Bay Area Air Quality Management District

939 Ellis Street
San Francisco, CA 94109
(415) 771-6000

Proposed~~Final~~

MAJOR FACILITY REVIEW PERMIT

Issued To:

USS-POSCO Industries
Facility #A2371

Facility Address:
900 Loveridge Road
Pittsburg, CA 94565

Mailing Address:
P. O. Box 471
Pittsburg, CA 94565

Responsible Official	**Facility Contact**
Sal S. Sbranti, Vice President	Dave Allen, Regulations Manager
Operations Environmental & Technology	
925-439-6513	925-439-6290

Type of Facility:	Production of Rolled Steel Product	BAAQMD Contact:
Primary SIC:	3312	Donald P. Van Buren, PE
Product:	Steel coils finished by pickling, cold-rolling, tempering, annealing, tin-plating, and/or galvanizing	

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

~~Signed by Jack P. Broadbent~~ _____ ~~December 1, 2003~~ ___
Jack Broadbent, Executive Officer/Air Pollution Control Officer Date

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I. STANDARD CONDITIONS

A. Administrative Requirements

The permit holder shall comply with all applicable requirements in the following regulations:

BAAQMD Regulation 1 - General Provisions and Definitions
(as amended by the District Board on 5/2/01);
SIP Regulation 1 - General Provisions and Definitions
(as approved by EPA through 6/28/99);
BAAQMD Regulation 2, Rule 1 - Permits, General Requirements
(as amended by the District Board on 8/1/01);
SIP Regulation 2, Rule 1 - Permits, General Requirements
(as approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 2 - Permits, New Source Review
(as amended by the District Board on 5/17/00);
SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration
(as approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking
(as amended by the District Board on 5/17/00);
SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(as approved by EPA through 1/26/99); and
BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review
(as amended by the District Board on 4/16/03).

B. Conditions to Implement Regulation 2, Rule 6, Major Facility Review

1. This Major Facility Review Permit was issued on December 1, 2003, and expires on November 30, 2008. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than May 31, 2008 and no earlier than November 30, 2007. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after** November 30, 2008**.** (Regulation 2-6-307, 404.2, & 409.6; MOP Volume II, Part 3, §4.2)

2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)

3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)

4. This permit may be modified, revoked, reopened and reissued, or terminated for

cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)

5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, or any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit that the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District's Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions or the potential to emit for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)
11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (MOP Volume II, Part 3, §4.11)

C. Requirement to Pay Fees

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulation 2-6-402 & 409.13, Regulation 3; MOP Volume II, Part 3, §4.12)

D. Inspection and Entry

Access to Facility: The permit holder shall provide reasonable access to the facility and equipment that is subject to this permit to the APCO and/or to his or her designee. (Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

E. Records

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)

2. Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of creation of the record. (Regulation 2-6-501, Regulation 3; MOP Volume II, Part 3, §4.7)

F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. The first reporting period for this permit shall be December 1, 2003, to May 31, 2004. The report shall be submitted by June 30, 2004. Subsequent reports shall be for the following periods: June 1st through November 30th and December 1st through May 31st, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent to the following address:

Director of Compliance and Enforcement
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109
Attn: Title V Reports

(Regulation 2-6-502, Regulation 3; MOP Volume II, Part 3, §4.7)

G. Compliance Certification

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification period will be December 1st to November 30th. The certification shall be submitted by December 31st of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. The permit holder may satisfy this requirement through submittal of District-generated Compliance Certification forms. The certification should be directed to the District's Compliance and Enforcement Division at the address above, and a copy of the certification shall be sent to the Environmental Protection Agency at the following address:

Director of the Air Division
USEPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105
Attention: Air-3

(MOP Volume II, Part 3, §4.5 and 4.15)

H. Emergency Provisions

1. The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)
2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. (MOP Volume II, Part 3, §4.8)
3. The granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement. (MOP Volume II, Part 3, §4.8)

I. Severability

In the event that any provision of this permit is invalidated by a court or tribunal of competent jurisdiction, or by the Administrator of the EPA, all remaining portions of the permit shall remain in full force and effect. (Regulation 2-6-409.5; MOP Volume II, Part 3, §4.10)

J. Miscellaneous Conditions

1. The maximum capacity for each source as shown in Table II-A is the maximum allowable capacity. Exceedance of the maximum allowable capacity for any source is a violation of Regulation 2, Rule 1, Section 301. (Regulation 2-1-301)

K. Accidental Release

This facility is subject to 40 CFR Part 68, Chemical Accident Prevention Provisions. The permit holder submitted a risk management plan (RMP) by the date specified in §68.10. The permit holder shall also certify compliance with the requirements of Part 68 as part of the annual compliance certification, as required by Regulation 2, Rule 6. (40 CFR Part 68, Regulation 2, Rule 6)

II. EQUIPMENT

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
43	#1 Continuous Annealing Line - Annealing Furnace, Natural gas only	Surface Combustion	Custom	53 MMbtu/hr
65	#1 Continuous Galvanizing Line - Zinc Coating Pot	Wean Engineering Co.	Custom	30 tph
70	#2 Continuous Galvanizing Line - Annealing Furnace, Natural gas only	Surface Combustion		39.9 MMbtu/hr
72	#2 Continuous Galvanizing Line - Zinc Coating Pot	Blaw-Knox, Reliance Electric	Custom	90 tph
80	#1 Electro-Tinning Line – Pickling Section	Blaw-Knox Equipment Inc.	Custom	50 tph
82	#1 Electro-Tinning Line - Chemical Treatment Section	Blaw-Knox Equipment Inc.	Custom	5k amp-hours/hr, 50 tph
91	#3 Electro-Tinning Line – Pickling Section	Wean Engineering Co.	Custom	50 tph
93	#3 Electro-Tinning Line - Chemical Treatment Section	Wean Engineering Co.	Custom	4k amp-hours/hr, 50 tph
97	Tin Finishing - Tin Anode Casting Pot	Wean Engineering Co.	Unknown	
130	Oil Separation Unit	EIMCO Corp.	Custom	1000 gpm
133	Terminal Water Treatment Plant	U.S. Steel Corp;	Custom	30,000,000 gpd
134	Terminal Water Treatment Plant - Lime Handling	U.S. Steel Corp.	Custom	1 tph
149	Paint Shop Spray Booth (With Filters)	Binks And Dispo Spray Booth, 12000 cfm	Q-114-7M-125	
155	No. 1 Electro-tinning (tin free steel cell)	Aetna Standard; hi-density plating cell		34k amp-hours/hr

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
158	Gasoline Dispensing Island (Service Station G6331)	Custom	Emco/ Wheaton Nozzle, Model A3003 /A3005	1 gasoline nozzle, 10,000 gallon underground storage tank
166	Pickling Line Coil Processor	MDS – 1800 fpm		535 tph
167	Pickling Line Butt Welder	Miebach		535 tph
168	Pickling Line Stretch Leveler	MDS, 820 fpm	Custom	535 tph
169	Acid Pickling Line	MDS, 820 fpm	Custom	535 tph
171	Tandem Cold Mill	Hitachi - 7000 fpm		535 tph
173	HCD Alkaline Cleaner	Mitsubishi - USX Design - 2300 fpm		175 tph
174	KM Continuous Annealing Furnace, Natural gas	Kawasaki Multipurpose; 95.7E6 BTU/HR	Custom	96 MMbtu/hr
176	Roll Etch Machine	Jet Wheelblast	RE12	18 tph
177	Iron Oxide Production Roaster - 40 gpm, Natural gas,	ARUS	Spray Roaster	40 gpm, 27.6 MMbtu/hr
178	Iron Oxide Silo #1	ARUS	Custom	100 tons
179	Iron Oxide Bagging Station	ARUS - Expanding Ring Fill Spout		12 tph
180	Acid Gas Absorber #1	ARUS, 2.5 tph - 18% HCl	Custom	2.5 tph
181	Acid Gas Absorber #2	ARUS, 0.3 tph 18% HCl	Custom	0.3 tph
182	Iron Oxide Silo #2	Arus	Custom	100 tons
190	Cold Cleaner	Inland Technology	IT-32, S/N 19933144	32 gallons
191	Cold Cleaner	Inland Technology	IT-32, S/N 39623161	32 gallons
194	Cold Cleaner	Inland Technology	SXL48, S/N 49830035	48 gallons
195	Cold Cleaner	Inland Technology	IT-32, S/N 39829721	32 gallons

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
196	Cold Cleaner	Inland Technology,	IT-32, S/N 39829724	32 gallons
202	Cold Cleaner	Inland Technology	IT-32	32 gallons
206	Cold Cleaner	System One	500, S/N 5006196	35 gallons
208	Cold Cleaner	System One	500, S/N 050011971 003956	35 gallons
210	Cold Cleaner	Inland Technology	IT-32, S/N 39829722	32 gallons
214	Cold Cleaner	Inland Technology	IT-32, S/N 39829725	32 gallons
215	Cold Cleaner	Inland Technology	IT-32, S/N 39829726	32 gallons
217	Solvent Cleaning Operation	Graymills Liftkleen	T2420	47 gallons
218	Solvent Cold Cleaner	Inland Technology	Model 30	30 gallons
285	Cold Cleaner	Custom Bearing Parts Cleaner	Custom	
286	#1 CRU Evaporator - TFS Operation	Eco-Tec, 75 gph H2O Evaporator	E-75	75 gph
287	#2 Evaporator - ETL Lines	Eco-Tec, 75 gph H2O Evaporator	E-75	75 gph
289	#1 Continuous Galvanize Line-Strip Stenciller	Pannier Rotary Printer	DH1-1616-S	
290	#2 Continuous Galvanize Line-Strip Stenciller	Matthews Jet-A-Mark	Model 1104	
292	KMCAL Horizontal Electrostatic Oiler	Trion	Horizontal EFD	68" Width
293	Emergency Standby Generator-TWTP, diesel fueled	Cummins 400 kW Diesel Eng; 3.9e6 btu/hr	KTA19-C	600 bhp
294	Emergency Standby Generator-KMCAL, diesel fueled	Cummins 125 kW, Diesel Eng.; 1.4e6 btu/hr	6CT-8.3	207 bhp
295	Emergency Generator-Filter Plant, diesel fueled	Detroit Diesel 220 kW Engine; 2.1e6 btu/hr		300 bhp

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
296	Standby Generator - #2 CC Line, diesel fueled	Cummins 350 kW Diesel Eng; 3.5e6 btu/hr	NTTA-855-GS2	535 bhp
297	Emergency Standby Generator-Computer Bldg, diesel fueled	Cummins 150 kW Diesel Eng; 2.5e6 btu/hr	HT85562	355 bhp
299	Diesel Fire Pump Packaged System, 2500 gpm, diesel fueled	John Deere Diesel Engine; 1.5E6 BTU/HR	6068	240 bhp
300	Solvent Cleaner	System One	570	35 gallons
301	Solvent Cleaner	System One	570	35 gallons
302	Solvent Cleaner	System One	570	35 gallons
303	Solvent Cleaner	System One	570	35 gallons
304	Solvent Cleaner	System One	570	35 gallons
305	Solvent Cleaner	System One	570	35 gallons
306	Solvent Cleaner	System One	570	35 gallons
307	Solvent Cleaner	System One	570	35 gallons
308	Solvent Cleaner	System One	570	35 gallons
309	Solvent Cleaner	System One	570	35 gallons
310	Solvent Cleaner	System One	570	35 gallons
311	Solvent Cleaner	System One	570	35 gallons
312	Solvent Cleaner	Zep	9066	45 gallons
400	S400 Contaminated Soils (SWMUs) – "Out"	Contaminated soil in Custom Solid Waste Management Units (landfills)	Not applicable	Approximately 100,000 cubic yards to be removed
401	S401 Contaminated Soils (CAMU) – "In"	Contaminated soil to Custom Corrective Action Management Unit (landfill)	Not applicable	Approximately 100,000 cubic yards to be added

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
21	TWTP-Lime Handling-Dust Collector	S134	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
26	Pickling Line Baghouse	S166, S167, S168	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			BAAQMD Condition #7216, part B. 1	Allowable pressure drop range to be determined	0.670 lb PM10/hr
27	Pickling Line Scrubber	S169 and exempt sources	None	Allowable pressure drop range to be determined	None
28	Pickling Line Mist Eliminator	S169 and exempt sources via A27	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
			BAAQMD Condition #7216, part C. 3	Allowable pressure drop range to be determined	0.506 lb PM10/hr and 30 ppmv HCl
			BAAQMD Condition #7216, part J. 1	Allowable pressure drop range to be determined	Not to exceed 9 tpy HCl facility-wide
29	Tandem Cold Mill Mist Eliminator	S171	Regulation 6-301	Allowable inlet pressure ~~drop~~ range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable inlet pressure ~~drop~~ range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable inlet pressure ~~drop~~ range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			BAAQMD Condition #7216, part D. 4	Allowable inlet pressure ~~drop~~ range to be determined	1.642 lb PM10/hr and 2.42 lb POC/hr
30	HCD Scrubber	S173	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			BAAQMD Condition #7216, part E. 1	Allowable pressure drop range to be determined	0.035 lb PM10/hr

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
32	NOx Catalytic Reduction Unit	S174	BAAQMD Condition #7216, part F. 1	None	100 lb/day NOx from S174 plus S177
			BAAQMD Condition #7216, part F. 4	None	≤ 10 ppmv NOx @ 3% O2 or ≥ 90 % NOx reduction by wt or ≥ 80 % NOx reduction by wt for thin gauge
33	Roll Etch Dust Collector	S176	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			BAAQMD Condition #7216, part H. 1	Allowable pressure drop range to be determined	0.01 gr PM10/dscf
34	Venturi Scrubber	S177 via A36 and A37, S178, S179, and S182 via A35 and A38, S180 via S181	None	Allowable pressure drop range to be determined	None

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
35	Silo #2 Baghouse	S178, S179, S182	None	Allowable pressure drop range to be determined	None
36	Hot Gas Cyclone #1	S177	None	None	None
37	Hot Gas Cyclone #2	S177	None	None	None
38	Silo #1 Baghouse	S178, S179, S182	None	Allowable pressure drop range to be determined	None
39	Venturi Recuperator	S177 via A36, A37	None	None	None
40	Iron Oxide/HCI Plant Demister	S177 via A36 and A37, S178, S179, and S182 via A35 and A38, S180 via S181, all via A34	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			BAAQMD Condition #7216, part G. 5	Allowable pressure drop range to be determined	2 ppmv HCl
			BAAQMD Condition #7216, part G. 10	Allowable pressure drop range to be determined	0.46 lb PM10/hr

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
			BAAQMD Condition #7216, part J. 1	Allowable pressure drop range to be determined	Not to exceed 9 tpy HCl facility-wide
41	ETL Enforcer III Scrubber #1	S82, S155	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			Regulation 11, Rule 8, Section 93102, part (c) (2)	Allowable pressure drop range to be determined	≤ 0.01 mg of hexavalent chromium per dscm
			BAAQMD Condition #7579, part 3	Allowable pressure drop range to be determined	≤ 0.006 mg of hexavalent chromium per amp-hr
42	ETL Enforcer III Scrubber #2	S93	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			Regulation 11, Rule 8, Section 93102, part (c) (2)	Allowable pressure drop range to be determined	≤ 0.01 mg of hexavalent chromium per dscm

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
			BAAQMD Condition #7579, part 3	Allowable pressure drop range to be determined	≤ 0.006 mg of hexavalent chromium per amp-hr
43	#1 CRU Evaporator Mist Eliminator	S286	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			BAAQMD Condition #12194, part 1	Allowable pressure drop range to be determined	≤ 0.87 lb of hexavalent chromium per year from this source and S287
44	#2 CRU Evaporator mist Eliminator	S287	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
			BAAQMD Condition #12194, part 1	Allowable pressure drop range to be determined	≤ 0.87 lb of hexavalent chromium per year from this source and S286
45	Dust Collector	S96, S97	Regulation 6-301	Allowable pressure drop range to be determined	Ringelmann 1 for < 3 minutes/hr

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
			Regulation 6-310	Allowable pressure drop range to be determined	0.15 gr/dscf
			Regulation 6-311	Allowable pressure drop range to be determined	$4.10P^{0.67}$ lb/hr, where P is process weight, ton/hr
46	Oil Mist Precipitator	S292	BAAQMD 8-11-304	Allowable DC milliamps and DC kilovolts ranges to be determined	Abatement to no more than 1.0 lb VOC/gal and abatement device efficiency of at least 90% if VOC of coating > 1.7 lb/gal
			BAAQMD Condition #16682, part 3	Allowable DC milliamps and DC kilovolts ranges to be determined	≤ 0.05 lb VOC/gal of coating applied

III. GENERALLY APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP rules and regulations and other federal requirements cited below. These requirements apply in a general manner to the facility and/or to sources exempt from the requirement to obtain a District Permit to Operate. The District has determined that these requirements will not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Section IV, Source-Specific Applicable Requirements, of this permit.

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full language of SIP requirements is on EPA Region 9's website. The address is included at the end of this permit.

NOTE:

There are differences between the current BAAQMD rules and the versions of the rules in the SIP. All sources must comply with both versions of a rule until US EPA has reviewed and approved the District's revision of the regulation.

