DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

PROCESS INFORMATION:

COMPANY NAME: SUPERIOR PLATING CO
(5.) BUILDING: MAIN PLANT 1

DEP REG / DEP STK [1]	SOURCE DESCRIPTION / VENT I.D. [2]	PRIMARY/SECONDARY / CONTROL SYSTEM [3]	HR/DAY / WKS/YR [4]	HRS/WK / HRS/YR [5]	TEMP (°F) [6]	DEP PROCESS - MATERIAL NUMBER / INPUT MATERIAL [7]	SUPPLIER [8]	DAILY USAGE PEAK /UNITS [9]	DAILY USAGE ACTUAL /UNITS [10]	REGULATION SECTION [11]
R 77	P-18 TANK	CYCLONE	24	~~60~~ 120		1 - 1	Atotech	56.0	~~5~~ 9	
2	2 BLOWER	DEMISTOR	~~49~~ 50	~~5880~~ 6000	150	CHROMIC ACID	~~M&T CHEMICALS~~	LBS	LBS	
R 73	P-19 TANK	CYCLONE	24	~~80~~ 120		1 - 1		150.0	~~18~~ 8	
2	2 BLOWER	DEMISTOR	~~49~~ 50	~~5880~~ 6000	135	CHROMIC ACID	ATOTECH	LBS	LBS	
N 0	P-20 TANK	CYCLONE	24	~~60~~ 120		1 - 1		25.0	~~10~~ 16	
—	2 BLOWER	DEMISTOR	~~49~~ 50	~~5880~~ 6000	158	CHROMIC ACID	ATOTECH	LBS	LBS	
R 76	P-21 TANK	CYCLONE	24	~~60~~ 120		1 - 1		25.0	~~3~~ 8	
2	2 BLOWER	DEMISTOR	~~49~~ 50	~~5880~~ 6000	140	CHROMIC ACID	ATOTECH	LBS	LBS	
R 78	P-23 TANK	CYCLONE	24	~~80~~ 120		1 - 1		150.0	~~27~~ 3	
2	2 BLOWER	DEMISTOR	~~49~~ 50	~~5880~~ 6000	135	CHROMIC ACID	ATOTECH	LBS	LBS	
R 79	P-24 TANK	CYCLONE	24	~~80~~ 120		1 - 1		100.0	~~7~~ 10	
2	2 BLOWER	DEMISTOR	~~49~~ 50	~~5880~~ 6000	140	CHROMIC ACID	ATOTECH	LBS	LBS	
N 0	ZINCATE CYCLE EXHAUST	DEMISTOR	3	15		1 - 1	Gilbert + Jones	30.0	1.4	
—	20		~~49~~ 50	~~735~~ 750	150	SODIUM HYDROXIDE	~~KREVIT CHEMICAL~~	LBS	LBS	
						1 - 2	Gilbert + Jones	60.0	12	
						NITRIC ACID	~~KREVIT CHEMICAL~~	GAL	GAL	
						1 - 3	Gilbert + Jones	20.0	4	
						AMMONIUM B. FLUORIDE	~~HUBBARD HALL~~	LBS	LBS	
N 0	DESPATCH OVEN VENT		~~5~~ 1	~~20~~ 5		1 - 1		2	1	
—	21		~~49~~ 50	~~980~~ 250	375	Plastisol	Chemionics	gals	gal	
N 0	BLAST ROOM EXHAUST		4	20		1 - 1		200.0	18	
—	22		~~49~~ 50	~~980~~ 1000	RT	ALUMINUM OXIDE	ELLSWORTH IND. SUP	LBS	LBS	
	Glass Bead Peening		5	25		Glass Bead	Ellsworth Ind. Sup.	200.0	33	

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

PROCESS INFORMATION:

