	
20100	HCCG ETHYLENE OXIDE	LOW	SKIN INHAL	.00000	
20110	FORMALDEHYDE	HIGH	SKIN INHAL	.00000	
20672	HCCG METHANOL	MED	SKIN INHAL	.00000	

005339

A	END	JOB02975	CCHS115	1	001	001	R56	Z	ROOM	5.13.49	PM	03	APR	98	R56.PR1	H811	END	A
A	END	JOB02975	CCHS115	1	001	001	R56	Z	ROOM	5.13.49	PM	03	APR	98	R56.PR1	H811	END	A
A	END	JOB02975	CCHS115	1	001	001	R56	Z	ROOM	5.13.49	PM	03	APR	98	R56.PR1	H811	END	A
A	END	JOB02975	CCHS115	1	001	001	R56	Z	ROOM	5.13.49	PM	03	APR	98	R56.PR1	H811	END	A
A	END	JOB02975	CCHS115	1	001	001	R56	Z	ROOM	5.13.49	PM	03	APR	98	R56.PR1	H811	END	A
A	END	JOB02975	CCHS115	1	001	001	R56	Z	ROOM	5.13.49	PM	03	APR	98	R56.PR1	H811	END	A

005340