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (5/2/01)	N
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y
BAAQMD Regulation 2, Rule 1	General Requirements (8/1/01)	N
BAAQMD 2-1-429	Federal Emissions Statement (6/7/95)	Y
SIP Regulation 2, Rule 1	General Requirements (1/26/99)	Y
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 5	Open Burning (3/6/02)	N
SIP Regulation 5	Open Burning (9/4/98)	Y
BAAQMD Regulation 6	Particulate Matter and Visible Emissions (12/19/90)	Y
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y
BAAQMD Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (6/15/94)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (11/21/01)	N
SIP Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (2/18/98)	Y
BAAQMD Regulation 8, Rule 4	Organic compounds - General Solvent and Surface Coating Operations (10/16/02)	N
SIP Regulation 8, Rule 4	Organic compounds - General Solvent and Surface Coating Operations (12/23/97)	Y
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/95)	N
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/95)	Y
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (7/17/02)	N
SIP Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (2/26/02)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/98)	Y
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	N
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (9/2/81)	Y
California Health and Safety Code Section 44300 et seq.	Air Toxics "Hot Spots" Information and Assessment Act of 1987	N
40 CFR Part 61, Subpart M	National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (6/19/95)	Y
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (2/21/95)	
Subpart F, 40 CFR 82.156	Leak Repair	Y
Subpart F, 40 CFR 82.161	Certification of Technicians	Y
Subpart F, 40 CFR 82.166	Records of Refrigerant	Y

IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP rules and regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s).

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements is on EPA Region 9's website. The address is included at the end of this permit. All other text may be found in the regulations themselves.

Table IV - A
Source-specific Applicable Requirements
S43 - #1 CONTINUOUS ANNEALING LINE - ANNEALING FURNACE
S70 - ANNEALING FURNACE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation		
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
BAAQMD Regulation 9, Rule 1	**Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission Limitation	Y	

IV. Source Specific Applicable Requirements

Table IV - B
Source-specific Applicable Requirements
S65 - #1 CONTINUOUS GALVANIZING LINE - ZINC COATING POT

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 11, Rule 15	**Hazardous Pollutants – Airborne Toxic Control Measure for Emissions of Toxic Metals From Non-Ferrous Metal Melting (4/6/94)** – Adoption of Section 93107, Subchapter 7.5, Chapter 1, Division 3, Title 17 of the California Code of Regulations		
93107(c)(2)	Metal or Alloy Purity Exemption	N	
93107(d)(1)	Application for Exemption from Control Requirements	N	
93107(e)(2)	Recordkeeping for Facilities Seeking Exemption from Control Requirements	N	
BAAQMD Condition #7216			
part I. 1	Throughput limitation (Basis: Cumulative increase)	Y	
part I. 2	Recordkeeping requirement (Basis: Cumulative increase, BAAQMD Regulation 2-6-501)	Y	

Table IV - C
Source-specific Applicable Requirements
S72 - #2 CONTINUOUS GALVANIZING LINE – ZINC COATING POT

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	

IV. Source Specific Applicable Requirements

Table IV - C
Source-specific Applicable Requirements
S72 - #2 CONTINUOUS GALVANIZING LINE – ZINC COATING POT

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 11, Rule 15	**Hazardous Pollutants – Airborne Toxic Control Measure for Emissions of Toxic Metals From Non-Ferrous Metal Melting (4/6/94)** – Adoption of Section 93107, Subchapter 7.5, Chapter 1, Division 3, Title 17 of the California Code of Regulations		
93107(c)(2)	Metal or Alloy Purity Exemption	N	
93107(d)(1)	Application for Exemption from Control Requirements	N	
93107(e)(2)	Recordkeeping for Facilities Seeking Exemption from Control Requirements	N	

Table IV - D
Source-specific Applicable Requirements
S80 - #1 ELECTRO-TINNING LINE – PICKLING SECTION
S91 - #3 ELECTRO-TINNING LINE – PICKLING SECTION

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	

IV. Source Specific Applicable Requirements

Table IV - E
Source-specific Applicable Requirements
S82 - #1 ELECTRO-TINNING LINE – CHEMICAL TREATMENT SECTION
S93 - #3 ELECTRO-TINNING LINE – CHEMICAL TREATMENT SECTION
S155 - NO. 1 ELECTRO-TINNING (TIN FREE STEEL CELL)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 11, Rule 8	**Hazardous Pollutants – Hexavalent Chromium Airborne Toxic Control Measure for Chrome Plating and Chromic Acid Anodizing Operations (11/4/98)** – Adoption of Section 93102, Subchapter 7.5, Chapter 1, Division 3, Title 17 of the California Code of Regulations		
93102(a)	Applicability		
93102(a)(1)	Regulation applies to decorative chromium electroplating	Y	
93102(a)(4)	Breakdown relief possible	Y	
93102(c)	Standards		
93102(c)(2)	Decorative Chrome Electroplating and Chromic Acid Anodizing Facilities, Emission Limits or Use of fume suppressant with wetting agent	Y	
93102(e)	Parameter Monitoring		
93102(e)(1)	Ampere-hour Meters	Y	
93102(e)(2)	Pressure Drop Monitoring for Add-on Control Device	Y	
93102(f)	Inspection and Maintenance Requirements		
93102(f)(1)	Table (f)(1) Summary of Inspection and Maintenance Requirements for Sources Using Add-on Air Pollution Control Devices	Y	
93102(g)	Operation and Maintenance Plan Requirements		
93102(g)(1)	Prepare O&M Plan	Y	
93102(g)(1)(A)	Standardized Checklist	Y	
93102(g)(1)(B)	Maintenance Procedures	Y	
93102(g)(2)	Retain O&M Plan On Site	Y	
93102(g)(3)	Changes to the O&M Plan	Y	

IV. Source Specific Applicable Requirements

Table IV - E
Source-specific Applicable Requirements
S82 - #1 ELECTRO-TINNING LINE – CHEMICAL TREATMENT SECTION
S93 - #3 ELECTRO-TINNING LINE – CHEMICAL TREATMENT SECTION
S155 - NO. 1 ELECTRO-TINNING (TIN FREE STEEL CELL)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
93102(g)(4)	Revisions to Address Breakdowns	Y	
93102(h)	Recordkeeping		
93102(h)(1)	Air Pollution Control Device Inspection Records	Y	
93102(h)(3)	Performance Test Records	Y	
93102(h)(4)	Monitoring Data Records	Y	
93102(h)(5)	Breakdown Records	Y	
93102(h)(6)	Records of Excesses	Y	
93102(h)(11)	Records Retention	Y	
93102(i)	Reporting		
93102(i)(1)	Performance Test Documentation		
93102(i)(3)	Ongoing Compliance Status Reports	Y	
93102(i)(4)	Reports of Breakdowns	Y	
BAAQMD Condition #7579			
part 1	Annual Amp-hr Limitation (Basis: Voluntary)	Y	
part 2	Abatement Requirement (Basis: Regulation 11-8-93102(c)(2))	Y	
part 3	Hexavalent Chromium Emission Limit (Basis: Regulation 11-8-93102(c)(2))	Y	
part 4	Source testing protocol (Basis: Regulation 11-8-93102(d)(4))	Y	
part 5	Record keeping (Basis: Regulation 11-8-93102(h)(4)(A))	Y	
part 6	Source Test Requirement Every Two Years (Basis: Regulation 2-1-304)	Y	

IV. Source Specific Applicable Requirements

Table IV - F
Source-specific Applicable Requirements
S97 – TIN FINISHING – TIN ANODE CASTING POT
S134 - TERMINAL TREATMENT PLANT – LIME HANDLING

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #~~20790~~20780	**Inspection and Maintenance Requirements for Baghouses**		
part 1	Proper Baghouse Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Pressure Drop Monitor (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Visual Baghouse Inspection (Basis: Regulation 2-1-403)	Y	
part 5	Recordkeeping (Basis: Regulation 2-6-501)	Y	

Table IV - G
Source-specific Applicable Requirements
S130 - OIL SEPARATION UNIT AND
S133 - TERMINAL WATER TREATMENT PLANT

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 8	**Organic Compounds – Wastewater (Oil-Water) Separators (6/15/94)**		
8-8-112	Exemption, Wastewater Critical OC Concentration and/or Temperature	Y	
8-8-502	Wastewater sample and test requirements	Y	

IV. Source Specific Applicable Requirements

Table IV - H
Source-specific Applicable Requirements
S149 - PAINT SHOP SPRAY BOOTH

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 19	**Surface Coating of Miscellaneous Metal Parts and Products (10/16/02)**		
8-19-302	Limits		
8-19-302.2	Air-Dried Coatings	Y	
8-19-307	Prohibition of Specification	Y	
8-19-312	Specialty Coating Limitations		
8-19-312.2	High Gloss	Y	
8-19-312.3	Heat Resistant	Y	
8-19-312.4	High Performance Architectural	Y	
8-19-312.5	Metallic Topcoat	Y	
8-19-312.7	Pretreatment Wash Primer	Y	
8-19-312.8	Silicone Release	Y	
8-19-312.9	Solar Absorbant	Y	
8-19-312.12	Extreme Performance	Y	
8-19-312.13	High Temperature	Y	
8-19-313	Spray Applications Equipment Limitations	Y	
8-19-320	Solvent Evaporative Loss Minimization	Y	
8-19-321	Surface Preparation Standards	Y	
8-19-501	Records	Y	
SIP BAAQMD Regulation 8, Rule 19	**Surface Coating of Miscellaneous Metal Parts and Products (12/20/95)**		
8-19-302	Limits		
8-19-302.2	Air-Dried Coatings	Y	
8-19-307	Prohibition of Specification	Y	
8-19-312	Specialty Coating Limitations		
8-19-312.2	High Gloss	Y	
8-19-312.3	Heat Resistant	Y	
8-19-312.4	High Performance Architectural	Y	
8-19-312.5	Metallic Topcoat	Y	

IV. Source Specific Applicable Requirements

Table IV - H
Source-specific Applicable Requirements
S149 - PAINT SHOP SPRAY BOOTH

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-19-312.7	Pretreatment Wash Primer	Y	
8-19-312.8	Silicone Release	Y	
8-19-312.9	Solar Absorbant	Y	
8-19-312.12	Extreme Performance	Y	
8-19-312.13	High Temperature	Y	
8-19-313	Spray Applications Equipment Limitations	Y	
8-19.-320	Solvent Evaporative Loss Minimization	Y	
8-19-501	Records	Y	

Table IV - I
Source-specific Applicable Requirements
S158 - GASOLINE DISPENSING ISLAND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
SIP BAAQMD Regulation 8, Rule 7	**Organic Compounds, Gasoline Dispensing Facilities (11/6/02)**		
8-7-113	Tank Gauging and Inspection Exemption	Y	
8-7-114	Stationary Tank Testing Exemption	Y	
8-7-301	Phase I Requirements		
8-7-301.1	Requirements for Transfers into Stationary Tanks, Cargo Tanks, and Mobile Refuelers	Y	
8-7-301.2	CARB Certification Requirements	Y	
8-7-301.3	Submerged Fill Pipe Requirement	Y	
8-7-301.5	Maintenance and Operating Requirement	Y	
8-7-301.6	Leak-Free and Vapor Tight Requirement for Components	Y	
8-7-301.7	Fitting Requirements for Vapor Return Line	Y	
8-7-301.8	Coaxial Phase I Systems Certified by CARB prior to January 1, 1994 may not be installed on New or Modified Systems	Y	

IV. Source Specific Applicable Requirements

Table IV - I
Source-specific Applicable Requirements
S158 - GASOLINE DISPENSING ISLAND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-7-301.9	Anti-rotational Coupler or Swivel Adapter Required	Y	
8-7-301.10	Vapor Recovery Efficiency Requirements for New and Modified Systems	Y	
8-7-301.11	CARB-certified Spill Box Required	Y	
8-7-301.12	Spill Box Drain Valve Limitation	Y	
8-7-301.13	Annual Vapor Tightness Test Requirement	Y	
8-7-302	Phase II Requirements		
8-7-302.1	Requirements for Transfers into Motor Vehicle Fuel Tanks	Y	
8-7-302.2	Maintenance Requirement	Y	
8-7-302.3	Proper Operation and Free of Defects Requirements	Y	
8-7-302.4	Repair Time Limit for Defective Components	Y	
8-7-302.5	Leak-Free and Vapor Tight Requirement for Components	Y	
8-7-302.6	Requirements for Bellows Nozzles	Y	
8-7-302.7	Requirements for Vapor Recovery Nozzles on Balance Systems	Y	
8-7-302.8	Minimum Liquid Removal Rate	Y	
8-7-302.9	Coaxial Hose Requirement	Y	
8-7-302.10	Construction Materials Specifications	Y	
8-7-302.12	Liquid Retain Limitation	Y	
8-7-302.13	Nozzle Spitting Limitation	Y	
8-7-302.14	Annual Back Pressure Test Requirements for Balance Systems	Y	
8-7-303	Topping Off	Y	
8-7-304	Certification Requirements	Y	
8-7-306	Prohibition of Use	Y	
8-7-307	Posting of Operating Instructions	Y	
8-7-308	Operating Practices	Y	
8-7-309	Contingent Vapor Recovery Requirement	Y	
8-7-316	Pressure Vacuum Valve Requirements, Aboveground Storage Tanks and Vaulted Below Grade Storage Tanks	Y	
8-7-401	Equipment Installation and Modification	Y	
8-7-407	Periodic Testing Requirements	Y	
8-7-408	Periodic Testing Notification and Submission Requirements	Y	
8-7-501	Burden of Proof	Y	
8-7-502	Right of Access	Y	

IV. Source Specific Applicable Requirements

Table IV - I
Source-specific Applicable Requirements
S158 - GASOLINE DISPENSING ISLAND

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-7-503	Record Keeping Requirements	Y	
8-7-503.1	Gasoline Throughput Records	Y	
8-7-503.2	Maintenance Records	Y	
8-7-503.3	Records Retention Time	Y	
BAAQMD Condition #12997	Gasoline Throughput Limit (Basis: Toxic Risk Management Policy)	N	

Table IV - J
Source-specific Applicable Requirements
S166 - PICKLING LINE COIL PROCESSOR
S167 - PICKLING LINE BUTT WELDER
S168 - PICKLING LINE STRETCH LEVELER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7216			
part B. 1	Emission limitations (Basis: Cumulative increase, BACT)	Y	
part B. 2	Proper baghouse maintenance (Basis: RACT)	Y	
part B. 3	Proper particulate capture (Basis: RACT)	Y	
part B. 4	Annual operation limitation (Basis: Cumulative increase)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	

IV. Source Specific Applicable Requirements

Table IV - J
Source-specific Applicable Requirements
S166 - PICKLING LINE COIL PROCESSOR
S167 - PICKLING LINE BUTT WELDER
S168 - PICKLING LINE STRETCH LEVELER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part K. 3	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part K. 4	Record keeping (Basis: Regulation 2-6-501)	Y	
part N.	Hours of operation recordkeeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~2079~~20780	**Inspection and Maintenance Requirements for Baghouses**		
part 1	Proper Baghouse Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Pressure Drop Monitor (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Visual Baghouse Inspection (Basis: Regulation 2-1-403)	Y	
part 5	Recordkeeping (Basis: Regulation 2-6-501)	Y	

Table IV - K
Source-specific Applicable Requirements
S169 - ACID PICKLING LINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7216			

IV. Source Specific Applicable Requirements

Table IV - K
Source-specific Applicable Requirements
S169 - ACID PICKLING LINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part C. 1	Tank cover requirement (Regulation 2-1-403)	Y	
part C. 2	Proper capture (Regulation 2-1-403)	Y	
part C. 3	HCl and PM10 Emission limitations (Basis: Cumulative increase, BACT)	Y	
part C. 4	Annual operation limitation (Basis: Cumulative increase)	Y	
part J. 1	Facility-wide HCl Emission Limitations (Basis: Regulation 2-6-423.2)	Y	
part J. 2	Facility-wide HCl Emission Calculations (Basis: Regulation 2-6-423.2)	Y	
part J. 3	Record keeping (Basis: Regulation 2-6-423.2)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part K. 3	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part K. 4	Record keeping (Basis: Regulation 2-6-501)	Y	
part L. 1	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part L. 2	Record keeping (Basis: Regulation 2-6-501)	Y	
part N	Hours of operation recordkeeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~20791~~20781	**Inspection and Maintenance Requirements for Wet Scrubbers**		
part 1	Proper Scrubber Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Operating Parameters (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Recordkeeping (Basis: Regulation 2-6-501)	Y	

Table IV - L
Source-specific Applicable Requirements
S171 - TANDEM COLD MILL

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	

IV. Source Specific Applicable Requirements

Table IV - L
Source-specific Applicable Requirements
S171 - TANDEM COLD MILL

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 8, Rule 2	**Miscellaneous Operations (6/15/94)**		
8-2-301	Miscellaneous Operations	Y	
BAAQMD Condition #7216			
part D. 1	Rolling oil VOC content limit (Basis: Cumulative increase)	Y	
part D. 2	Rolling oil usage record keeping (Basis: Regulation 2-1-403)	Y	
part D. 3	Annual operation limitation (Basis: Cumulative increase)	Y	
part D. 4	Abatement requirement and POC and PM10 emission limits (Basis: Cumulative increase)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part K. 3	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part K. 4	Record keeping (Basis: Regulation 2-6-501)	Y	
part M. 1	Periodic POC Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part M. 2	Record keeping (Basis: Regulation 2-6-501)	Y	
part N	Hours of operation recordkeeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~20791~~ 21254	**Inspection and Maintenance Requirements for ~~Wet Scrubbers~~ Mist Elimintaor**		
part 1	Proper ~~Scrubber~~ Mist Eliminator Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Operating Parameters (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Recordkeeping (Basis: Regulation 2-6-501)	Y	

IV. Source Specific Applicable Requirements

Table IV - M
Source-specific Applicable Requirements
S173 - HCD ALKALINE CLEANER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7216			
part E. 1	PM10 Emission limitations (Basis: Cumulative increase, BACT)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part K. 3	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part K. 4	Record keeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~20791~~20781	**Inspection and Maintenance Requirements for Wet Scrubbers**		
part 1	Proper Scrubber Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Operating Parameters (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Recordkeeping (Basis: Regulation 2-6-501)	Y	