COMPANY NAME: SUPERIOR PLATING CO
(5.) BUILDING: MAIN PLANT 2

DEP REG / DEP STK [1]	SOURCE DESCRIPTION / VENT I.D. [2]	PRIMARY/SECONDARY CONTROL SYSTEM [3]	HR/DAY / WKS/YR [4]	HRS/WK / HRS/YR [5]	TEMP (°F) [6]	DEP PROCESS - MATERIAL NUMBER / INPUT MATERIAL [7]	SUPPLIER [8]	DAILY USAGE PEAK /UNITS [9]	DAILY USAGE ACTUAL /UNITS [10]	REGULATION SECTION [11]
N 0	NICKEL STRIP & CLEANER TANK	DEMISTOR	24	120	170	1 - 1		23.0	0.5	
—	28		~~48~~ 50	~~5580~~ 6000	~~RT~~	NIPOSIT NICKEL STRIPPER 428	SHIPLEY COMPANY	GAL	GAL	
			24 50	120 6000	100	1 - 2 ~~SOAK HC#6022~~ EnPrep 214	Enthone ~~MACDERMID INC~~	55.0 LBS	~~2~~ 3 LBS	
N 0	ELECTROLESS NICKEL PLATING TKS	DEMISTOR	12	60		1 - 1	Gilbert + Jones	~~18.0~~ 44	~~8~~ 3	
—	29		~~48~~ 50	~~2940~~ 3000	190	STABUFF 420/421	~~MACDERMID INC~~	GAL	GAL	
N 0	BARREL STRIP TANK	CYCLONE	24	60		1 - 1	Gilbert + Jones	20.0	3	
—	3 BLOWER	DEMISTOR	~~48~~ 50	~~5880~~ 6000	100	SODIUM CARBONATE	~~GENERAL CHEMICAL~~	LBS	LBS	
R 91	P-31 TANK	CYCLONE	24	120		1 - 1		100.0	~~5~~ 10	
3	3 BLOWER	DEMISTOR	~~48~~ 50	~~5580~~ 6000	135	CHROMIC ACID	ATOTECH	LBS	LBS	
R 92	P-32 TANK	CYCLONE	24	120		1 - 1		100.0	~~5~~ 8	
3	3 BLOWER	DEMISTOR	~~48~~ 50	~~5880~~ 6000	135	CHROMIC ACID	ATOTECH	LBS	LBS	
R 90	P-33 TANK	CYCLONE	24	120		1 - 1		100.0	~~8~~ 14	
3	3 BLOWER	DEMISTOR	~~48~~ 50	~~5880~~ 6000	138	CHROMIC ACID	ATOTECH	LBS	LBS	
R 89	P-34 TANK	CYCLONE	24	120		1 - 1		50.0	~~4~~ 6	
3	3 BLOWER	DEMISTOR	~~48~~ 50	~~5880~~ 6000	140	CHROMIC ACID	ATOTECH	LBS	LBS	
R 86	P-37 TANK	CYCLONE	24	50		1 - 1		100.0	~~5~~ 4	
3	3 BLOWER	DEMISTOR	~~48~~ 50	~~5880~~ 6000	150	CHROMIC ACID	ATOTECH	LBS	LBS	
R 93	P-43 TANK	CYCLONE	24	120		1 - 1		50.0	~~5~~ 8	
3	3 BLOWER	DEMISTOR	~~48~~ 50	~~5880~~ 6000	140	CHROMIC ACID	ATOTECH	LBS	LBS	
R 87	P-44 TANK	CYCLONE	24	120		1 - 1		100.0	~~5~~ 18	
3	3 BLOWER	DEMISTOR	~~48~~ 50	~~5580~~ 6000	145	CHROMIC ACID	ATOTECH	LBS	LBS	

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

COMPANY NAME: SUPERIOR PLATING CO

(5.) BUILDING: MAIN PLANT 3

PROCESS INFORMATION:

DEP REG / DEP STK [1]	SOURCE DESCRIPTION / VENT I.D. [2]	PRIMARY/SECONDARY CONTROL SYSTEM [3]	HR/DAY / WKS/YR [4]	HRS/WK / HRS/YR [5]	TEMP (°F) [6]	DEP PROCESS - MATERIAL NUMBER / INPUT MATERIAL [7]	SUPPLIER [8]	DAILY USAGE PEAK /UNITS [9]	DAILY USAGE ACTUAL /UNITS [10]	REGULATION SECTION [11]
R 85 / 3	P-45 TANK / 3 BLOWER	CYCLONE / DEMISTOR	24 / ~~12~~ / ~~48~~ / 50	120 / ~~60~~ / ~~2040~~ / 6000	135	1 - 1 / CHROMIC ACID	ATOTECH	100.0 LBS	~~8~~ 12 LBS	
R 84 / —	P-46 TANK / 3 BLOWER	CYCLONE / DEMISTOR	24 / ~~48~~ / 50	~~60~~ 120 / ~~5880~~ / 6000	140	1 - 1 / CHROMIC ACID	ATOTECH	100.0 LBS	~~10~~ 9 LBS	
R 82 / —	P-55 TANK / 3 BLOWER	CYCLONE / DEMISTOR	24 / ~~48~~ / 50	~~60~~ 120 / ~~5880~~ / 6000	140	1 - 1 / CHROMIC ACID	Atotech ~~M & T CHEMICAL~~	50.0 LBS	4 LBS	
R 81 / —	P-56 TANK / 3 BLOWER	CYCLONE / DEMISTOR	24 / ~~48~~ / 50	120 / ~~5880~~ / 6000	140	1 - 1 / CHROMIC ACID	ATOTECH	100.0 LBS	~~8~~ 7 LBS	
N 0 / —	P-60 TANK / 3 BLOWER	CYCLONE / DEMISTOR	24 / ~~48~~ / 50	120 / ~~5880~~ / 6000	140	1 - 1 / CHROMIC ACID	ATOTECH	100.0 LBS	~~16~~ 11 LBS	
N 0 / —	S-17, STRIP TANK / 3 BLOWER	CYCLONE / DEMISTOR	24 / ~~48~~ / 50	120 / ~~5880~~ / 6000	150	1 - 1 / SODIUM CARBONATE	Gilbert + Jones ~~GENERAL CHEMICAL~~	50.0 LBS	~~8~~ 7 LBS	
N 0 / —	S-3, STRIP TANK / 3 BLOWER	CYCLONE / DEMISTOR	~~12~~ 2 / ~~48~~ / 50	~~60~~ 10 / ~~2040~~ / 500	RT	1 - 1 / SODIUM CARBONATE	Gilbert + Jones ~~GENERAL CHEMICAL~~	30.0 LBS	~~2~~ 0.5 LBS	
N 0 / —	S-35, STRIP TANK / 3 BLOWER	CYCLONE / DEMISTOR	24 / ~~48~~ / 50	120 / ~~5880~~ / 6000	150	1 - 1 / SODIUM CARBONATE	Gilbert + Jones ~~GENERAL CHEMICAL~~	25.0 LBS	~~2~~ 7 LBS	
N 0 / —	RACK DEPT. EXHAUST / 30		~~18~~ 12 / ~~48~~ / 50	~~50~~ 60 / ~~2450~~ / 3000	RT	1 - 1 / Lead Compounds	Tara Corp, Division Lead, Hisco, M.C. Canfield	500 lbs.	44 lbs.	
N 0 / —	LAB HOOD EXHAUST / 31		~~28~~ / ~~48~~ / 50	~~10~~ 40 / ~~480~~ / 2000	RT	1 - 1 / NITRIC ACID	Gilbert + Jones ~~KREVITT CHEMICAL~~	0.3 GAL	0.25 GAL	
N 0 / —	A.A. HOOD EXHAUST / 32		1 / ~~48~~ / 50	~~2~~ 5 / ~~98~~ / 250		1 - 1 / ACETYLENE	CT. Compress Gas ~~AIR GAS COMPANY~~	11.5 CUF	~~2.5~~ 5.4 CUF	

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

PROCESS INFORMATION:

COMPANY NAME: SUPERIOR PLATING CO

(5.) BUILDING: MAIN PLANT 4

DEP REG DEP STK [1]	SOURCE DESCRIPTION VENT I.D. [2]	PRIMARY/SECONDARY CONTROL SYSTEM [3]	HR/DAY WKS/YR [4]	HRS/WK HRS/YR [5]	TEMP (°F) [6]	DEP PROCESS - MATERIAL NUMBER INPUT MATERIAL [7]	SUPPLIER [8]	DAILY USAGE PEAK /UNITS [9]	DAILY USAGE ACTUAL /UNITS [10]	REGULATION SECTION [11]
N O	B.M. CLEANER TANK		24	120		1 - 1	Gilbert + Jones	400.0	~~130~~ 11	
	NONE		~~48~~ 50	~~5880~~ 6000	180	ANODEX NP2	~~MACDERMID INC~~	LBS	LBS	
N O	EP-1 TANK		~~24~~ 12	60		1 - 1	Hubbard Hall	63.0	25	
	NONE		~~48~~ 50	~~5880~~ 3000	110	SULFURIC ACID 43% WT	~~KREVITT CHEMICAL~~	LBS	LBS	
						1 - 2	Rhone Poulenc Gilbert + Jones	66.0	26	
						PHOSPHORIC ACID 45%WT	~~HUBBARD HALL CO~~	LBS	LBS	
						1 - 3				
						STEEL PARTS				
N O	FARREL CLEANER TANK		24	~~60~~ 120		1 - 1	Gilbert + Jones	~~200.0~~ 1400	~~100~~ 21	
	NONE		~~48~~ 50	~~5880~~ 6000	180	ANODEX NP2	~~MACDERMID INC.~~	LBS	LBS	

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

COMPANY NAME: SUPERIOR PLATING CO

(5.) BUILDING: WASTE TREATMENT 5

PROCESS INFORMATION:

DEP REG DEP STK [1]	SOURCE DESCRIPTION VENT I.D. [2]	PRIMARY/SECONDARY CONTROL SYSTEM [3]	HR/DAY WKS/YR [4]	HRS/WK HRS/YR [5]	TEMP (°F) [6]	DEP PROCESS - MATERIAL NUMBER INPUT MATERIAL [7]	SUPPLIER [8]	DAILY USAGE PEAK /UNITS [9]	DAILY USAGE ACTUAL /UNITS [10]	REGULATION SECTION [11]
N 0	WASTE TREATMENT FIBERGLASS TKS		~~2~~ 10	~~10~~ 50		1 - 1				
	1 WT		~~49~~ 50	~~490~~ 2500	RT	CHROMIC ACID	ATOTECH	32.0 LBS	~~8~~ 2 LBS	
						1 - 2 SODIUM CARBONATE	Gilbert + Jones ~~GENERAL CHEMICAL~~	125.0 LBS	~~10~~ 27 LBS	
						1 - 3 MACDERMID ANODEX NP2	Gilbert + Jones ~~MACDERMID INC~~	~~600.0~~ 400 LBS	~~14~~ 43 LBS	
						1 - 4 SULFURIC ACID	Hubbard Hall ~~KREVITT CHEMICAL~~	~~49.0~~ 350 LBS	~~12~~ 124 LBS	
N 0	WASTE TREATMENT FIBERGLASS TKS		~~2~~ 10	~~10~~ 50		1 - 1				
	2 WT		~~49~~ 50	~~490~~ 2500	RT	NITRIC ACID	Gilbert + Jones ~~KREVITT~~	~~60.0~~ 75 GAL	~~12~~ 10 GAL	
						1 - 2 SODIUM DITHIONITE	Gilbert + Jones ~~KRAUS CHEMICAL~~	~~10.0~~ 200 LBS	54 LBS	
						1 - 3 SODIUM HYDROXIDE	Gilbert + Jones ~~KREVITT~~	~~38.0~~ 75 LBS	~~9~~ 48 LBS	
						1 - 4 SODIUM METABISULFITE	Gilbert + Jones ~~KRAUS CHEMICAL~~	200.0 LBS	~~21~~ 41 LBS	
						1 - 5 MAGNESIUM OXIDE	GILBERT & JONES	~~100.0~~ 250 LBS	192 LBS	
						1 - 6 CALCIUM CHLORIDE	Gilbert + Jones	~~25.0~~ 200 LBS	60 LBS	
						Ferric Chloride	Gilbert + Jones	5 gals	2 gals.	
						Nalco 7468	Nalco	5 gals.	2 gals.	
						Nalco 7735	Nalco	5 gals.	2 gals.	
						Phosphoric acid				

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

COMPANY NAME: SUPERIOR PLATING CO

(6.) BUILDING: MAIN PLANT 1

TOXIC INFORMATION:

DEP REG / DEP STK [1]	SOURCE DESCRIPTION / VENT I.D. [2]	STACK HGT(FT) [3]	PROP LINE DIST(FT) / EXHAUST GAS FLOW(ACFM) [4]	DEP PROC-MAT-CHEM NO. / CAS NUMBER [5]	CHEMICAL NAME / DEP COMMENT [6]	BATCH TIME (HRS) / 8-HR HLV (UG/M3) [7]	PERCENT CONTROL / METHOD OF DATA [8]	ACTUAL STK CONCENTRAT / UNITS [9]	MAX ALLOWED STACK CONC. (TOP-UG/M3) (BELOW-PPM) [10]	MAX ALLOWED EMISS. RATE (TOP-PPH) (BELOW-TPY) [11]
N 0	EN-1 TANK		65	1 -1 -1	NICKEL SOLUBLE COMPOUNDS					
	29 BLOWER	23	3500	7786-81-4						
N 0	EN-2 TANK		65	1 -1 -1	NICKEL SOLUBLE COMPOUNDS					
	29 BLOWER	23	3500	7786-81-4						
N 0	NS TANK		65	1 -1 -1	NICKEL SOLUBLE COMPOUNDS					
	28 BLOWER	23	3500	7786-81-4						
R 77	P-18 TANK		78	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000101		0.0003344
2	2 BLOWER	39	24000	1333-82-0			STACK TST	LB/HR		
R 73	P-19 TANK		78	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000101		0.0003344
2	2 BLOWER	39	24000	1333-82-0			STACK TST	LB/HR		
N 0	P-20 TANK		78	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000101		0.0003344
2	2 BLOWER	39	24000	1333-82-0			STACK TST	LB/HR		
R 76	P-21 TANK		78	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000101		0.0003344
	2 BLOWER	39	24000	1333-82-0			STACK TST	LB/HR		
R 78	P-23 TANK		78	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000101		0.0003344
2	2 BLOWER	39	24000	1333-82-0			STACK TST	LB/HR		
R 79	P-24 TANK		78	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000101		0.0003344
2	2 BLOWER	39	24000	1333-82-0			STACK TST	LB/HR		
R 91	P-31 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

TOXIC INFORMATION:

COMPANY NAME: SUPERIOR PLATING CO
(6.) BUILDING: MAIN PLANT 2

DEP REG / DEP STK [1]	SOURCE DESCRIPTION / VENT I.D. [2]	STACK HGT(FT) [3]	PROP LINE DIST(FT) / EXHAUST GAS FLOW(ACFM) [4]	DEP PROC-MAT-CHEM NO. / CAS NUMBER [5]	CHEMICAL NAME / DEP COMMENT [6]	BATCH TIME (HRS) / 8-HR HLV (UG/M3) [7]	PERCENT CONTROL / METHOD OF DATA [8]	ACTUAL STK CONCENTRAT / UNITS [9]	MAX ALLOWED STACK CONC. (TOP-UG/M3) (BELOW-PPM) [10]	MAX ALLOWED EMISS. RATE (TOP-PPH) (BELOW-TPY) [11]
R 92	P-32 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 90	P-33 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 89	P-34 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 86	P-37 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 93	P-43 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 87	P-44 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 85	P-45 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 84	P-46 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 82	P-55 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
R 81	P-56 TANK		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
3	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

COMPANY NAME: SUPERIOR PLATING CO

(6.) BUILDING: MAIN PLANT 3

TOXIC INFORMATION:

DEP REG / DEP STK [1]	SOURCE DESCRIPTION / VENT I.D. [2]	STACK HGT(FT) [3]	PROP LINE DIST(FT) / EXHAUST GAS FLOW(ACFM) [4]	DEP PROC-MAT-CHEM NO. / CAS NUMBER [5]	CHEMICAL NAME / DEP COMMENT [6]	BATCH TIME (HRS) / 8-HR HLV (UG/M3) [7]	PERCENT CONTROL / METHOD OF DATA [8]	ACTUAL STK CONCENTRAT / UNITS [9]	MAX ALLOWED STACK CONC. (TOP-UG/M3) (BELOW-PPM) [10]	MAX ALLOWED EMISS. RATE (TOP-PPH) (BELOW-TPY) [11]
N 0	P-60 TANK (WAS P-47)		83	1 -1 -1	CHROMIC ACID & CHROMATES		99.9	0.0000182		0.0004068
	3 BLOWER	39	43200	1333-82-0			STACK TST	LB/HR		
N 0	TRANSFER TANK		12	1 -1 -1	CHROMIC ACID & CHROMATE					
	WT-2	23	1140	1333-82-0		10				
				1 -3 -1	NICKEL SOLUBLE COMPOUNDS					
				7786-81-4						
N 0	TREATMENT TANK		13	1 -1 -1	CHROMIC ACID & CHROMATE					
	WT-1	17	1700	1333-82-0		10				
				1 -2 -1	NICKEL SOLUBLE COMPOUNDS					
				7786-81-4						

(7.) COMPANY NAME: SUPERIOR PLATING CO

CHEMICAL AND MATERIAL LISTING:

1

MATERIAL PURPOSE [1]	TANK I.D.	SUPPLIER STREET [2]	TOWN [3]	ST	ZIP	ANNUAL USAGE /UNITS [4]	INDIVID. TANK CAPACITY /UNITS [5]	NO. OF TANKS [6]	SUBMERGED FILL PIPE [7]	TANK ABOVE OR BELOW GROUND? (A=ABOVE,B=BELOW) [8]
ACETYLENE WELDING & LAB		CT. Compress Gas ~~CT AIRGAS~~ ~~120 OLD SOUTH AVENUE~~	STRATFORD	CT	06497	4704 ~~3024.0~~ CUF	336.0 CUF	_	N	A
ARGON WELDING		1075 Honeyspot Rd. ~~AIR GAS COMPANY~~ CT. Compress Gas ~~120 OLD SOUTH AVENUE~~	STRATFORD	CT	06497	2352 ~~1680.0~~ CUF	336.0 CUF	_	N	A
~~ARMA 245 OIL~~ Mobilarma METAL PROTECTION		1075 Honeyspot Rd. GUARD ALL CHEMICAL CO P.O. BOX 445	SO. NORWALK	CT	06856	110 ~~55.0~~ GAL	55.0 GAL	_	N	A
CALCIUM CHLORIDE WASTE TREATMENT		~~KRAUS CHEMICAL~~ Gilbert + Jones ~~156 VALLEY STREET~~ 34 Ronzo Rd.	Bristol ~~EAST PROVIDENCE~~	CT ~~RI~~	06010 ~~02914~~	15,000 ~~6900.0~~ LBS	50.0 LBS	_	N	A
CHROMIC ACID ELECTROPLATING		ATOTECH P.O. BOX 18253	NEWARK	NJ	07191	46000 ~~49000.0~~ LBS	100 ~~50.0~~ LBS	_	N	A
GLYCOLIC ACID ELECTROLESS PLATING		HUBBARD HALL CHEMICAL CO P.O. BOX ~~790~~ 5693	~~WATERBURY~~ Hartford	CT	06102 ~~06725~~	55.0 GAL	55.0 GAL	_	N	A
HYDROCHLORIC ACID METAL CLEANING		HUBBARD HALL CHEMICAL CO. P.O. BOX ~~790~~ 5693	~~WATERBURY~~ Hartford	CT	06102 ~~06725~~	2365 ~~1260.0~~ GAL	15.0 GAL	_	N	A
MAGNESIUM OXIDE WASTE TREATMENT		GILBERT AND JONES 34 RONZO ROAD	~~BRISTON~~ Bristol	CT	06010	48,000 ~~3200.0~~ LBS	50.0 LBS	_	N	A
NITRIC ACID METAL CLEANING	NITRIC SHP	Gilbert + Jones ~~KREVITT CHEMICAL CO.~~ ~~P.O. BOX 9435~~ 34 Ronzo Rd.	~~NEW HAVEN~~ Bristol	CT	06010 ~~06534~~	2390 ~~1000.0~~ GAL	1000.0 GAL	_	N	A
OXYGEN WELDING		~~AIR GAS COMPANY~~ CT. Compress Gas ~~120 OLD SOUTH AVENUE~~	STRATFORD	CT	06497	11,468 ~~12688.0~~ CUF	244.0 CUF	_	N	A
PHOSPHORIC ACID ELECTROPOLISHING		1075 Honeyspot Rd. HUBBARD HALL CHEMICAL CO. P.O. BOX ~~790~~ 5693	~~WATERBURY~~ Hartford	CT	06102 ~~06725~~	110 ~~180.0~~ GAL	15.0/55 GAL	_	N	A