IV. Source Specific Applicable Requirements

Table IV - N
Source-specific Applicable Requirements
S174 - KM CONTINUOUS ANNEALING FURNACE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation		
6-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
BAAQMD Regulation 9, Rule 1	**Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission Limitation	Y	
BAAQMD Condition #7216			
part F. 1	NOx Emission limitations (Basis: BACT, Cumulative increase)	Y	
part F. 2	CEM requirement (Basis: Regulation 1-521)	Y	
part F. 3	Required use of selective catalytic reduction unit (Basis: BACT, Cumulative increase)	Y	
part F. 4	NOx emission concentration or reduction requirements (Basis: BACT, Cumulative increase)	Y	

Table IV - O
Source-specific Applicable Requirements
S176 - ROLL ETCH MACHINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	

IV. Source Specific Applicable Requirements

Table IV - O
Source-specific Applicable Requirements
S176 - ROLL ETCH MACHINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7216			
part H. 1	Abatement required (Basis: BACT, Cumulative increase)	Y	
part H. 2	PM10 emission limitation (Basis: BACT, Cumulative increase)	Y	
part H. 3	Annual operation limitation (Basis: Cumulative increase)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part N	Hours of operation recordkeeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~2079~~20780	**Inspection and Maintenance Requirements for Baghouses**		
part 1	Proper Baghouse Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Pressure Drop Monitor (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Visual Baghouse Inspection (Basis: Regulation 2-1-403)	Y	
part 5	Recordkeeping (Basis: Regulation 2-6-501)	Y	

Table IV - P
Source-specific Applicable Requirements
S177 - IRON OXIDE PRODUCTION ROASTER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	

IV. Source Specific Applicable Requirements

Table IV - P
Source-specific Applicable Requirements
S177 - Iron Oxide Production Roaster

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 9, Rule 1	**Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission Limitation	Y	
BAAQMD Condition #7216			
part G. 1	NOx emission limitation (Basis: BACT, Cumulative increase)	Y	
part G. 2	CEM requirement Basis: (Regulation 1-521)	Y	
part G. 3	Ammonium chloride injection requirement Basis: (BACT, Cumulative increase)	Y	
part G. 4	Fuel limited to natural gas (Basis: BACT, Cumulative increase)	Y	
part G. 5	HCl emission concentration limitation (Basis: BACT, Cumulative increase)	Y	
part G. 9	Annual operation limitation (Basis: Cumulative increase)	Y	
part G. 10	PM10 emission limitation (Basis: Cumulative increase)	Y	
part J. 1	Facility-wide HCl Emission Limitations (Basis: Regulation 2-6-423.2)	Y	
part J. 2	Facility-wide HCl Emission Calculations (Basis: Regulation 2-6-423.2)	Y	
part J. 3	Record keeping (Basis: Regulation 2-6-423.2)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part K. 3	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part K. 4	Record keeping (Basis: Regulation 2-6-501)	Y	
part L. 1	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part L. 2	Record keeping (Basis: Regulation 2-6-501)	Y	
part N	Hours of operation recordkeeping (Basis: Regulation 2-6-501)	Y	

IV. Source Specific Applicable Requirements

Table IV - P
Source-specific Applicable Requirements
S177 - IRON OXIDE PRODUCTION ROASTER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition #~~20791~~20781	**Inspection and Maintenance Requirements for Wet Scrubbers**		
part 1	Proper Scrubber Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Operating Parameters (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Recordkeeping (Basis: Regulation 2-6-501)	Y	

Table IV - Q
Source-specific Applicable Requirements
S178 - IRON OXIDE SILO #1
S179 - IRON OXIDE BAGGING STATION
S182 - IRON OXIDE SILO #2

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (7/11/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7216			
part G. 5	HCl emission concentration limitation (Basis: BACT, Cumulative increase)	Y	
part G. 6	Abatement requirement (Basis: BACT, Cumulative increase)	Y	
part G. 7	Material handling requirement (Basis: RACT, Cumulative increase)	Y	

IV. Source Specific Applicable Requirements

Table IV - Q
Source-specific Applicable Requirements
S178 - Iron Oxide Silo #1
S179 - Iron Oxide Bagging Station
S182 - Iron Oxide Silo #2

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part G. 8	No visible emission requirement (Basis: Regulation 6-301)	Y	
part G. 9	Annual operation limitation (Basis: Cumulative increase)	Y	
part G. 10	PM10 emission limitation (Basis: Cumulative increase)	Y	
part G. 11	Annual Visible Emission Check (Basis: Regulation 2-6-503)	Y	
part G. 12	Record keeping requirements (Basis: Regulation 2-6-503)	Y	
part J. 1	Facility-wide HCl Emission Limitations (Basis: Regulation 2-6-423.2)	Y	
part J. 2	Facility-wide HCl Emission Calculations (Basis: Regulation 2-6-423.2)	Y	
part J. 3	Record keeping (Basis: Regulation 2-6-423.2)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part K. 3	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part K. 4	Record keeping (Basis: Regulation 2-6-501)	Y	
part L. 1	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part L. 2	Record keeping (Basis: Regulation 2-6-501)	Y	
part N	Hours of operation recordkeeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~20790~~20780	**Inspection and Maintenance Requirements for Baghouses: A35 and A38**		
part 1	Proper Baghouse Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Pressure Drop Monitor (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Visual Baghouse Inspection (Basis: Regulation 2-1-403)	Y	
part 5	Recordkeeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~20791~~20781	**Inspection and Maintenance Requirements for Wet Scrubbers**		
part 1	Proper Scrubber Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Operating Parameters (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Recordkeeping (Basis: Regulation 2-6-501)	Y	

IV. Source Specific Applicable Requirements

Table IV - R
Source-specific Applicable Requirements
S180 - ACID GAS ADSORBER #1
S181 - ACID GAS ADSORBER #2

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #7216			
part G. 5	HCl emission concentration limitation (Basis: BACT, Cumulative increase)	Y	
part G. 9	Annual operation limitation (Basis: Cumulative increase)	Y	
part G. 10	PM10 emission limitation (Basis: Cumulative increase)	Y	
part J. 1	Facility-wide HCl Emission Limitations (Basis: Regulation 2-6-423.2)	Y	
part J. 2	Facility-wide HCl Emission Calculations (Basis: Regulation 2-6-423.2)	Y	
part J. 3	Record keeping (Basis: Regulation 2-6-423.2)	Y	
part K. 1	PM10 source test options (Basis: Regulation 2-1-403)	Y	
part K. 2	Source test methods (Basis: Regulation 2-1-403)	Y	
part K. 3	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part K. 4	Record keeping (Basis: Regulation 2-6-501)	Y	
part L. 1	Periodic Source Test Requirement (Basis: Regulation 2-1-403)	Y	
part L. 2	Record keeping (Basis: Regulation 2-6-501)	Y	
part N	Hours of operation recordkeeping (Basis: Regulation 2-6-501)	Y	
BAAQMD Condition #~~20791~~20781	**Inspection and Maintenance Requirements for Wet Scrubbers**		
part 1	Proper Scrubber Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Operating Parameters (Basis: Regulation 2-1-403)	Y	

IV. Source Specific Applicable Requirements

Table IV - R
Source-specific Applicable Requirements
S180 - ACID GAS ADSORBER #1
S181 - ACID GAS ADSORBER #2

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Recordkeeping (Basis: Regulation 2-6-501)	Y	

Table IV - S
Source-specific Applicable Requirements
S190, S191, S194 THROUGH S196, S202, S206, S208, S210, S214, S215, S218 - COLD CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (10/16/02)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	
8-16-303.1.4(b)	On-site Waste Treatment	Y	
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		

IV. Source Specific Applicable Requirements

Table IV - S
Source-specific Applicable Requirements
S190, S191, S194 THROUGH S196, S202, S206, S208, S210, S214, S215, S218 - COLD CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-303.5	Repair and Maintenance Cleaner Requirements		
8-16-303.5.1	VOC Content Limitation	N	
8-16-303.5.2	VMS solvent allowance	N	
8-16-303.5.3	VOC Content Limitation plus VMS solvent allowance	N	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, monthly records	N	
8-16-501.5	Twenty-four month record retention	Y	
8-16-502	Burden of Proof (to Demonstrate exemption per Regulation 8-16-118)	N	
SIP BAAQMD Regulation 8, Rule 16	**Solvent Cleaning Operations (9/16/98)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	

IV. Source Specific Applicable Requirements

Table IV - S
Source-specific Applicable Requirements
S190, S191, S194 THROUGH S196, S202, S206, S208, S210, S214, S215, S218 - COLD CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-303.1.4(b)	On-site Waste Treatment	Y	
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records	Y	
8-16-501.5	Twenty-four month record retention	Y	
BAAQMD Condition #16920			
part 1	Solvent usage allowance (Basis: Cumulative increase)	Y	
part 2	Optional solvent emission allowance (Basis: Cumulative increase and Toxic Risk Screen)	Y	
part 3	Recordkeeping (Basis: Cumulative increase and Toxic Risk Screen)	Y	

IV. Source Specific Applicable Requirements

Table IV – T
Source-specific Applicable Requirements
S217 - COLD CLEANER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (10/16/02)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	
8-16-303.1.4(b)	On-site Waste Treatment	Y	
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-303.5	Repair and Maintenance Cleaner Requirements		
8-16-303.5.1	VOC Content Limitation	N	
8-16-303.5.2	VMS solvent allowance	N	
8-16-303.5.3	VOC Content Limitation plus VMS solvent allowance	N	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, monthly records	N	

IV. Source Specific Applicable Requirements

Table IV – T
Source-specific Applicable Requirements
S217 - COLD CLEANER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-501.5	Twenty-four month record retention	Y	
8-16-502	Burden of Proof (to Demonstrate exemption per Regulation 8-16-118)	N	
SIP BAAQMD Regulation 8, Rule 16	**Solvent Cleaning Operations (9/16/98)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	
8-16-303.1.4(b)	On-site Waste Treatment	Y	
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records	Y	
8-16-501.5	Twenty-four month record retention	Y	

IV. Source Specific Applicable Requirements

Table IV – T
Source-specific Applicable Requirements
S217 - COLD CLEANER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition #12790			
part 1	Solvent usage allowance (Basis: Cumulative increase and Toxic Risk Screen)	Y	
part 2	Optional solvent emission allowance (Basis: Cumulative increase, Toxic Risk Screen and Regulation 8-16-118.2)	Y	
part 3	Recordkeeping (Basis: Cumulative increase, Toxic Risk Screen and Regulation 1-441, RACT)	Y	

Table IV - U
Source-specific Applicable Requirements
S285 - COLD CLEANER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (10/16/02)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	
8-16-303.1.4(b)	On-site Waste Treatment	Y	

IV. Source Specific Applicable Requirements

Table IV - U
Source-specific Applicable Requirements
S285 - COLD CLEANER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-303.5	Repair and Maintenance Cleaner Requirements		
8-16-303.5.1	VOC Content Limitation	N	
8-16-303.5.2	VMS solvent allowance	N	
8-16-303.5.3	VOC Content Limitation plus VMS solvent allowance	N	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, monthly records	N	
8-16-501.5	Twenty-four month record retention	Y	
8-16-502	Burden of Proof (to Demonstrate exemption per Regulation 8-16-118)	N	
SIP BAAQMD Regulation 8, Rule 16	**Solvent Cleaning Operations (9/16/98)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	

IV. Source Specific Applicable Requirements

Table IV - U
Source-specific Applicable Requirements
S285 - COLD CLEANER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-303.1.4(b)	On-site Waste Treatment	Y	
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records	Y	
8-16-501.5	Twenty-four month record retention	Y	
BAAQMD Condition #6818			
part 1	Solvent usage allowance (Basis: Cumulative increase)	Y	
part 2	Optional solvent emission allowance (Basis: Cumulative increase and Toxic Risk Screen)	Y	
part 3	Recordkeeping (Basis: Cumulative increase and Toxic Risk Screen)	Y	

IV. Source Specific Applicable Requirements

Table IV - V
Source-specific Applicable Requirements
S286 - #1 CRU Evaporator - TFS Operation
S287 - #2 Evaporator - ETL Lines

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #12194			
part 1	Hexavalent chromium emission limitation (Basis: Toxic Risk Screen)	Y	
part 2	Source test requirement every two years (Basis: Regulation 2-1-304)	Y	
part 3	Ongoing Compliance Monitoring (Basis: Toxic Risk Screen)	Y	
part 4	Non-resettable clock requirement (Basis: Toxic Risk Screen)	Y	
part 5	Recordkeeping (Basis: Toxic Risk Screen)	Y	
BAAQMD Condition #~~20791~~20781	**Inspection and Maintenance Requirements for Wet Scrubbers**		
part 1	Proper Scrubber Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 2	Operating Parameters (Basis: Regulation 2-1-403)	Y	
part 3	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 4	Recordkeeping (Basis: Regulation 2-6-501)	Y	

IV. Source Specific Applicable Requirements

Table IV - W
Source-specific Applicable Requirements
S289 - #1 Continuous Galvanize Line-Strip Stenciller

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (10/16/02)**		
8-4-302	Solvents and Surface Coating Requirements		
8-4-302.1	VOC emissions not more than 5 tpy per source	Y	
8-4-501	Coating Records	Y	
SIP Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (12/23/97)**		
8-4-302	Solvents and Surface Coating Requirements		
8-4-302.1	VOC emissions not more than 5 tpy per source	Y	
8-4-501	Coating Records	Y	
BAAQMD Regulation 8, Rule 20	**Organic Compounds – Graphic Arts Printing and and Coating Operations (3/3/99)**		
8-20-110	Exemption, Small User	Y	
8-20-507	Burden of Proof	Y	
BAAQMD Condition #13634			
part 1	Coating usage limitations (Basis: Cumulative increase)	Y	
part 2	Optional POC emission allowance (Basis: Cumulative increase, Risk Management Policy)	Y	
part 3	Recordkeeping (Basis: Cumulative increase, Risk Management Policy)	Y	
part 4	Cumulative increase refund option (Basis: Cumulative increase)	Y	

IV. Source Specific Applicable Requirements

Table IV - X
Source-specific Applicable Requirements
S290 - #2 Continuous Galvanize Line-Strip Stenciller

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (10/16/02)**		
8-4-302	Solvents and Surface Coating Requirements		
8-4-302.1	VOC emissions not more than 5 tpy per source	Y	
8-4-501	Coating Records	Y	
SIP Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (12/23/97)**		
8-4-302	Solvents and Surface Coating Requirements		
8-4-302.1	VOC emissions not more than 5 tpy per source	Y	
8-4-501	Coating Records	Y	
BAAQMD Condition #13634			
part 1	Coating usage limitations (Basis: Cumulative increase)	Y	
part 2	Optional POC emission allowance (Basis: Cumulative increase, Risk Management Policy)	Y	
part 3	Recordkeeping (Basis: Cumulative increase, Risk Management Policy)	Y	
part 4	Cumulative increase refund option (Basis: Cumulative increase)	Y	

Table IV - Y
Source-specific Applicable Requirements
S292 - KMCAL Horizontal Electrostatic Oiler

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 11	**Organic Compounds – Metal Container, Closure and Coil Coating (11/19/97)**		
8-11-303	Coil Coating Limitation	Y	

IV. Source Specific Applicable Requirements

Table IV - Y
Source-specific Applicable Requirements
S292 - KMCAL Horizontal Electrostatic Oiler

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-11-304	Emission Control Device Limitation for Coil Coating	Y	
8-11-501	Coating Records	Y	
BAAQMD Condition #16682			
part 1	Coating usage limitations (Basis: Cumulative increase, toxic risk screen)	**Y**	
part 2	Optional POC emission allowance (Basis: Cumulative increase, toxic risk screen)	**Y**	
part 3	Abatement required and allowed emission rate per gallon (Basis: Cumulative increase)	**Y**	
part 4	Recordkeeping (Basis: Cumulative increase, toxic risk screen)	**Y**	
part 5	Source test requirement every two years (Basis: Cumulative increase, toxic risk screen)	**Y**	
part 6	Proper Oil Mist Precipitator Maintenance/Operation (Basis: Regulation 2-1-403)	Y	
part 7	Normal Oil Mist Precipitator Voltage and Current to Be Determined	Y	
part 8	Monthly Inspection Items (Basis: Regulation 2-1-403)	Y	
part 9	Inspection Recordkeeping (Basis: Regulation 2-6-501)	Y	

Table IV - Z
Source-specific Applicable Requirements
S293 - Emergency Standby Generator-TWTP, diesel fueled
S294 - Emergency Standby Generator-KMCAL, diesel fueled
S295 - Emergency Generator-Filter Plant, diesel fueled
S296 - Standby Generator - #2 CC Line, diesel fueled
S297 - Emergency Standby Generator-Computer Bldg, diesel fueled

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**		

IV. Source Specific Applicable Requirements

Table IV - Z
Source-specific Applicable Requirements

S293 - Emergency Standby Generator-TWTP, diesel fueled
S294 - Emergency Standby Generator-KMCAL, diesel fueled
S295 - Emergency Generator-Filter Plant, diesel fueled
S296 - Standby Generator - #2 CC Line, diesel fueled
S297 - Emergency Standby Generator-Computer Bldg, diesel fueled

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
6-303	Ringelmann No. 2 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants, Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants (8/1/01)**		
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-530	Emergency standby engines, monitoring and recordkeeping	N	
BAAQMD Condition #18544			
Part 1	Allowable hours of operation (Basis: Regulation 9-8-330)	Y	
Part 2	Non-Resettable Counter Requirement (Regulation 9-8-530)	Y	
Part 3	Hours of Operation Recordkeeping Requirement (Regulations 9-8-530)	Y	

IV. Source Specific Applicable Requirements

Table IV – AA
Source-specific Applicable Requirements

S299 - Diesel Fire Pump Packaged System, 2500 gpm, diesel fueled

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**		
6-303	Ringelmann No. 2 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants, Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants (8/1/01)**		
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-530	Emergency standby engines, monitoring and recordkeeping	N	
BAAQMD Condition #19380			
Part 1	Fuel sulfur limit (Basis: BACT)	Y	
Part 2	Allowable hours of operation (Basis: Cumulative increase)	Y	
Part 3	Non-Resettable Counter Requirement (Regulation 9-8-530)	Y	
Part 4	Hours of Operation Recordkeeping Requirement (Regulations 9-8-530)	Y	

IV. Source Specific Applicable Requirements

Table IV – BB
Source-specific Applicable Requirements
S300 THROUGH 312 - SOLVENT CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (10/16/02)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	
8-16-303.1.4(b)	On-site Waste Treatment	Y	
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-303.5	Repair and Maintenance Cleaner Requirements		
8-16-303.5.1	VOC Content Limitation	N	
8-16-303.5.2	VMS solvent allowance	N	
8-16-303.5.3	VOC Content Limitation plus VMS solvent allowance	N	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, monthly records	N	

IV. Source Specific Applicable Requirements

Table IV – BB
Source-specific Applicable Requirements
S300 THROUGH 312 - SOLVENT CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-501.5	Twenty-four month record retention	Y	
8-16-502	Burden of Proof (to Demonstrate exemption per Regulation 8-16-118)	N	
SIP BAAQMD Regulation 8, Rule 16	**Solvent Cleaning Operations (9/16/98)**		
8-16-118	Limited Exemption, Compounds of Low Volatility	Y	
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements	Y	
8-16-303.1.1	Operate and Maintain in Proper Working Order	Y	
8-16-303.1.2	Leak Repair Requirement	Y	
8-16-303.1.3	Solvent Storage or Disposal – Evaporation Prevention	Y	
8-16-303.1.4	Waste Solvent Disposal	Y	
8-16-303.1.4(a)	Covered Containers for Waste Solvent Awaiting Pick-up	Y	
8-16-303.1.4(b)	On-site Waste Treatment	Y	
8-16-303.1.5	Solvent Evaporation Minimization Devices shall not be Removed	Y	
8-16-303.1.6	Solvent Spray Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements		
8-16-303.2.1	Solvent shall be Drained from Cleaned Parts	Y	
8-16-303.2.2	No Solvent Agitation by Air	Y	
8-16-303.2.3	Solvent Cleaning of Porous or Absorbent Materials is Prohibited	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements		
8-16-303.3.1	Container	Y	
8-16-303.3.2	Solvent Evaporation Reduction for Idle Equipment	Y	
8-16-303.3.3	Used Solvent Returned to Container	Y	
8-16-303.3.4	Label Stating Operating Requirements	Y	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records	Y	
8-16-501.5	Twenty-four month record retention	Y	

IV. Source Specific Applicable Requirements

Table IV – BB
Source-specific Applicable Requirements
S300 THROUGH 312 - SOLVENT CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition #20866			
part 1	Solvent usage allowance (Basis: Cumulative increase)	Y	
part 2	Optional solvent emission allowance (Basis: Cumulative increase and Toxic Risk Screen)	Y	
part 3	Recordkeeping (Basis: Cumulative increase and Toxic Risk Screen)	Y	

Table IV - CC
Source-specific Applicable Requirements
S400 - Contaminated Soils (SWMUs) – "Out"
S401 - Contaminated Soils (CAMU) – "In"

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particulates	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Condition #20038			
Part 1	Follow corrective action plan (Basis: CEQA)	Y	
Part 2	No visible emissions (Basis: BACT, Regulation 1-301)	Y	
Part 3	Cover trucks or maintain minimum freeboard and/or water top layer (Basis: BACT)	Y	
Part 4	Recordkeeping requirements (Basis: Cumulative increase)	Y	

V. SCHEDULE OF COMPLIANCE

The permit holder shall comply with all applicable requirements cited in this permit. The permit holder shall also comply with applicable requirements that become effective during the term of this permit on a timely basis.

VI. PERMIT CONDITIONS

Any condition that is preceded by an asterisk is not federally enforceable.

Condition # 840

For S159 & S160 - FRESH HCL TANKS:

*1 This tank shall be vented to scrubber A27.
(basis: voluntary limit)

Condition # 6818

For S285 - Cold Cleaner (Custom, Bearing Parts Cleaner):

1. The net amount of "Safety-Kleen 105" and/or "Safety-Kleen Premium" used at S285, Cold Cleaner, shall not exceed 200 gallons in any consecutive twelve-month period.
(Basis: cumulative increase, toxic risk screen)

2. Solvents other than the materials specified in part #1 may be used at S285, provided that the owner/operator can demonstrate that all of the following are satisfied:

a. Total VOC emissions from S285 do not exceed 1,340 pounds in any consecutive twelve month period; and

b. The use of these materials do not increase toxic emissions above any risk screening trigger level; and

c. All solvents used shall meet the definition of a "Compound with Low Volatility" in Regulation 8, Rule 16.

(Basis: cumulative increase, toxic risk screen, Regulation 8-16-118.2)

3. In order to demonstrate compliance with the above parts, the following records shall be maintained on a District approved log. Entries shall be made to the records whenever solvent is added or removed from the source. These records shall be kept on site, summarized on a quarterly basis, and made available for District inspection for a period of 60 months from the date on which a record is made.

a. Type and monthly usage of all VOC containing materials used;

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b. If a material other than that specified in part #1 is used, VOC and toxic component contents of each material used; and mass emission calculations to demonstrate compliance with part #2, on a monthly basis;

c. Monthly usage and/or emission calculations shall be totaled for each consecutive twelve-month period;

d. Quantities of each type of solvent recovered for disposal or recycling

e. Net usage of each type of solvent
(Basis: toxic risk screen, cumulative increase, reasonably available control technology)

Condition # 7216
For S65 - ZINC COATING POT
S166 - PICKLING LINE COIL PROCESSOR
S167 - PICKLING LINE BUTT WELDER
S168 - PICKLING LINE STRETCH LEVELER
S169 - ACID PICKLING LINE
S171 - TANDEM COLD MILL
S173 - HCD ALKALINE CLEANER
S174 - KM CONTINUOUS ANNEALING FURNACE
S176 - ROLL ETCH MACHINE
S177 - IRON OXIDE PRODUCTION ROASTER
S178 - IRON OXIDE SILO #1
S179 - IRON OXIDE BAGGING STATION
S180 - ACID GAS ABSORBER #1
S181 - ACID GAS ABSORBER #2:
S182 - IRON OXIDE SILO #2:

(Amended 7/95, AN 14797; 11/96, AN 16832; 5/97, AN 16977; 2/99, AN 19031; 5/02, AN 32; 2/03, AN 6628)

A. Conditions on the entire modernization project and ship and train activity are:

*1. UPI's future cargo emissions shall not exceed the maximum annual mass emissions baseline set forth below. As used herein, "cargo emissions" shall be the emissions resulting from: (1) truck, rail or ship deliveries of steel coil to the UPI facility, (2) truck, rail or ship shipments of finished steel product and scrap steel from the UPI facility, and (3) truck or rail movements of steel coil, finished products, or scrap steel within the UPI facility. "Cargo emissions" shall not include emissions resulting from the transportation of steel coil, finished products, or scrap material to, from or within existing public ports which are not contiguous to the UPI facility, including, but not limited to, the Port of Richmond or the Port of Oakland. (amended 5/97, AN 16977; 2/99, AN 19031; 5/02, AN 32)

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	Annual Tons per year
Particulate Matter	3.427
NOx	100.334
SO2	8.433
Organic Compounds	6.069
CO	12.942

(Basis: Cumulative increase, CEQA)

*2. The determination of cargo emissions specified in part A. 1 above shall be based on monthly reports submitted by UPI to the District detailing cargo emissions and other information in the format attached as Appendix A, or in such other format as the District may require or approve. Such reports shall be submitted to the Director of Compliance and Enforcement within 30 days after the end of the calendar month that the report relates. UPI shall maintain the records used to prepare such monthly reports for a period of five consecutive calendar years following the calendar year that each such monthly report was prepared, and shall be made available for inspection by the District upon request. (Appendix A revised 5/02, AN 32)
(Basis: Cumulative increase, CEQA)

*3. The monthly report shall include a running total of the cargo emissions for the current calendar year. If, at the end of any calendar month, the total cargo emissions accumulated to date in that calendar year exceed the annual mass emissions baseline (set forth in part A. 1 above) prorated to the number of months elapsed to date for that year, UPI shall inform the District in writing within 30 days of the end of that calendar month as to what steps or measures will be taken to ensure that the annual mass emissions baseline is not exceeded. (amended 5/97, AN 16977)
(Basis: Cumulative increase, CEQA)

*4a. Calculations of mass cargo emission shall be based on:
(1) the emission factors set forth for ship, tugs and specific locomotive engine types in Appendix A; (2) District approved locomotive fuel usage factors; and (3) the truck emission factors in part A. 4c. In the event UPI wishes to use a locomotive engine type for deliveries to and shipments from the UPI facility for which no emission factors are listed on Appendix A, UPI shall obtain prior District approval of the emissions factors to be used with respect to such locomotive engine type. In the event new emission factors are determined by the District, the CARB, or the EPA for locomotive engine types used for deliveries to and from the UPI facility, UPI shall obtain prior District approval to use such new emission factors for purposes of calculating annual mass cargo emissions.

Current District-approved line-haul locomotive fuel usage factors are listed below. These factors supersede the factors in Appendix A. Unless a specific factor is listed below, the Appendix A factors are still valid.

Union Pacific	1.37 gal/KGTM
BNSF	1.45 gal/KGTM

VI. Permit Conditions

In lieu of using the calculation method in Appendix A for the Unit Train, UPI may use the emissions factors in part A. 4b. (amended 5/97, AN 16977)
(Basis: Cumulative increase, CEQA)

*4b. Calculations of mass cargo emissions from the Unit Train shall be based on the emission factors listed below. These factors, in the units of pounds of emission/ton steel shipped, are based on the parameters listed below, and the line haul engine emission factors listed in Appendix A. If UPI uses these factors, then UPI must keep monthly records of the tonnage of steel hauled by the Unit Train. These records shall be summarized in the monthly report. These records shall be retained on site for five years from the date of entry, and shall be made available to the District upon request.

If a change occurs to one or more of the parameters that were used to derive the emission factors (such as haul distance, railcar tare weight, etc.), and that change results in higher emission factors, UPI shall notify the District in writing and shall use the higher emissions factors effective from the date the change occurred. If a change results in lower emission factors, UPI may petition the District, in writing, for permission to use the lower factors. UPI may not use any lower emission factor, unless authorized to do so by the District, in writing.
(added 5/97, AN 16977; amended 5/02, AN 32)

Unit Train Parameters:
1-way haul distance 39.7 miles
Empty railcar weight 34 tons
Loaded railcar weight 134 tons
Railcars per train 50
UP fuel usage factor 1.37 gal/KGTM
Unit Train Emission Factors
(lb emissions/ton of steel hauled):

NOx	0.0490
CO	0.0048
POC	0.0018
PM10	0.0012
SO2	0.0065

(Basis: Cumulative increase, CEQA)

*4c. Calculations of mass cargo emissions from hauling raw steel, product or scrap by truck shall be calculated by multiplying vehicle mileage and the "lb/mile" emission factors listed below. [The emission factors are the average ARB 2002 heavy-heavy duty truck (> 33,000 lb) emission factors for the San Francisco air basin.] UPI shall summarize truck mileage and cargo carrier emissions in their monthly report.
(added 5/97, AN 16977; amended 5/02, AN 32)

Pollutant	(lb/mile)
NOx	0.0345
CO	0.0059

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POC	0.0014
PM10	0.0009
SO2	0.0004

(Basis: Cumulative increase, CEQA)

5. UPI shall not be exempt from the application of any future amendment to the District's Rules and Regulations.
(Basis: Regulation 1-103)

*6. Only steel coil shall be delivered by 37,000 dead weight ton (DWT) or less ships and offloaded at the UPI dock.
(Basis: Cumulative increase, CEQA)

*7. The steel coil shall only be delivered by ocean going bulk cargo ships of 37,000 DWT or less.
(Basis: Cumulative increase, CEQA)

8a. The total number of SCR plus non-SCR-equipped ship deliveries to UPI shall not exceed 50 in any consecutive 365 day period.

*8b. The total number of non-SCR-equipped ship deliveries shall not exceed 25 in any consecutive 365-day period. (amended AN 32, 5/02)
(Basis: Cumulative increase, CEQA)

9. In no event shall the limits set forth in part A. 8 result in a total combined annual throughput of unfinished steel coil in excess of 2,200,000 tons at UPI. (amended AN 16832, 11/96; AN 32, 5/02)
(Basis: Cumulative increase, CEQA)

*10. While a SCR-equipped ship is transiting in District boundary waters the following shall occur:

a. The main engine exhaust shall be abated by a selective catalytic reduction (SCR) system.
b. Only fuel oil with a sulfur content not to exceed 0.05% sulfur by weight shall be burned.
(amended AN 32, 5/02)

(Basis: Cumulative increase, CEQA)

*11. For SCR-equipped ships, the main engine exhaust shall be equipped with a NOx continuous emission monitor (CEM) and recording device. The CEM system shall be used to determine and record the daily NOx emission from the ship main engine during a ship transit in District boundary water. (amended AN 32, 5/02)
(Basis: Cumulative increase, CEQA)

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*12. For SCR-equipped ships, in no event shall ammonia emissions to the atmosphere exceed 50 ppmv, averaged over a two hour period. (amended AN 32, 5/02)
(Basis: Cumulative increase)

*13. For SCR-equipped ships, each ship shall use on-shore electrical power when hoteling at the UPI facility. The main propulsion engine, generators and boiler shall shutdown during hoteling at the UPI facility. (amended AN 32, 5/02)
(Basis: Cumulative increase, CEQA)

14. UPI shall maintain daily records, in a District approved log, for the following:

a. Date and time of a shipping docking at the UPI terminal.
*b. Fuel usage for each ship transit through District boundary water. Fuel usage shall be automatically recorded on a District approved continuous fuel recording system.
*c. Delivery receipts for the type of fuel burned.
*d. Hours of ship operation in District boundary water.
*e. Loading capacity of ship in DWT.
f. Tonnage of steel coil delivered to UPI by ship.
*g. Date and time of a ship departure from the UPI terminal.

(Basis: Cumulative increase, CEQA)

15. All records shall be retained on the ship until docking at UPI at which time they shall retained at UPI for at least five years from date of recording. These records shall be kept on site at UPI and made available to District staff upon request.
(Basis: Cumulative increase, CEQA)

*16. The procedures and methodology to be used in calculating transportation emissions set forth in Appendix A that is attached hereto are incorporated as part of the Permit to Operate.
(Basis: Cumulative increase, CEQA)

B. Conditions for S166, S167 and S168

1. When in operation these sources shall be vented at all times to A26 Baghouse. PM10 emissions from A26 shall not exceed 0.670 lb/hr.
(amended AN 32, 5/02)
(Basis: Cumulative increase, BACT)

2. The Baghouse, A26 shall be properly maintained and kept in good operating condition at all times. A differential pressure indicator shall be installed at the baghouse to indicate the differential pressure across the baghouse.
(Basis: RACT)

3. The exhaust systems must be maintained at sufficient negative pressure to capture the particulate emissions generated at this source.
(Basis: RACT)

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4. The hours of operation of these sources shall not exceed 8640 hours per calendar year. (amended 11/96, AN 16832)
(Basis: Cumulative increase)

C. Conditions for S169 and S170

1. In no event shall the tanks be uncovered when pickle liquor is present in the tanks, except when necessary for ordinary maintenance and product quality control.
(Basis: BACT, Cumulative increase)

2. The exhaust for this source area must be maintained at sufficient negative pressure to capture all fugitive HCL fumes at all times.
(Basis: BACT, Cumulative increase)

3. When in operation this source shall be vented to A27 Pickling Line Packed Bed Scrubber utilizing caustic solution. The emissions of HCL emitted to the atmosphere from the scrubber shall not exceed 30 ppmv. PM10 emissions from A27 shall not exceed 0.506 lb/hr.
(amended AN 32, 5/02)
(Basis: BACT, Cumulative increase)

4. The hours of operation of these sources shall not exceed 8640 hours per calendar year. (amended 11/96, AN 16832)
(Basis: Cumulative increase)

D. Conditions for S171

1. No rolling oil shall be used which contains more than 0.3% by weight of precursor organic compounds.
(Basis: Cumulative increase)

2. The applicant shall maintain records of the supplier, composition, and quantities of the rolling oil used at the tandem cold mill. These records shall be available for inspection by District personnel.
(Basis: Cumulative increase)

3. The hours of operation of S171 shall not exceed 8640 hours per calendar year. (amended 11/96, AN 16832)
(Basis: Cumulative increase)

4. When in operation, S171 shall be vented at all times to A29, Tandem Cold Mill Mist Eliminator. PM10 emissions from A29 shall not exceed 1.642 lb/hr. POC emissions from A29 shall not exceed 2.42 lb/hr, as measured by a District-approved source test.
(amended AN 32, 5/02)
(Basis: Cumulative increase)

E. Conditions for S173

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1. At all times the exhaust from this source area must be maintained at sufficient negative pressure for A30, HCD Scrubber, to capture the fumes and particulate emissions generated at this source. PM10 emissions from A30 shall not exceed 0.035 lb/hr. (amended AN 32, 5/02)
(Basis: BACT, Cumulative increase)

F. Conditions for S174

1. In no event shall the combined daily emissions from S174 and S177 exceed 100 lbs/day of nitrogen oxides (measured as NO2).
(Basis: BACT, Cumulative increase)

2. For the purpose of demonstrating compliance with part F. 4 a, b, and c for S174, UPI shall install, calibrate and operate District approved continuous in-stack emission monitors and recorders for oxides of nitrogen, and either oxygen or carbon dioxide. Daily emissions shall be reported to the District on a monthly basis, the format of which shall be subject to approval by the APCO.
(Basis: Regulation 1-521)

3. The Selective Catalytic Reduction Unit (SCR) shall be operated during all periods of the annealing furnace operation, with the exception of during a cold startup of the annealing furnace, which is not to exceed 3 hours, and during furnace idling. A cold startup includes periods when the SCR temperature is less than 375 F. Furnace idling includes periods when natural gas is being fired but at a rate of less than 17 scfm (approximately 1 thousand scfh).
(Basis: BACT, Cumulative increase)

4. Excluding periods of cold startup and furnace idling, NOx emissions in the exhaust from this source shall meet one of the following:

a. Not exceed 10 ppmv at 3% oxygen, averaged over 3 consecutive hours;
b. Be reduced by at least a 90%, by weight, averaged over 3 consecutive hours, by the A32 Selective Catalytic Reduction (SCR) Unit; or
c. For a period when UPI is running a thin gauge coil (<0.0300 inch), NOx shall be reduced by at least 80%, by weight, averaged over three consecutive hours, by the A32 Selective Catalytic Reduction (SCR) Unit. If the duration of the thin gauge run is less than three hours, the averaging period shall be the entire run period.