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

(7.) COMPANY NAME: SUPERIOR PLATING CO

CHEMICAL AND MATERIAL LISTING:

2

MATERIAL / PURPOSE [1]	TANK I.D.	SUPPLIER STREET [2]	TOWN [3]	ST	ZIP	ANNUAL USAGE /UNITS [4]	INDIVID. TANK CAPACITY /UNITS [5]	NO. OF TANKS [6]	SUBMERGED FILL PIPE [7]	TANK ABOVE OR BELOW GROUND? (A=ABOVE,B=BELOW) [8]
PHOSPHORIC PENTOXIDE ELECTROPOLISHING		Rhone Poulene ~~OCCIDENTAL CHEMICAL~~ ~~P.O. BOX 75928~~	~~CHARLOTTE~~	CT ~~NC~~	~~28275~~	11,340 ~~9000.0~~ LBS	60.0 LBS	_	N	A
SODIUM CARBONATE METAL STRIPPING		~~GENERAL CHEMICAL~~ Gilbert + Jones ~~P.O. BOX 360464M~~ 34 Ronzo Rd.	~~PITTSBURGH~~ Bristol	CT ~~PA~~	06010 ~~15251~~	6800 ~~5000.0~~ LBS	100.0 LBS	_	N	A
SODIUM DITHIONITE WASTE TREATMENT		~~KRAUS CHEMICAL~~ Gilbert + Jones ~~156 VALLEY STREET~~ 34 Ronzo Rd	~~EAST PROVIDENCE~~ Bristol	CT ~~RI~~	06010 ~~02914~~	13,500 ~~8600.0~~ LBS	250.0 LBS	_	N	A
SODIUM HYDROXIDE METAL CLEANING/WASTE TREA	SHOP/WASTE	~~KREVITT CHEMICAL CORP~~ Gilbert + Jones ~~P.O. BOX 9433~~ 34 Ronzo Rd.	~~NEW HAVEN~~ Bristol	CT	06010 ~~06534~~	1873 ~~6000.0~~ GAL	2250/800 ~~1000.0~~ GAL	2	N	A
SODIUM METABISULFITE WASTE TREATMENT		~~KRAUS CHEMICAL~~ Gilbert + Jones ~~156 VALLEY STREET~~ 34 Ronzo Rd	~~EAST PROVIDENCE~~ Bristol	CT ~~RI~~	06010 ~~02914~~	10,200 ~~7500.0~~ LBS	~~100.0~~ 50 LBS	_	N	A
SULFURIC ACID CATALYST/ELECTROPOLISHING		Hubbard Hall ~~KREVITT CHEMICAL CORP~~ P.O. BOX ~~9433~~ 5693	~~NEW HAVEN~~ Hartford	CT	06102 ~~06534~~	2015 ~~1200.0~~ GAL	15.0 GAL	_	N	A
TRANSFORMER OIL TRANSFORMER LUBRICANT		INDIAN HEAD LUBRICANTS	BRANFORD	CT		55.0 GAL	55.0 GAL	_	N	A

(8.) COMPANY NAME: SUPERIOR PLATING CO

FUEL BURNING SOURCES:

DATA UPDATED TO: 1995

	SOURCE 1	SOURCE 2
BUILDING	MAIN PLANT	MAIN PLANT
SOURCE DESCRIPTION	40 HP BURNHAM	125 HP JOHNSON BOILER
DEP REGISTRATION/PERMIT NUMBER	N 0	R 66
DATE INSTALLED	01/01/72	01/01/59
DATE SHUT DOWN (DISMANTLED)		
MAX FUEL BURNING DESIGN		252000 CFH
DESIGN CAPACITY (MMBTU/HR)	1.7	5000.
FUEL 1 TYPE	NAT GAS	NAT GAS
SULFUR CONTENT (PERCENT BY WEIGHT)		
MAX BURNER RATING		4200 CFH
ANNUAL USAGE	~~0 CCF~~ 3500 CCF	~~195170 CCF~~ 126,000 CCF (0.91 tons NOx)
FUEL SUPPLIER	SO. CONN. GAS	SO. CONN. GAS
FUEL 2 TYPE		
SULFUR CONTENT (PERCENT BY WEIGHT)		
MAX BURNER RATING		
ANNUAL USAGE		
FUEL SUPPLIER		
FUEL 3 TYPE		
SULFUR CONTENT (PERCENT BY WEIGHT)		
MAX BURNER RATING		
ANNUAL USAGE		
FUEL SUPPLIER		
FUEL TYPE NUMBER - SOLID FUEL PERCENT ASH	-	-
PRIMARY CONTROL SYSTEM		
SECONDARY CONTROL SYSTEM		
OPACITY MANUFACTURER		
OPACITY MODEL		
LAST STACK TEST DATE		

POLLUTANT CONTROL SYSTEM PARAMETERS:

COMPANY NAME: SUPERIOR PLATING CO
(10.) BUILDING: MAIN PLANT 1

VENT I.D. [1]	CONTROL SYSTEM [2]	GAUGE (Y/N) [3]	MAKE / MODEL [4]	TEMPERATURE IN (°F) [5]	TEMPERATURE OUT (°F) [6]	PRESS DROP ("H20) [7]	CYCLE (MIN) / AIRFLOW (ACFM) [8]	AIR/CLOTH RATIO / FABRIC [9]	SCRUBBER LIQUOR / REAGENT FLOW (GPM) [10]	PH [11]	SOURCE DESCRIPTION [12]	DEP REG [13]	DEP STK [14]
2 BLOWER	CYCLONE	Y	METAL & THERMIT				24000				P-18 TANK	R 77	2
											P-19 TANK	R 73	2
											P-20 TANK	N 0	2
											P-21 TANK	R 76	2
											P-23 TANK	R 78	2
											P-24 TANK	R 79	2
	DEMISTOR	Y	METAL & THERMIT								P-18 TANK	R 77	2
											P-19 TANK	R 73	2
											P-20 TANK	N 0	2
											P-21 TANK	R 76	2
											P-23 TANK	R 78	2
											P-24 TANK	R 79	2
20	DEMISTOR	Y	CEILCOTE FIBERGLASS								ZINCATE CYCLE EXHAUST	N 0	
28	DEMISTOR	Y	CEILCOTE FIBERGLASS								NICKEL STRIP & CLEANER TANK	N 0	
29	DEMISTOR		CEILCOTE FIBERGLASS								ELECTROLESS NICKEL PLATING TKS	R 87	

DEP CODE: 00703-001-061-0023 94

DECEMBER 28, 1995

POLLUTANT CONTROL SYSTEM PARAMETERS:

COMPANY NAME: SUPERIOR PLATING CO
(10.) BUILDING: MAIN PLANT 2

VENT I.D. [1]	CONTROL SYSTEM [2]	GAUGE (Y/N) [3]	MAKE MODEL [4]	TEMPERATURE IN (°F) [5]	TEMPERATURE OUT (°F) [6]	PRESS DROP ("H20) [7]	CYCLE (MIN) AIRFLOW (ACFM) [8]	AIR/CLOTH RATIO FABRIC [9]	SCRUBBER LIQUOR REAGENT FLOW (GPM) [10]	PH [11]	SOURCE DESCRIPTION [12]	DEP REG [13]	DEP STK [14]
3 BLOWER	CYCLONE	_	METAL & THERMIT				43200				BARREL STRIP TANK	N 0	
											P-31 TANK	R 91	3
											P-32 TANK	R 92	3
											P-33 TANK	R 90	3
											P-34 TANK	R 89	3
											P-37 TANK	R 86	3
											P-43 TANK	R 93	3
											P-44 TANK	R 87	3
											P-45 TANK	R 85	3
											P-46 TANK	R 84	3
											P-55 TANK	R 82	3
											P-56 TANK	R 81	3
											P-60 TANK	N 0	3
											S-17, STRIP TANK	N 0	
											S-3, STRIP TANK	N 0	3
											S-35, STRIP TANK	N 0	
	DEMISTOR	_	METAL & THERMIT								BARREL STRIP TANK	N 0	
											P-31 TANK	R 91	3
											P-32 TANK	R 92	3
											P-33 TANK	R 90	3
											P-34 TANK	R 89	3
											P-37 TANK	R 86	3
											P-43 TANK	R 93	3
											P-44 TANK	R 87	3