(Basis: BACT, Cumulative increase)

G. Conditions for the Iron Oxide/HCL Regeneration Facility, S177, S180, S181, S178, S182 and S179.

1. In no event shall the combined daily emissions from S174 and S177 exceed 100 lbs/day NOx (measured as NO2).
(Basis: BACT, Cumulative increase)

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2. For this operation (S177 exhaust), UPI shall install, calibrate and operate District approved continuous in-stack emission monitors and recorders for oxides of nitrogen, and either oxygen or carbon dioxide. Daily emissions shall be reported to the District on a monthly basis, the format of which shall be subject to approval by the APCO.
(Basis: Regulation 1-521)

3. The ammonium chloride injection system shall be properly maintained and kept in good operating condition at all times. The ammonium chloride injection system shall be in full use during all periods of the roaster operation, with the exception of during a cold startup of the roaster. The ammonium chloride injection rate shall be automatically activated and controlled at all times during the roaster operation.
(Basis: BACT, Cumulative increase)

4. The roaster shall be fired on natural gas only.
(Basis: BACT, Cumulative increase)

5. The HCL emissions from A40, Iron Oxide/HCl Plant Demister, shall not exceed 2 ppmv.
(Basis: TRMP)

6. The silos S178 and S182 shall be controlled at all times by A38 Baghouse or A35 Baghouse. The A38 Baghouse and A35 Baghouse shall each be controlled at all times by the A34 Venturi Scrubber.
(Basis: BACT, Cumulative increase)

7. The iron oxide shall be pneumatically conveyed for storage in an entirely enclosed system.
(Basis: RACT, Cumulative increase)

8. There shall be no visible emissions from the iron oxide bagging operation.
(Basis: BACT)

9. The hours of operation of each of these sources (S177, S178, S179, S180, S181, and S182) shall not exceed 8640 hours per calendar year. (amended 11/96, AN 16832)
(Basis: Cumulative increase)

10. PM10 emissions from A40, Iron Oxide/HCl Plant Demister, shall not exceed 0.46 lb/hr. (amended AN 32, 5/02; AN 6628, 2/03)
(Basis: BACT, Cumulative increase)

11. The iron oxide bagging operation shall be checked for visible emissions once every calendar year. If any visible emissions are detected by an untrained observer, the operator shall take corrective action to eliminate any visible emissions, and check for visible emissions again with an untrained observer. If visible emissions cannot be eliminated, the operator shall perform a certified visible emissions evaluation in accordance with BAAQMD 6-601 to determine compliance with part G. 8 of this condition and with Regulation 6-301. Any non-compliance shall be reported in accordance with Standard Condition I.F of the Title V permit. All visible emissions observations (both certified and uncertified) shall take place while the equipment is

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operating and during daylight hours. If no visible emissions are detected, the operator shall continue to check for visible emissions every year. If the equipment has not operated during a calendar year, no inspection is required. (basis: Regulation 2-6-503)

12. The operator shall keep records of all visible emissions checks and the person performing the check. The records shall be retained for five years and shall be made available to District personnel upon request. (basis: Regulation 2-6-501)

H. Conditions for Source 176

1. S176 shall be vented to A33 Roll Etch Dust Collector during all periods of operation.
(Basis: BACT, Cumulative increase)

2. The emissions of PM10 from S176 shall not exceed 0.01 grains/dscf.
(Basis: BACT, Cumulative increase)

3. The hours of operation of S176 shall not exceed 8640 hours per calendar year. (amended 11/96, AN 16832; 5/02, AN 32)
(Basis: Cumulative increase)

I. Conditions for Source 65 (added 5/02, AN 32)

1. The total steel throughput for S65 shall not exceed 218,776 tons in any consecutive 12-month period. (added 5/02, AN 32)
(Basis: Cumulative increase)

2. The owner/operator of S65 shall maintain records of daily steel throughput summarized on a monthly basis in a District-approved log. These records shall be retained on site for a minimum of five years from the date of entry and made available to District personnel upon request. (basis: cumulative increase, BAAQMD Regulation 2-6-501)

J. Facility-wide HCl Emission Limits

1. Emissions of HCl from all permitted and exempt sources combined on a facility-wide basis shall be no greater than 9.0 tons during any consecutive twelve-month period. (basis: Regulation 2-6-423.2)

2. Emissions of HCl shall be calculated on a monthly basis as follows:

a. HCl emissions from A27 Pickling Line Packed Bed Scrubber, which abates S169 and S170 plus acid regeneration storage tanks and recirculation tanks, shall be calculated using the HCl concentration results from the latest source test required by Part L below, monthly hours of operation and either actual air flow measurement or maximum air flow capacity.
b. HCl emissions from A34, Caustic Venturi Scrubber, in series with A40, Iron Oxide/HCl Plant Demister, which together abate S177, S178, S179, S180, S181, and

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S182, shall be calculated using the HCl concentration results from the latest source test required by Part L below, monthly hours of operation and either actual air flow measurement or maximum air flow capacity.
c. HCl emissions from other HCl storage tanks shall be calculated by assuming that each HCl tank loading event displaces an equivalent volume of air saturated with HCl at the average storage tank temperature.
(basis: Regulation 2-6-423.2)

3. The owner/operator shall total the emissions of HCl on both a monthly and consecutive twelve-month period basis.
(basis: Regulation 2-6-423.2)

K. PM10 Source Testing

1. Source testing options to demonstrate compliance with the PM10 concentration and mass emission rate limits in the above parts of this condition are listed below. The purpose of this condition is to provide an option for a less costly modified Filterable Particulate (FP) test to demonstrate compliance with the PM10 limits. (basis: Regulation 2-6-503)

a. Conduct a PM10 source test (including condensable particulate (CP)).

b. Conduct a FP source test plus a CP source test incorporated into the FP source test train. If results exceed the PM10 limit, conduct a PM10 source test (including condensable).

The test results shall be delivered to the District no later than 30 days from the date of sampling.

2. Particulate matter emissions will be determined by a. or b. below: (basis: Regulation 2-6-503)

a. Emissions of PM10 will be determined by using the following:

1). Emissions of PM10 including CP will be determined in accordance with California Air Resources Board (CARB) Method 501 or

2). Emissions of PM10 including CP will be determined in accordance with California Air Resources Board (CARB) Method 501 plus CARB Method 5 (including CP) or

3). Emissions of PM10 will be determined in accordance with EPA Method 201/201A plus EPA Method 202. The EPA Method 202 sample train shall be incorporated into the Method 201/201A sample train.

b. Emissions of FP plus CP emissions will be determined by using:

1). Emissions of FP plus CP will be determined in accordance with CARB Method 5 (including CP) or

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2). Emissions of FP plus CP will be determined in accordance with either EPA Method 5 or BAAQMD ST-15 plus EPA Method 202. The EPA Method 202 sample train shall be incorporated into the EPA Method 5 or BAAQMD ST-15 sample train, as appropriate.

3. In order to demonstrate compliance with each PM10 concentration and mass emission rate limits in the above parts B through E and G of this condition, the owner/operator shall perform District approved source tests:

a. in calendar year 2004.

b. in every fifth calendar year thereafter.

The owner/operator shall notify the Manager of the District's Source Test Section at least seven (7) days prior to the test, to provide the District staff the option of observing the testing. (basis: Regulation 2-6-503)

4. To demonstrate compliance with Part K. 3, the owner/operator shall maintain the following records in a District approved log: (basis: Regulation 2-6-501)

a. All source test results for FP, CP and PM10 emissions.

These records shall be kept on site for a minimum of 5 years from the date of entry and shall be made available to District personnel upon request. (basis: Regulation 2-6-501)

L. HCl Source Testing

1. In order to demonstrate compliance with each HCl concentration and mass emission rate limit in the above parts C, G and J of this condition, the owner/operator shall perform District approved source tests:

a. in calendar year 2004.
b. every calendar year thereafter for Part C
and
not less than every 2 ½ years thereafter for Part G.
Note: These source tests shall be used to demonstrate compliance with the mass emission rate limit in Part J.

The owner/operator shall notify the Manager of the District's Source Test Section at least seven (7) days prior to the test, to provide the District staff the option of observing the testing. (basis: Regulation 2-6-503)

2. To demonstrate compliance with Part L. 1, the owner/operator shall maintain the following records in a District approved log: (basis: Regulation 2-6-501)

a. All source test results for HCl concentration and emissions.

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These records shall be kept on site for a minimum of 5 years from the date of entry and shall be made available to District personnel upon request. (basis: Regulation 2-6-501)

M. POC Source Testing

1. In order to demonstrate compliance with the POC mass emission rate limit in the above part D of this condition, the owner/operator shall perform a District approved source test:

a. in calendar year 2004.

b. in every fifth calendar year thereafter.

The owner/operator shall notify the Manager of the District's Source Test Section at least seven (7) days prior to the test, to provide the District staff the option of observing the testing. (basis: Regulation 2-6-503)

2. To demonstrate compliance with Part M. 1, the owner/operator shall maintain the following records in a District approved log: (basis: Regulation 2-6-501)

a. All source test results for ~~HCl~~ POC concentration and emissions.

These records shall be kept on site for a minimum of 5 years from the date of entry and shall be made available to District personnel upon request. (basis: Regulation 2-6-501)

N. Hours of Operation Record Keeping

In order to demonstrate compliance with each calendar-year operating limit, in hours, in the above parts B through D, G and H of this condition, the owner/operator shall maintain records of the days and hours of operation. The owner/operator shall total the hours of operation on both a monthly and calendar-year basis. These records shall be retained on site in a District-approved log for a minimum of five years from the date of entry and made available to District personnel upon request. (basis: BAAQMD Regulation 2-6-501)

***APPENDIX A TO PERMIT CONDITION #7216, FOR TRAINS**

The procedures and methodology to be used in calculating transportation emissions for the purpose of demonstrating compliance with the USS-Posco permit condition.

The methodology and calculation procedures require gathering the raw data (STEP 1), determining fuel usage rates (STEP 2), applying pollutant specific emission factors (STEP 3).

Calculated monthly emissions shall be reported in tons and calculated daily emissions shall be reported in pounds (STEP 4).

STEP 1.

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Collection of Raw Data Regarding Train Activity at USS-POSCO, Pittsburg, CA

INCOMING TRAIN SHIPMENTS. The following information, associated with each locomotive, shall be collected, recorded, and used in subsequent calculations:

- Arrival Date and Time
- Specify as to Type of Delivery (ex. steel coil)
- Carrier and Train Number
- Number of Locomotives Used
- Engine Type
- Number of Cars
- Idle Time in Minutes
- Quantity of Product Shipped (in tons)
- Random Check of Car Weight determined by UPI scale
- Distance Traveled in District
- Invoice Records

OUTGOING TRAIN SHIPMENTS. The following information, associated with each locomotive, shall be collected, recorded, and used in subsequent calculations:

- Departure Date and Time
- Specify as to Type of Delivery (ex. steel coil, scrap, iron oxide)
- Carrier and Train Number
- Number of Locomotives Used
- Engine Type
- Type of Cars
- Number of Cars
- Quantity of Product Shipped (in tons)
- Distance Traveled in District
- Invoice Records

OUTGOING TRAINS CARRYING UPI MATERIAL AS PART OF A SECTION TRAIN WITHIN DISTRICT. The following information, associated with each locomotive, shall be collected, recorded, and used in subsequent calculations:

- Departure Date and Time
- Specify as to Type of Delivery (ex. steel coil, scrap, iron oxide)
- Carrier and Train Number
- Number of Locomotives Used for UPI Cars
- Engine Type
- Type of Cars
- Number of Cars
- Quantity of Product Shipped (in tons)
- Distance Traveled in District
- Invoice Records

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SWITCHING ACTIVITY. The following information, associated with each locomotive, shall be collected, recorded, and used in subsequent calculations:

UPI switching locomotives:
- fuel loaded into locomotive
- invoice records

FOR switching at SF/SP switch yard:
- Switching Invoice Records
- Same information required for SP line haul

STEP 2.
DETERMINING FUEL USAGE RATES

The District approved railroad system factors:

Union Pacific (laden & unladen): 1.37 gallon/KGTM
Southern Pacific (laden & unladen): 1.67 gallon/KGTM
Santa Fe (laden & unladen): 1.78 gallon/KGTM

LINE HAUL TRAINS (incoming raw coils, outgoing finished product and scrap):

((number of cars) * (gross weight of cars) * (miles traveled within District) /(1000)) * (Railroad carrier system factor, in gal/KGTM) * (Emission Factor for Pollutant)

UNLADEN LINE HAUL TRAINS:

The miles traveled by a returning unladen train from UPI to Union Pacific or receiving an incoming unladen train to carry UPI shipments are assumed to be identical to the miles traveled within the District for the laden train. The method of calculation for line haul trains is then followed.

UPI SWITCH ENGINES

(Fuel usage) * (Emission Factor for Pollutant)

Santa Fe/Southern Pacific Switching:

(5% of the SP fuel usage due to UPI outbound cars)

STEP 3.
EMISSION FACTORS

The District approved emission factors for baseline calculations at the UPI facility are as follows:

Switch Engines	Line-Haul Engines

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	(lb/Kgallons)	(lb/Kgallons)
Nitrogen Oxides (NO_x)	718.3	535.7
Carbon Monoxide (CO)	75.6	52.8
Hydrocarbons (HC)	41.7	19.8
Sulfur Oxides (SO_x)	71.0	71.0
PM10	18.3	13.3

(1) SO_x emission factor: (7.1#/gal) (%S by wt) (2) (1000) as SO2
(note: sulfur content of 0.5% is being used based on line haul fuel)

STEP 4.
CALCULATED MONTHLY AND DAILY EMISSIONS

To be kept by USS-Posco on a daily record keeping basis. The records which are required to be submitted to the District pursuant to Condition 2 on the entire modernization project may be submitted in the form of the attached summary sheets or in such other format as the Air Pollution Control Officer may approve.

DAILY RECORD OF RAIL TRANSPORT
RAW COILS

Note: Use one Daily Record form for each shipment.

(1) Date of receipt _____
(2) Name of cargo carrier _____
(If the carrier is other than Union Pacific, give name of carrier.)
(3) Number of cars _____
(4) Tare weight of average car _____ tons
(5) Total tare weight, (3) x (4) _____ tons
(6) Net weight of coils _____ tons
(7) Gross weight of rail cars, (5) + (6) _____ tons
(8) Number of engines used by incoming train _____

Note: Rail Car is assumed to be a flatcar with average tare weight of 68,400 pounds. If a different kind of rail car is used, enter the new tare weight.

DAILY RECORD OF RAIL TRANSPORT
FINISHED PRODUCTS
Sheet Steel

Note: Use one Daily Record form for each shipment.

(1) Date shipped _____
(2) Destination (City, State) _____
(3) Type of rail cars used _____

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(4) Average tare weight of car _____ tons
(5) Number of cars _____
(6) Total tare weight, (4) x (5) _____ tons
(7) Net weight of product _____ tons
(8) Gross weight of product, (6) + (7) _____ tons

Note: Rail Car is assumed to be a covered gondola with an average tare weight of 75,000 pounds. If a different kind of rail car is used, enter the new tare weight.

DAILY RECORD OF RAIL TRANSPORT
FINISHED PRODUCTS
Tinplate

Note: Use one Daily Record form for each shipment.

(1) Date shipped _____
(2) Destination (City, State) _____
(3) Type of rail cars used _____
(4) Average tare weight of car _____ tons
(5) Number of cars _____
(6) Total tare weight, (4) x (5) _____ tons
(7) Net weight of product _____ tons
(8) Gross weight of product, (6) + (7) _____ tons

Note: Rail car is assumed to be a box car with an average tare weight of 78,300 pounds. If a different kind of car is used, enter the new tare weight.

DAILY RECORD OF RAIL TRANSPORT
SCRAP STEEL

Note: Use one Daily Record form for each shipment.

(1) Date shipped _____
(2) Destination (City, State) _____
(3) Type of rail cars used _____
(4) Average tare weight of car _____ tons
(5) Number of cars _____
(6) Total tare weight, (4) x (5) _____ tons
(7) Net weight of scrap _____ tons
(8) Gross weight of scrap, (6) + (7) _____ tons

Note: Rail car is assumed to be a gondola with an average tare weight of 65,900 pounds. If a different kind of car is used, enter the new tare weight.

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DAILY RECORD OF RAIL TRANSPORT
UPI SWITCH ENGINES

Fuel Deliveries

(1)	Date of delivery	_____	
(2)	Engine 1	_____	gallons
(3)	Engine 2	_____	gallons
(4)	Engine 3	_____	gallons
(5)	Engine 4	_____	gallons
(6)	Fuel delivered for switch engines, (2) + (3) + (4) + (5)	_____	gallons

SUMMARY OF MONTHLY RAIL TRANSPORT
FUEL USAGE -- RAW COILS

Line-haul transport by Union Pacific

(1)	Tare weight of rail cars	_____	tons
(2)	Gross weight of rail cars	_____	tons
(3)	Distance traveled in BAAQMD	19.3	miles
(4)	Unit fuel usage (laden)	1.37	gal/KGTM
(5)	Unit fuel usage (unladen)	1.37	gal/KGTM
(6)	Fuel usage (inbound), (2) x (3) x (4) + 1000	_____	gallons
(7)	Fuel usage (outbound), (1) x (3) x (5) + 1000	_____	gallons

Positioning - Union Pacific

(8)	Number of shipments	_____	
(9)	Fuel per shipment	10	gallons
(10)	Fuel Usage, (8) x (9)	_____	gallons

Idling - Union Pacific

(11)	Number of engines	_____	
(12)	Fuel per engine	1.67	gallons
(13)	Total Usage	_____	gallons
(14)	Total Union Pacific fuel usage, (6) + (7) + (10) + (13)	_____	gallons

SUMMARY OF MONTHLY RAIL TRANSPORT
FUEL USAGE -- FINISHED PRODUCTS

Transport from UPI to SF/SP Yard by Santa Fe Switch Engines

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(1)	Tare weight of rail cars	_____	tons
(2)	Gross weight of rail cars	_____	tons
(3)	Distance traveled in BAAQMD	2.0	miles
(4)	Unit fuel usage	1.78	gal/KGTM
(5)	Fuel usage (inbound), (1) x (3) x (4) + 1000	_____	gallons
(6)	Fuel usage (outbound), (2) x (3) x (4) + 1000	_____	gallons
(7)	Total Santa Fe fuel usage, (5) + (6)	_____	gallons

Transport to destination by Southern Pacific line-haul engines

Northern Route (toward Roseville)

(8)	Distance traveled in BAAQMD	37.7	miles
(9)	Unit fuel usage	1.67	gal/KGTM
(10)	Fuel usage (inbound), (1) x (8) x (9) + 1000	_____	gallons
(11)	Fuel usage (outbound), (2) x (8) x (9) + 1000	_____	gallons

Southern Route (toward Tracy)

(12)	Distance traveled in BAAQMD	25.7	miles
(13)	Unit fuel usage	1.67	gal/KGTM
(14)	Fuel usage (inbound), (1) x (12) x (13) + 1000	_____	gallons
(15)	Fuel usage (outbound), (2) x (12) x (13) + 1000	_____	gallons

Both Routes

(16)	Total SP line-haul fuel usage, (10) + (11) + (14) + (15)	_____	gallons

Transport at SF/SP yard by Southern Pacific switch engines

(17)	Switching fuel usage as a fraction of line-haul fuel usage	0.0526	
(18)	Total SP switching fuel usage, (17) x (16)	_____	gallons

Note: Switching fuel usage is assumed to be 5 percent of the railroad's total fuel usage in the BAAQMD. The remaining 95 percent is for line-hauling. Switching usage is 5.26 percent of line-hauling usage.

SUMMARY OF MONTHLY RAIL TRANSPORT FUEL USAGE -- SCRAP STEEL

Transport from UPI to SF/SP Yard by Santa Fe Switch Engines

(1)	Tare weight of rail cars	_____	tons

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(2)	Gross weight of rail cars	_____	tons
(3)	Distance traveled in BAAQMD	2.0	miles
(4)	Unit fuel usage	1.78	gal/KGTM
(5)	Fuel usage (inbound), (1) x (3) x (4) + 1000	_____	gallons
(6)	Fuel usage (outbound), (2) x (3) x (4) + 1000	_____	gallons
(7)	Total Santa Fe fuel usage, (5) + (6)	_____	gallons

Transport to destination by Southern Pacific line-haul engines

Northern Route (toward Roseville)

(8)	Distance traveled in BAAQMD	37.7	miles
(9)	Unit fuel usage	1.67	gal/KGTM
(10)	Fuel Usage (inbound), (1) x (8) x (9) + 1000	_____	gallons
(11)	Fuel Usage (outbound), (2) x (8) x (9) + 1000	_____	gallons

Southern Route (toward Tracy)

(12)	Distance traveled in BAAQMD	25.7	miles
(13)	Unit fuel usage	1.67	gal/KGTM
(14)	Fuel usage (inbound), (1) x (12) x (13) + 1000	_____	gallons
(15)	Fuel usage (outbound), (2) x (12) x (13) + 1000	_____	gallons

Both Routes

(16)	Total SP line-haul fuel usage, (10) + (11) + (14) + (15)	_____	gallons

Note: If any scrap steel is shipped within the Bay Area Air Quality Management District, the mileage from UPI to the receiving location must be determined and entered on Line (8) or (12).

Transport at SF/SP yard by Southern Pacific switch engines

(17)	Switching fuel usage as a fraction of line-haul fuel usage	0.0526	
(18)	Total SP switching fuel usage, (17) x (16)	_____	gallons

Note: Switching fuel usage is assumed to be 5 percent of the railroad's total fuel usage in the BAAQMD. The remaining 95 percent is for line-hauling. Switching usage is 5.26 percent of line-hauling usage.

MONTHLY SUMMARY OF RAIL TRANSPORT FUEL USAGE -- UPI SWITCH ENGINES

UPI Switch Engines

(1)	Fuel delivered for switch engines	_____	gallons

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SUMMARY OF MONTHLY RAIL TRANSPORT
TOTAL FUEL USAGE
ALL TRANSPORT METHODS

Line-haul engines

(1) Union Pacific, (Page 1, Line 14) _____ gallons
(2) Southern Pacific, (Page 3, Line 16) +(Page 5, Line 16) _____ gallons
(3) Total line-haul engines, (1) + (2) _____ gallons

Switch engines

(4) Santa Fe, (Page 2, Line 7) + (Page 4, Line 7) _____ gallons
(5) Southern Pacific, (Page 3, Line 18) + (Page 5, Line 18) _____ gallons
(6) UPI (Page 6, Line 1) _____ gallons
(7) Total switch engines, (4) + (5) + (6) _____ gallons

SUMMARY OF MONTHLY RAIL TRANSPORT
EMISSION CALCULATIONS
ALL TRANSPORT METHODS

Operation	NOx	CO	HC	SOx	PM10
Line-haul engines					
Fuel use	_____ gallons (Page 7, Line 3)				
Emission factor, (lb/1000 gal)	535.7	52.8	19.8	71.0	13.3
Emissions (tons/mo)	_____	_____	_____	_____	_____
Switch engines					
Fuel use	_____ gallons (Page 7, Line 7)				
Emission factor, (lb/1000 gal)	718.3	75.6	41.7	71.0	18.3
Emissions (tons/mo)	_____	_____	_____	_____	_____
Monthly Total					
Actual Emissions, (tons/mo)	_____	_____	_____	_____	_____
Prorated Baseline Emissions (tons/mo)	_____	_____	_____	_____	_____

Calculations:

(1) Divide each category's fuel use from previous summary sheets by 1,000 to compute 1000's of

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gallons of fuel used per month.
(2) Multiply fuel use by emission factor and divide result by 2,000 to compute emissions in tons per month.

***APPENDIX A TO PERMIT CONDITION #7216, FOR SHIPS**

The procedures and methodology to be used in calculating transportation emissions for the purpose of demonstrating compliance with the USS-POSCO permit condition.

The methodology and calculation procedures require gathering the raw data (STEP 1), determining fuel usage rates (STEP 2), applying pollutant specific emission factors (STEP 3).

Calculated monthly emissions shall be reported in tons and calculated daily emissions shall be reported in pounds (STEP 4).

STEP 1.
Collection of Raw Data regarding Ship Activity at USS-POSCO, Pittsburg, CA

INCOMING SHIP SHIPMENTS. The following information, associated with each ship, shall be collected, recorded, and used in subsequent calculations:

- Arrival Date and Time
- Specify as to Type of Delivery (ex. steel coil)
- Ship Name
- DWT
- Quantity of Product Shipped (in tons)
- Distance Traveled in District
- Invoice Records for fuel oil
- CEM Charts for Main Engine for SCR-equipped ships

OUTGOING SHIP SHIPMENTS. The following information, associated with each ship, shall be collected, recorded, and used in subsequent calculations:

- Departure Date and Time
- Specify as to Type of Delivery (empty)
- Ship Name
- DWT
- Quantity of Product Shipped (in tons, if any)
- Distance Traveled in District
- CEM Charts for Main Engine for SCR-equipped ships

STEP 2.
DETERMINING FUEL USAGE RATES

For the Main Engine use the recorded rate from the ship recorder.

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For the Diesel Generator use AP-42 Equation of (0.0959 gal/Kw-Hr) (Generator Load, in Kw-Hr)

Generator Load is determined as follows: 2 generators operate at 25% load during the transit time. During docking of the ship the 3 generators are assumed to operate at 50% power. After docking, 1 generator is assumed to operate at 25% load. Switching to shore power for SCR-equipped ships is assumed to take 0.5 hours.

Boiler fuel usage is 30 gal/hr times the length of the voyage.

STEP 3.
EMISSION FACTORS

For Main Engines:

NO_x:	lbs/day from CEM Chart for SCR-equipped ships and 750 lbs NO_x/Mgal for non-SCR-equipped ships
CO:	(56.9 lbs CO/Mgal)
PM10:	(20 lbs PM_{10}/Mgal)
POC:	(32.8 lbs POC/Mgal)
SO_2:	is calculated based on 5% S in fuel calculation to be: (Fuel Rate, gals) (7.2 lbs/gal) (0.05/100) (64/32) = SO_2

For Diesel Generator:

NO_x:	(222 lbs NO_x/Mgal)
CO:	(53.4 lbs CO/Mgal)
POC:	(109 lbs POC/Mgal)
PM10:	(50 lbs PM_{10}/Mgal)
SO_2:	is calculated based on 0.5% S in fuel calculation to be: (Fuel Rate, gals) (7.2 lbs/gal) (0.005/100) (64/32) = SO_2

For Boiler:

NO_x:	(20 lbs NO_x/Mgal)
CO:	(5.0 lbs CO/Mgal)
PM10:	(2.0 lbs PM_{10}/Mgal)
POC:	(0.2 lbs POC/Mgal)
SO_2:	is calculated based on 0.5% S in fuel calculation to be: (Fuel Rate, gals) (7.2 lbs/gal) (0.005/100) (64/32) = SO_2

STEP 4.

CALCULATED MONTHLY AND DAILY EMISSIONS

To be kept by USS-Posco on a daily record keeping basis. The records which are required to be

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submitted to the District pursuant to Condition 2 on the entire modernization project may be submitted in the form of the attached summary sheets or in such other format as the Air Pollution Control Officer may approve.

End of Appendix A for permit condition # 7216

Condition # 7579

For S82, 93, 155 - ELECTRO-TINNING LINES:

1. Throughput

The total annual combined throughput at sources S82, S93, and S155 shall not exceed 114.5 million amp-hr in any consecutive twelve month period.
(Basis: Voluntary Limit)

2. Abatement

This source shall not be operated unless emissions are vented to either A41 or A42, Mapco Enforcer III High Efficiency Scrubber.
(Basis: Regulation 11-8, Section 93102 (c)(2))

3. Emission Limits

Emissions of hexavalent chromium shall not exceed 0.006 mg/amp-hr after abatement.
(Basis: Regulation 11-8, Section 93102 (c)(2))

4. Source Test

Source Testing Protocol: A written source test protocol shall be submitted for District approval prior to conducting any source test for compliance. This source test protocol shall include testing methods, length of sample period, sampling equipment and methods, as well as the planned date for the source test.
(Basis: Regulation 11-8, Section 93102 (d)(4))

5. Record Keeping

To comply with the above parts, monthly records of current applied to this source integrated over time, in units of amp-hrs, and records of chemical addition to the source shall be kept (onsite) and maintained. Such records shall be submitted to the BAAQMD on an annual basis via the annual update program. These records shall be maintained at the plant site for at least five years.
(Basis: Regulation 11-8, Section 93102 (h)(4)(A))

6. In order to demonstrate compliance with the emission limit is part 3, the owner/operator of this equipment shall conduct District approved source testing of both scrubber systems every two

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years. The initial source test required by this part shall be conducted no later than July 1, 2004. Subsequent testing shall be performed no later than 24 months from the previous test. The Director of the Compliance and Enforcement Division of the District shall be contacted to obtain approval of the source test procedures at least 14 days in advance of each source test. The Director of the Compliance and Enforcement Division shall be notified of the scheduled test date at least 7 days in advance of each source test. The source test report shall be submitted to the Compliance and Enforcement Division and to the Director of the Compliance and Enforcement Division within 45 days of the test date.
(basis: Regulation 2-1-304)

Condition # 12194

For S286, 287 - CHROME RECOVERY UNIT (CRU) EVAPORATORS

1. Total combined emissions of hexavalent chromium from chrome recovery unit evaporators S286 and S287, shall not exceed 0.87 lb in any consecutive twelve month period. The ventilation and exhaust systems shall be properly maintained and kept in good operative condition.
(Basis: Toxic Risk Screen)

2. To demonstrate compliance with part 1, above, a District-approved source test shall be performed (according to an approved protocol) on the evaporator system. The owner/operator of this equipment shall conduct District approved source testing of both scrubber systems every two years. The initial source test required by this part for each source shall be conducted the later of July 1, 2004 or within six months of any operation occurring on or after the Major Facility Review Permit issuance date. Subsequent testing shall be performed no later than 24 months from the previous test.

This source test shall be conducted according to the requirements of either CARB Method 425 or EPA Method 306. This source test shall determine the mass emissions of both total and hexavalent chromium in units of g/hr and mg/dscm as emitted after abatement. A complete report shall be submitted within 45 days of the test date to the Director of the Compliance and Enforcement Division and shall demonstrate compliance with part 1, above.

Source Testing Protocol: A written source test protocol shall be submitted at least 14 days in advance of each source test to the Director of the Compliance and Enforcement Division for District approval prior to conducting any source test for compliance. This source test protocol shall include testing methods, length of sample period, facilities to be operated during the source test, parameters to be monitored during the source test, sampling equipment and methods, as well as the planned date for the source test. The Director of the Compliance and Enforcement Division shall be notified of the scheduled test date at least 7 days in advance of each source test.
(Basis: Toxic Risk Screen)

3. Ongoing Compliance Monitoring

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To demonstrate ongoing compliance with part 1, above, USS Posco shall keep monthly records of hexavalent and total chrome emissions. Emissions of total and hexavalent chrome shall be estimated by multiplying the chrome emission rates in grams per hour as determined by the source test required in part 2, by the monthly evaporator system hours of operation.
(Basis: Toxic Risk Screen)

4. Evaporator System Hours of Operation

To comply with part 3, above, USS Posco shall install, maintain, and utilize a non-resettable clock on the evaporators to track and record the hours of operation.
(Basis: Toxic Risk Screen)

5. Recordkeeping

Source Test Results: USS Posco shall keep and maintain onsite records of all source tests performed on the exhaust stream for sources S286 and S287.

Hours of Operation: USS Posco shall keep and maintain onsite records of monthly hours of operation of the chrome recovery unit evaporator system.