POLLUTANT CONTROL SYSTEM PARAMETERS:

COMPANY NAME: SUPERIOR PLATING CO
(10.) BUILDING: MAIN PLANT 3

VENT I.D. [1]	CONTROL SYSTEM [2]	GAUGE (Y/N) [3]	MAKE / MODEL [4]	TEMPERATURE IN (°F) [5]	TEMPERATURE OUT (°F) [6]	PRESS DROP ("H20) [7]	CYCLE (MIN) / AIRFLOW (ACFM) [8]	AIR/CLOTH RATIO / FABRIC [9]	SCRUBBER LIQUOR / REAGENT FLOW (GPM) [10]	PH [11]	SOURCE DESCRIPTION [12]	DEP REG [13]	DEP STK [14]
(CONTINUED)													
3 BLOWER	DEMISTOR	-	METAL & THERMIT								P-45 TANK	R 85	3
											P-46 TANK	R 84	3
											P-55 TANK	R 82	3
											P-56 TANK	R 81	3
											P-60 TANK	N 0	3
											S-17, STRIP TANK	N 0	
											S-3, STRIP TANK	N 0	3
											S-35, STRIP TANK	N 0	

CHECKLIST FOR CHROMIUM PROTOCOLS/TEST REPORTS

Name of facility: Superior Plating Co.

Type of review: (Test Protocol) Test Report

Date of review: 8/18/97

Person performing review: Roy Crystal

Is additional review required: ☐ YES ☐ NO

A. Protocal and Test report review:

1) Are the facility and units being tested identified? ☑ YES ☐ NO

2) Did the facility meet the initial notification requirements? ☑ YES ☐ NO

3) Did the facility meet the 60-day test notification requirement? ☐ YES ☑ NO

4) Does the test report contain the following documentation?:

a. brief process description ☑ YES ☐ NO

b. sampling location description partial, needs improvement. ☑ YES ☐ NO

(2 tests, one on each of 2 stacks. Figure 4-1 (Sampling Port Locations) unclear - may appl. to both stacks or only one.

c. a description of the sampling and analytical procedures utilized, including any modifications ☑ YES ☐ NO

d. summary of test results ☐ YES ☐ NO

e. quality assurance procedures and results ☐ YES ☐ NO

f. records of operating conditions during the test, preparation of standards, and calibration procedures ☐ YES ☐ NO

g. raw data sheets for field sampling and field and laboratory analyses ☐ YES ☐ NO

h. calculations ☐ YES ☐ NO

i. any other information required by the test method ☐ YES ☐ NO

5) Are the units under test properly categorized under the regulations, and is the correct regulatory standard being applied? ☑ YES ☐ NO

6) (For reports only) - are test results claimed to meet applicable standard(s)? ☐ YES ☐ NO

✪✪ 7) (For reports only) - do test results portrayed demonstrate that the standard has been met? ☐ YES ☐ NO

✪✪ 8) Is Method 306 or 306A utilized? 306 A ☑ YES ☐ NO

9) Is the correct 120-minute sampling time used? ☑ YES ☐ NO

Probably yes - p. 3 says 120 min. but p. 12 says 1 hr.

10) Are all regulated units tested? ☑ YES ☐ NO

11) Are the tests performed with theunits under "normal operating conditions?" ☐ YES ☐ NO ?

unclear - p. 5 says only "every all will be made to maximize process operating conditions d testing

12) Have the number and location of traverse points been correctly established in accordance with (IAW) EPA Method 1? ☐ YES ☐ NO

Square ducts require 25 points, this says 24.

13) Is Method 2 used properly to measure the stack gas velocity and volumetric flow rate, including use of a Type S pitot tube with a known coefficient and both pre- and post-run leak checks? ☐ YES ☐ NO

14) Is stack gas moisture content alculated IAW Method 4? ☐ YES ☐ NO

✪✪ 15) Is the correct sampling train configuration employed, in accordance with Method 5, as modified by Method 306? ☐ YES ☐ NO

B. Monitoring Requirements During Initial Performance Tests

1) **If control is composite mesh pad or packed bed scrubber/composite mesh pad combo:**

Did the source establish the pressure drop across the system as a source site specific operating parameter which corresponds to the emission limit? ☐ YES ☐ NO

Or did the source set the compliant value as the average pressure drop measured over three test runs +/- 1 inch of water column? ☐ YES ☐ NO

What is the pressure drop compliant value: _____