Retention of Records: All of the above records shall be maintained for at least five years following the close of the recording year.
(Basis: Toxic Risk Screen)

Condition # 12790

For S217 - Cold Cleaner, Graymills, Liftkleen T2420, 47 gallon capacity

1. The net amount of "Safety-Kleen 105" and/or "Safety-Kleen Premium" used at S217, Cold Cleaner, shall not exceed 55 gallons in any consecutive twelve-month period.
(Basis: cumulative increase, toxic risk screen)

2. Solvents other than the materials specified in part #1 may be used at S217, provided that the owner/operator can demonstrate that all of the following are satisfied:

a. Total VOC emissions from S217 do not exceed 358 pounds in any consecutive twelve month period; and

b. The use of these materials do not increase toxic emissions above any risk screening trigger level; and

c. All solvents used shall meet the definition of a "Compound with Low Volatility" in Regulation 8 Rule 16.
(Basis: cumulative increase, toxic risk screen, Regulation 8-16-118.2)

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3. In order to demonstrate compliance with the above condition, the following records shall be maintained on a District approved log. Entries shall be made to the records whenever solvent is added or removed from the source. These records shall be kept on site, summarized on a quarterly basis, and made available for District inspection for a period of 60 months from the date on which a record is made.

a. Type and monthly usage of all VOC containing materials used;

b. If a material other than that specified in part #1 is used, VOC and toxic component contents of each material used; and mass emission calculations to demonstrate compliance with part #2, on a monthly basis;

c. Monthly usage and/or emission calculations shall be totaled for each consecutive twelve-month period;

d. Quantities of each type of solvent recovered for disposal or recycling

e. Net usage of each type of solvent
(Basis: toxic risk screen, cumulative increase, reasonably available control technology, Regulation 1-441)

Condition # 12997

For S158 (G6331) - GASOLINE DISPENSING ISLAND

Pursuant to BAAQMD Toxic Section policy, this facility's annual gasoline throughput shall not exceed 1.01 million gallons in any consecutive 12 month period.
(Basis: toxic risk screen)

Condition # 13634

For S289 and 290 - Continuous Galvanize Line Stenciller:

1. Combined usage of ink and cleanup solvent at sources S289~~,~~ and S290 shall not exceed the following limits, in any calendar year:

a.	Matthews JAM-4013 Black Ink	900 gallons
b.	Pannier #1001 Black Ink	60 gallons
c.	Marsh T-Grade Dye	5 gallons
d.	Matthews JAM-4500 Cleaner	60 gallons
e.	Pannier 1060 Solvent	180 gallons

(Basis: Cumulative increase)

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2. Inks and solvents other than the materials specified in part 1 may be used at sources S289 and S290, provided that the Permit Holder can demonstrate that both of the following are satisfied:

a. Total combined POC emissions from S289 and 290, do not exceed 7800 pounds per calendar year; and
b. The use of these materials does not increase toxic emissions above any risk screening trigger level.
(Basis: Cumulative increase, risk management policy)

3. To determine compliance with the above conditions, the Permit Holder shall maintain the following records and provide all of the data necessary to evaluate compliance with the above parts, including the following information:

a. Type and quarterly usage of all POC containing materials used;
b. If a material other than those specified in part 1 is used, POC and toxic component contents of each material used; and mass emission calculations to demonstrate compliance with part 2, on a quarterly basis;

All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request.
(Basis: Cumulative increase, risk management policy)

4. The cumulative emission increase for this application is 6189.6 lb/yr POC. This increase is partially offset by contemporaneous emission reductions totaling 4400.2 lb/yr POC. The remaining balance of 1789.4 lb/yr (0.895 TPY) is offset at a ratio of 1.15:1.0 with 1.03 TPY of NOx credits from Banking Certificate No. 490. If UPI wishes to reduce the emission limit of 7800 lb/yr in part 2a, the District will refund the corresponding NOx emission credits that were used to offset this application, less the 15% incremental offset ratio, up to a total of 0.895 TPY. If the Permit Holder can demonstrate that emissions from S289, 290 and 291 never reached 7800 lb/yr, the District will also refund the 15% incremental offset ratio, based on the difference between highest actual emissions and 7800 lb/yr.
(Basis: Cumulative increase)

Condition # 16682

For S292 - KMCAL HORIZONTAL ELECTROSTATIC OILER:

1. Usage of lubricating and rust preventative oils (coatings) at S292 shall not exceed the following limits, in any consecutive twelve-month period:
   a. Ferrocote EGL 35,000 gallons
   b. Ferrocote HCL 12,000 gallons
(Basis: Cumulative Increase or Toxic Risk Screen)

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2. Coatings and cleanup solvents other than the materials specified in part 1, and/or usages in excess of those specified in part 1, may be used at S292, provided that the owner/operator can demonstrate that all of the following are satisfied:
a. Total POC emissions do not exceed 1.175 tons in any consecutive twelve-month period; and
b. Total NPOC emissions do not exceed 1.175 tons in any consecutive twelve-month period; and
c. The use of these materials does not increase toxic emissions above any risk screening trigger level.
(Basis: Emission Offsets, Toxic Risk Screen)

3. S292 shall be abated at all times by A46. The overall efficiency of A46 shall be sufficient to result in emissions of no more than 0.05 pounds of VOC per gallon of coating applied.
(Basis: Emission Offsets)

4. To determine compliance with the above parts, the Permit Holder shall maintain the following records and provide all of the data necessary to evaluate compliance with the above parts, including the following information:
a. Type and monthly usage of all POC containing materials used;
b. Type and monthly usage of all NPOC containing materials used
c. If a material other than those specified in part 1 is used, POC and toxic component contents of each material used; and mass emission calculations to demonstrate compliance with part 2, on a monthly basis;
d. Monthly usage and/or emission calculations shall be totaled for each consecutive twelve-month period.
e. All source tests of S292 performed by or for the Permit Holder.

All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations.
(Basis: Emission Offsets, Toxic Risk Screen)

5. In order to demonstrate compliance with the emission limit is parts 2 and 3, the owner/operator of this equipment shall conduct District approved source testing every two years. The initial source test required by this part shall be conducted no later than July 1, 2004. Subsequent testing shall be performed no later than 24 months from the previous test. The Director of the Compliance and Enforcement Division of the District shall be contacted to obtain approval of the source test procedures at least 14 days in advance of each source test. The Director of the Compliance and Enforcement Division shall be notified of the scheduled test date at least 7 days in advance of each source test. The source test report shall be submitted to the Compliance and Enforcement Division and to the Director of the Compliance and Enforcement Division within 45 days of the test date. (basis: Regulation 2-1-304)

6. The oil mist precipitator A46 shall be properly maintained and properly operated at all times that S292 is in operation. (Basis: Emission Offsets)

7. Within 3 months of the issuance of the Title V permit, the acceptable ranges for oil mist precipitator voltage in DC kilovolts and current in DC milliamps shall be recorded and kept on

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file. Thereafter, the oil mist precipitator shall be operated within the range of normal operating parameters for the equipment as established by the facility. (basis: Regulation 2-1-403)

8. In order to ensure the proper operation of the oil mist precipitator A46, the following items shall be inspected on at least a monthly basis. (basis: Regulation 2-1-403)
a. oil mist precipitator operating parameters including voltage and current
b. evidence of visible emissions of lubricating and rust preventative oils from the exhaust of the oil mist precipitator

9. In order to demonstrate compliance with part 3, the permit holder shall keep monthly inspection records for each affected wet scrubber in a District approved log. These records shall include the following information for each unit inspected:

a. the time and date of each inspection
b. the name of the person conducting the inspection
c. the oil mist precipatator voltage versus the established range
d. the oil mist precipatator current versus the established current range
e. the results of each visible emissions check
f. any corrective action taken as a result of the inspection

All records shall be kept on-site and made available for District inspection for a period of five years from the date on which a record is made. (basis: Regulation 2-6-501)

Condition # 16920

For S190, 191, 194 THROUGH 196, 202, 206, 208, 210, 214, 215, AND 218 - COLD CLEANERS

1. Net usage at this source of:

a. Safety-Kleen 105 Solvent Recycled plus
b. Safety-Kleen Premium Solvent-California plus
c. Inland Technology Breakthrough plus
d. Ashland Chemical Company Solvent 140 3% Aromatics

shall not exceed 150 gallons per source in any consecutive 12-month period.
(basis: Cumulative Increase)

2. Cleanup solvent other than the materials specified in part 1, and/or usage in excess of that specified in part 1, may be used, provided that the Permit Holder can demonstrate that all of the following are satisfied:

a. Total POC emissions from this source do not exceed 1,000 pounds in any consecutive 12-month period; and
b. Total NPOC emissions from this source do not exceed 1,000 pounds in any consecutive 12-month period; and

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c. The use of these materials does not increase toxic emissions above any risk screening trigger level.
(basis: Cumulative Increase and Toxic Risk Screen)

3. To determine compliance with the above conditions, the Permit Holder shall maintain the following records and provide all of the data necessary to evaluate compliance with the above conditions, including the following information:

a. Type and monthly usage of all POC and NPOC containing materials used;
b. If a material other than those specified in part 1 is used, POC, NPOC and toxic component contents of each material used; and mass emission calculations to demonstrate compliance with part 2, on a monthly basis;
c. Monthly usage and/or emission calculations shall be totaled for each consecutive 12-month period.

All records shall be retained on-site for two years, from the date of entry, and made available for inspection by District staff upon request. These requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations.
(basis: Cumulative Increase and Toxic Risk Screen)

Condition # 18544

For S293 THROUGH 297 - Emergency Standby Generators

1. Hours of Operation: Each source shall only be operated to mitigate emergency conditions or for reliability-related activities. Operation for reliability-related activities shall not exceed 100 hours in any calendar year. Operation while mitigating emergency conditions is unlimited.
(Basis: Reg. 9-8-330)

"Emergency Conditions" is defined as any of the following: (Basis: Reg. 9-8-231)
a. Loss of regular natural gas supply.
b. Failure of regular electric power supply.
c. Flood mitigation.
d. Sewage overflow mitigation.
e. Fire.
f. Failure of a primary motor, but only for such time as needed to repair or replace the primary motor.

"Reliability-related activities" is defined as any of the following: (Basis: Reg. 9-8-232)
a. Operation of an emergency standby engine to test its ability to perform for an emergency use, or
b. Operation of an emergency standby engine during maintenance of a primary motor.

2. Each emergency standby engine shall be equipped with a non-resettable totalizing meter that measures and records the hours of operation for the engine. (Basis: Reg. 9-8-530)

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3. Records: The following monthly records shall be maintained in a District-approved log for at least 5 years and shall be made available for District inspection upon request: (Basis: Reg. 9-8-530)
a. Total hours of operation for each source.
b. Hours of operation under emergency conditions for each source and a description of the nature of each emergency condition.
c. Fuel usage for each source.

4. S293 through 297 shall be fired exclusively on diesel fuel having sulfur content no greater than 0.5% by weight. The sulfur content of the fuel oil shall be certified by the fuel oil vendor. (Basis: Reg. 9-1-304)

Condition # 19380

For S299 - Diesel Fire Pump Packaged System, 2500 gpm with John Deere 6068 diesel engine, 240 HP

1. The Emergency Generator (S299) shall be fired exclusively on diesel fuel having sulfur content no greater than 0.05% by weight. The sulfur content of the fuel oil shall be certified by the fuel oil vendor. (Basis: BACT, Cumulative Increase)

2. Hours of Operation: S299 shall only be operated to mitigate emergency conditions or for reliability-related activities. Operation for reliability-related activities shall not exceed 26 hours in any calendar year. Operation while mitigating emergency conditions is unlimited. (Basis: Cumulative Increase)

"Emergency Conditions" is defined as any of the following: (Basis: Reg. 9-8-231)

a. Loss of regular natural gas supply.
b. Failure of regular electric power supply.
c. Flood mitigation.
d. Sewage overflow mitigation.
e. Fire.
f. Failure of a primary motor, but only for such time as needed to repair or replace the primary motor.

"Reliability-related activities" is defined as any of the following: (Basis: Reg. 9-8-232)

a. Operation of an emergency standby engine to test its ability to perform for an emergency use, or

b. Operation of an emergency standby engine during maintenance of a primary motor.

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3. The emergency standby engine shall be equipped with a non-resettable totalizing meter that measures and records the hours of operation for the engine. (Basis: Reg. 9-8-530)

4. Records: The following monthly records shall be maintained in a District-approved log for at least 5 years and shall be made available for District inspection upon request: (Basis: Reg. 9-8-530)
a. Total hours of operation.
b. Hours of operation under emergency conditions and a description of the nature of each emergency condition.
c. Fuel usage.

Condition # 20038

For S400 - CONTAMINATED SOILS (SWMUS) "OUT" AND S401 - CONTAMINATED SOILS (CAMU) "IN":

GENERAL

1. The owner/operator shall perform the remediation project in accordance with the "California Environmental Quality Act Initial Study for USS-POSCO Industries Soil Remediation/Unit I Corrective Action Management Unit, Pittsburg, California," dated June 2002. The Department of Toxic Substances Control (DTSC) prepared this document. Specific mitigation measures required by the BAAQMD include the "Mitigation Measures During Remedial Activity" contained in Section IV, Environmental Impact Analysis, Part 3, Air Quality, except the BAAQMD does not:
a. require the use of a safety officer.
b. limit personnel entrances into excavations.
c. limit access to construction area(s) to approved personnel with adequate protective equipment.
d. require air-monitoring equipment.
(basis: CEQA)

FUGITIVE PARTICULATE AND VISIBLE EMISSIONS

2. The owner/operator shall ensure that visible dust emissions from any operation of this project shall not exceed 0.5 on Ringelmann chart, for a period or periods aggregating more than 3 minutes in any hour. The owner/operator shall also ensure that dust emissions shall not result in fallout on non-USS-POSCO-owned adjacent property in any quantities as to cause annoyance to any person, or public nuisance per Regulation 1-301. This part shall not apply to an emission from an engine used to propel a motor vehicle.
(basis: BACT, Regulation 1-301)

3. The owner/operator shall ensure that trucks hauling material on-site are covered, and/or maintain a two-foot minimum freeboard, and/or have the top layer watered. If any one of these

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abatement techniques is not effective to comply with part #2, then the District will require additional control measures as deemed necessary by the District. (basis: BACT)

4. The owner/operator shall retain the following records in a District approved logbook. These records shall be kept on site for a period of at least 5 years from the date on which a record is made, and shall be made available to the District staff for inspection.
(basis: Cumulative increase}

a. Daily hours of operation at each Solid Waste Management Unit (SWMU).
b. Daily amount of material placed into a stockpile(s) at each SWMU.
c. Daily throughput of material removed from each SWMU
d. Daily amount of material received at the Corrective Action Management Unit (CAMU).
e. Daily number of trucks used to haul material from a SWMU to the CAMU.
f. Daily number of trucks used to haul material from a SWMU to an off-site location.

Condition #~~20790~~20780
General Conditions for Sources Abated by Baghouses: S97, S134, S166, S167, S168, S176, S178, S179, S182

1. Each baghouse shall be properly maintained and properly operated at all times that its associated PM emissions source(s) is/are in operation. (basis: Regulation 2-1-403)

2. Within 6 months of the issuance of the Title V permit, each baghouse shall be equipped with a magnahelic gauge or other approved device to measure the pressure drop across the filter bags. The pressure drop across the baghouse shall be maintained within the range recommended by the manufacturer or normal operating range established by the facility. The established pressure drop range for each baghouse shall be recorded and kept on file. (basis: Regulation 2-1-403)

3. In order to ensure the proper operation of each affected baghouse, the following items shall be inspected on at least a monthly basis. (basis: Regulation 2-1-403)
   a. the measured pressure drop across the baghouse is within the established pressure drop range
   b. evidence of visible particulate emissions from the exhaust of the baghouse

4. If a baghouse is found to be operating outside of the established pressure drop range or if there is evidence of visible particulate emissions from the exhaust of the baghouse, a visual inspection of the filter bags shall be conducted. Filter bags exhibiting holes, tearing, or significant wear shall be replaced. After any corrective action has been taken, the baghouse shall be re-inspected in accordance with part 3. (basis: Regulation 2-1-403)

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5. In order to demonstrate compliance with parts 3 and 4, the permit holder shall keep monthly inspection records for each affected baghouse in a District approved log. These records shall include the following information for each baghouse:

   a. the time and date of each inspection
   b the name of the person conducting the inspection
   c. the measured pressure drop versus the established pressure drop range
   d. the results of each visible particulate emissions check
   e. the observed condition of the filter bags when a visual inspection is performed
   f. any corrective action taken as a result of the inspection

   All records shall be kept on-site and made available for District inspection for a period of five years from the date on which a record is made. (basis: Regulation 2-6-501)

Condition #~~20791~~20781

General Conditions for Sources Abated by Wet Scrubbers: S169, ~~S171,~~ S173, S177 through S182, S286, S287

1. Each wet scrubber shall be properly maintained and properly operated at all times that its associated PM emissions source(s) is/are in operation. (basis: Regulation 2-1-403)

2. Within 9 months of the issuance of the Title V permit, each wet scrubber shall be equipped with devices to measure the scrubber liquid flow rate and the gas stream pressure drop across the scrubber. If a demister is downstream of a scrubber, the Owner/Operator may consider the demister to be part of the wet scrubber and measure the gas stream pressure drop across the scrubber plus demister. Within 12 months of the issuance of the Title V permit, the acceptable ranges for scrubber liquid flow rate and gas stream pressure drop across the unit shall be recorded for each affected wet scrubber and kept on file. Thereafter, each scrubber shall be operated within the range of normal operating parameters for the equipment as established by the facility. (basis: Regulation 2-1-403)

3. In order to ensure the proper operation of each affected wet scrubber, the following items shall be inspected on at least a monthly basis. (basis: Regulation 2-1-403)
   a. scrubber operating parameters including liquid flow rate and gas stream pressure drop (following the installation of monitoring equipment in accordance with part 2)
   b. evidence of visible particulate emissions from the exhaust of the scrubber

4. In order to demonstrate compliance with part 3, the permit holder shall keep monthly inspection records for each affected wet scrubber in a District approved log. These records shall include the following information for each unit inspected:

   a. the time and date of each inspection
   b. the name of the person conducting the inspection

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c. the liquid flow rate versus the established range
d. the measured gas stream pressure drop versus the established pressure drop range
e. the results of each visible particulate emissions check
f. any corrective action taken as a result of the inspection

All records shall be kept on-site and made available for District inspection for a period of five years from the date on which a record is made. (basis: Regulation 2-6-501)

Condition #20866

For S300 through S311, Solvent Cleaners, System One, Model 570, 35 Gal and S312, Solvent Cleaner, ZEP, Model 9066, 45 Gal

1. The Owner/Operator of Cold Cleaners S300 through S312 shall not exceed the following usage limits for each cleaner during any consecutive twelve-month period:

   Methylated Siloxane 40 gallons/year/cleaner
   (Basis: Cumulative Emissions)

2. The Owner/Operator of sources S300 through S312 may use solvent other than the material specified in Part 1 above, and/or usages in excess of those specified in Part 1 above, provided that the Owner Operator can demonstrate that all of the following are satisfied:

   a. S300 through S312 Cold Cleaners comply with Regulations 8-16-303.4 and 8-16-303.5;
   b. The total NPOC combined emissions from S300 through S312 do not exceed 4108 pounds in any consecutive twelve-month period; and
   c. The use of these materials does not increase toxic emissions above any risk screening trigger level.

   (Basis: Cumulative Emissions)

3. To determine compliance with the above conditions, the Owner/Operator shall maintain the following records and provide all of the data necessary to evaluate compliance with the above conditions, including the following information:

   a. Quantities of solvent used at each source on a monthly basis.
   b. If a material other than that specified in Part 1 above is used, NPOC and toxic component contents of each material used; and mass emission calculations to demonstrate compliance with Part 2, on a monthly basis,
   c. Monthly usage and/or emission calculations shall be totaled for each consecutive twelve-month period.

   (Basis: Cumulative Emissions)

Condition #21254

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For Source S171, Tandem Cold Mill, Abated by A29, Tandem Cold Mill Mist Eliminator

1. The centrifugal mist eliminator shall be properly maintained and properly operated at all times that its associated PM emissions source is in operation.
(basis: Regulation 2-1-403)

2. Within 9 months of the issuance of the Title V permit, the centrifugal mist eliminator shall be equipped with a devices to measure the inlet gas stream pressure. Within 12 months of the issuance of the Title V permit, the acceptable range for inlet gas stream pressure shall be recorded for the centrifugal mist eliminator and kept on file. Thereafter, the centrifugal mist eliminator shall be operated within the range of normal operating parameters for the equipment as established by the facility. (basis: Regulation 2-1-403)

3. In order to ensure the proper operation of the centrifugal mist eliminator, the following items shall be inspected on at least a monthly basis. (basis: Regulation 2-1-403)
   a. centrifugal mist eliminator operating parameters including inlet gas stream pressure (following the installation of monitoring equipment in accordance with part 2)
   b. evidence of visible particulate emissions from the exhaust of the centrifugal mist eliminator

4. In order to demonstrate compliance with part 3, the permit holder shall keep monthly inspection records for the centrifugal mist eliminator in a District approved log. These records shall include the following information for each unit inspected:
   a. the time and date of each inspection
   b. the name of the person conducting the inspection
   c. the measured inlet gas stream pressure versus the established inlet pressure range
   d. the results of each visible particulate emissions check
   e. any corrective action taken as a result of the inspection

   All records shall be kept on-site and made available for District inspection for a period of five years from the date on which a record is made. (basis: Regulation 2-6-501)

VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), hourly (H), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S43 #1 CONTINUOUS ANNEALING LINE – ANNEALING FURNACE
S70 - Annealing Furnace

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N	
FP	BAAQMD 6-310.3	Y		0.15 gr/dscf @ 6% oxygen		N	
SO2	BAAQMD Regulation 9-1-301	Y		ground level concentrations shall not exceed: 0.5 ppm for 3 consecutive minutes AND 0.25 ppm averaged over 60 consecutive minutes AND 0.05 ppm averaged over 24 hours		N	
	BAAQMD Regulation 9-1-302	Y		300 ppmdv		N	

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - B
Applicable Limits and Compliance Monitoring Requirements
S65 - #1 CONTINUOUS GALVANIZING LINE – ZINC COATING POT

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N	
FP	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr		N	
Arsenic and cadmium	BAAQMD 11-15-93107(c)(2)	N		< 0.002% arsenic and < 0.004% cadmium	BAAQMD 11-15-93107(e)(2)	P/Each batch	Vendor certification
Steel Through-put	BAAQMD Condition #7216, part I. 1	Y		218,776 tons/yr	BAAQMD Condition #7216, part I. 2	P/D	Record keeping

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S72 - #2 CONTINUOUS GALVANIZING LINE – ZINC COATING POT

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N	
FP	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr		N	
Arsenic and cadmium	BAAQMD 11-15-93107(c)(2)	N		< 0.002% arsenic and < 0.004% cadmium	BAAQMD 11-15-93107(e)(2)	P/Each batch	Vendor certification

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S80 - #1 Electro-Tinning Line – Pickling Section
S91 - #3 Electro-Tinning Line – Pickling Section

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N	
FP	BAAQMD 6-310	Y		0.15 gr/dscf		N	
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr		N	

Table VII - E
Applicable Limits and Compliance Monitoring Requirements
S82 - #1 Electro-Tinning Line – Chemical Treatment Section
S93 - #3 Electro-Tinning Line – Chemical Treatment Section
S155 - No. 1 Electro-tinning (tin free steel cell)

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD 11-8-93102(e)(2) plus (h)(4)	P/Weekly	Pressure drop monitoring
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD 11-8-93102(e)(2) plus (h)(4)	P/Weekly	Pressure drop monitoring
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD 11-8-93102(e)(2) plus (h)(4)	P/Weekly	Pressure drop monitoring

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - E
Applicable Limits and Compliance Monitoring Requirements
S82 - #1 Electro-Tinning Line – Chemical Treatment Section
S93 - #3 Electro-Tinning Line – Chemical Treatment Section
S155 - No. 1 Electro-tinning (tin free steel cell)

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hexavalent Chromium	BAAQMD 11-8-93102(c)(2)	Y		0.01 mg/dscm of air	BAAQMD 11-8-93102(e)(1) plus (h)(4)	P/Monthly	Ampere-hour meter
	BAAQMD 11-8-93102(c)(2)	Y		0.01 mg/dscm of air	BAAQMD 11-8-93102(e)(2) plus (h)(4)	P/Weekly	Pressure drop monitoring
	BAAQMD 11-8-93102(c)(2)	Y		0.01 mg/dscm of air	BAAQMD Condition #7579, part 6	P/Every two years	Source test
	BAAQMD Condition #7579, part 3	Y		0.006 mg/amp-hr	BAAQMD Condition #7579, part 6	P/Every two years	Source test
	BAAQMD Condition #7579, part 3	Y		0.006 mg/amp-hr	BAAQMD 11-8-93102(e)(2)	C	Pressure drop monitoring
Annual Amp-hr limit	BAAQMD Condition #7579, part 1	Y		114.5 million amp-hr/12 months	BAAQMD 11-8-93102(h)(4)(A) and BAAQMD Condition #7579, part 1	P/Monthly	Ampere-hour meter

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S97 – TIN FINISHING – TIN ANODE CASTING POT
S134 – TERMINAL TREATMENT PLANT – LIME HANDLING

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20790~~**20780**, part 2, part 3	P/M	Pressure Drop Inspection
		Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20790~~**20780**, part 3	P/M	Visual Observation
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20790~~**20780**, part 2, part 3	P/M	Pressure Drop Inspection
		Y		0.15 gr/dscf	BAAQMD Condition #~~20790~~**20780**, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20790~~**20780**, part 2, part 3	P/M	Pressure Drop Inspection
		Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20790~~**20780**, part 3	P/M	Visual Observation

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - G
Applicable Limits and Compliance Monitoring Requirements
S130 – Oil Separation Unit and
S133 – Terminal Water treatment Plant

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-8-112	Y		1.0 ppmv critical organic compounds	BAAQMD 8-8-502	P/6 months	Sample analysis

Table VII - H
Applicable Limits and Compliance Monitoring Requirements
S149 – Paint Shop Spray Booth

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Organic compounds	BAAQMD 8-19-302	Y		275 grams/liter for baked coatings and 340 grams/liter for air-dried coatings	BAAQMD 8-19-501	P/W	Record keeping
	BAAQMD 8-19-312	Y		360 to 420 grams/liter for baked coatings and 420 grams/liter for air-dried coatings	BAAQMD 8-19-501	P/W	Record keeping
	BAAQMD 8-19-321	N		50 grams/liter for surface preparation solvent	BAAQMD 8-19-501	P/M	Record keeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - I
Applicable Limits and Compliance Monitoring Requirements
S158 – GASOLINE DISPENSING ISLAND

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Gasoline Through-put	BAAQMD Condition # 12997	N		1.01 million gallons per 12-month period	BAAQMD 8-7-503.1	P/A	Records
Through-put (exempt from Phase I)	BAAQMD 8-7-114	Y		1000 gallons per facility for tank integrity leak checking	BAAQMD 8-7-501 and 8-7-503.2	P/E	Records
Organic Com-pounds	BAAQMD 8-7-301.6	Y		All Phase I Equipment (except components with allowable leak rates) shall be leak free (≤3 drops/minute) and vapor tight	BAAQMD 8-7-301.13 and 8-7-503.2	P/A	Static Pressure Performance Test, ST-30
Organic Com-pounds	BAAQMD 8-7-302.5	Y		All Phase II Equipment (except components with allowable leak rates or at the nozzle/fill-pipe interface) shall Be: leak free (≤3 drops/minute) and vapor tight	BAAQMD 8-7-302.14 and 8-7-503.2	P/A	Dynamic Back Pressure Performance Test, ST-27

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - J
Applicable Limits and Compliance Monitoring Requirements
S166 - PICKLING LINE COIL PROCESSOR
S167 - PICKLING LINE BUTT WELDER
S168 - PICKLING LINE STRETCH LEVELER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of Operation	BAAQMD Condition #7216, part B. 4	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20790~~20780, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20790~~20780, part 3	P/M	Visual Observation
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20790~~20780, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20790~~20780, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20790~~20780, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20790~~20780, part 3	P/M	Visual Observation

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - J
Applicable Limits and Compliance Monitoring Requirements
S166 - PICKLING LINE COIL PROCESSOR
S167 - PICKLING LINE BUTT WELDER
S168 - PICKLING LINE STRETCH LEVELER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
PM10	BAAQMD Condition #7216, part B. 1	Y		0.670 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test

Table VII - K
Applicable Limits and Compliance Monitoring Requirements
S169 – ACID PICKLING LINE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of Operation	BAAQMD Condition #7216, part C. 4	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - K
Applicable Limits and Compliance Monitoring Requirements
S169 – ACID PICKLING LINE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
PM10	BAAQMD Condition #7216, part C. 3	Y		0.506 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
HCl	BAAQMD Condition #7216, part C. 3	Y		30 ppmv	BAAQMD Condition #7216, part L. 1	P/Annual	Source test
	BAAQMD Condition #7216, part J. 1	Y		9 tpy on a facility-wide basis	BAAQMD Condition #7216, part J. 2 and 3	P/Annual	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - L
Applicable Limits and Compliance Monitoring Requirements
S171 – TANDEM COLD MILL

Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of Operation	BAAQMD Condition #7216, part D. 3	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition ~~#20791~~ 21254, part 2, part 3	P/M	Inlet Pressure ~~Drop~~ Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition ~~#20791~~ 21254, part 3	P/M	Visual Observation
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition ~~#20791~~ 21254, part 2, part 3	P/M	Inlet Pressure ~~Drop~~ Inspection
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition ~~#20791~~ 21254, part 3	P/M	Visual Observation
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition ~~#20791~~ 21254, part 2, part 3	P/M	Inlet Pressure ~~Drop~~ Inspection

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - L
Applicable Limits and Compliance Monitoring Requirements
S171 – TANDEM COLD MILL

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition ~~#20791~~ 21254, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
PM10	BAAQMD Condition #7216, part D. 4	Y		1.642 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
Organic compounds	BAAQMD 8-2-301	Y		Not more than ~~10~~ 15 lbs/day VOC and not more than 300 ppmdv as C1 (either but not both can be exceeded)	BAAQMD Condition #7216, parts M. 1 and 2	P/5 years	Source test
	BAAQMD Condition #7216, part D. 1	Y		Maximum of 0.3 % VOC by weight	BAAQMD Condition #7216, part D. 2	P/E	Record keeping
	BAAQMD Condition #7216, part D. 4	Y		2.42 lb/hr VOC	BAAQMD Condition #7216, parts M. 1 and 2	P/5 years	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - M
Applicable Limits and Compliance Monitoring Requirements
S173 - HCD ALKALINE CLEANER

Type of Limit	Citation of Limit	Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - M
Applicable Limits and Compliance Monitoring Requirements
S173 - HCD ALKALINE CLEANER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
PM10	BAAQMD Condition #7216, part E. 1	Y		0.035 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test

Table VII - N
Applicable Limits and Compliance Monitoring Requirements
S174 - KM CONTINUOUS ANNEALING FURNACE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N	
FP	BAAQMD 6-310.3	Y		0.15 gr/dscf @ 6% oxygen		N	
SO2	BAAQMD Regulation 9-1-301	Y		ground level concentrations shall not exceed: 0.5 ppm for 3 consecutive minutes AND 0.25 ppm averaged over 60 consecutive minutes AND 0.05 ppm averaged over 24 hours		N	

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - N
Applicable Limits and Compliance Monitoring Requirements
S174 - KM CONTINUOUS ANNEALING FURNACE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Regulation 9-1-302	Y		300 ppmdv		N	
NOx	BAAQMD Condition #7216, part F. 1	Y		Not to exceed 100 lbs/day from S174 plus S177	BAAQMD Condition #7216, part F. 2	C	CEMs
	BAAQMD Condition #7216, part F. 4	Y		Not to exceed, except during cold startup and furnace idling, 10 ppm at 3% oxygen or 90% reduction by weight or 80% reduction by weight if running thin gauge	BAAQMD Condition #7216, part F. 2	C	CEMs

Table VII - O
Applicable Limits and Compliance Monitoring Requirements
S176 - ROLL ETCH MACHINE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of Operation	BAAQMD Condition #7216, part H. 3	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - O
Applicable Limits and Compliance Monitoring Requirements
S176 - ROLL ETCH MACHINE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20790~~**20780**, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20790~~**20780**, part 3	P/M	Visual Observation
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20790~~**20780**, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20790~~**20780**, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20790~~**20780**, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20790~~**20780**, part 3	P/M	Visual Observation
PM10	BAAQMD Condition #7216, part H. 2	Y		0.01 grain/dscf	BAAQMD Condition #~~20790~~**20780**, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD Condition #7216, part H. 2	Y		0.01 grain/dscf	BAAQMD Condition #~~20790~~**20780**, part 3	P/M	Visual Observation

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - P
Applicable Limits and Compliance Monitoring Requirements
S177 - IRON OXIDE PRODUCTION ROASTER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of Operation	BAAQMD Condition #7216, part G. 9	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/A	Record keeping
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - P
Applicable Limits and Compliance Monitoring Requirements
S177 - Iron Oxide Production Roaster

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
PM10	BAAQMD Condition #7216, part G. 10	Y		0.46 lbs/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
SO2	BAAQMD Regulation 9-1-301	Y		ground level concentrations shall not exceed: 0.5 ppm for 3 consecutive minutes AND 0.25 ppm averaged over 60 consecutive minutes AND 0.05 ppm averaged over 24 hours		N	
	BAAQMD Regulation 9-1-302	Y		300 ppmdv		N	
NOx	BAAQMD Condition #7216, part G. 1	Y		Not to exceed 100 lbs/day from S174 plus S177	BAAQMD Condition #7216, part G. 2	C	CEMs
HCl	BAAQMD Condition #7216, part G. 5	Y		2 ppmv	BAAQMD Condition #7216, part L. 1	P/2 1/2 years	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - P
Applicable Limits and Compliance Monitoring Requirements
S177 - Iron Oxide Production Roaster

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #7216, part J. 1	Y		9 tpy on a facility-wide basis	BAAQMD Condition #7216, part J. 2 and 3	P/2 1/2 years	Source test

Table VII - Q
Applicable Limits and Compliance Monitoring Requirements
S178 - Iron Oxide Silo #1
S179 - Iron Oxide Bagging Station
S182 - Iron Oxide Silo #2

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of Operation	BAAQMD Condition #7216, part G. 9	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
		Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
		Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part L. 1	P/5 years	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - Q
Applicable Limits and Compliance Monitoring Requirements
S178 - Iron Oxide Silo #1
S179 - Iron Oxide Bagging Station
S182 - Iron Oxide Silo #2

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
		Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
		Y		0.15 gr/dscf	BAAQMD Condition #7216, part L. 1	P/5 years	Source test
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
		Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
		Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #7216, part L. 1	P/5 years	Source test
PM10	BAAQMD Condition #7216, part G. 10	Y		0.46 lbs/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test
HCl	BAAQMD Condition #7216, part G. 5	Y		2 ppmv	BAAQMD Condition #7216, part L. 1	P/2 1/2 years	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - Q
Applicable Limits and Compliance Monitoring Requirements
S178 - IRON OXIDE SILO #1
S179 - IRON OXIDE BAGGING STATION
S182 - IRON OXIDE SILO #2

Type of	Citation of	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring
	BAAQMD Condition #7216, part J. 1	Y		9 tpy on a facility-wide basis	BAAQMD Condition #7216, part J. 2 and 3	P/2 1/2 years	Source test

Table VII - R
Applicable Limits and Compliance Monitoring Requirements
S180 - ACID GAS ADSORBER #1
S181 - ACID GAS ADSORBER #2

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of Operation	BAAQMD Condition #7216, part G. 9	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition ~~#20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition ~~#20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K3	P/5 years	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - R
Applicable Limits and Compliance Monitoring Requirements
S180 - ACID GAS ADSORBER #1
S181 - ACID GAS ADSORBER #2

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition ~~#20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition ~~#20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K3	P/5 years	Source test
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition ~~#20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition ~~#20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #7216, part K3	P/5 years	Source test
PM10	BAAQMD Condition #7216, part G. 10	Y		0.46 lbs/hr	BAAQMD Condition #7216, part K3	P/5 years	Source test
HCl	BAAQMD Condition #7216, part G. 5	Y		2 ppmv	BAAQMD Condition #7216, part L. 1	P/2 1/2 years	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - R
Applicable Limits and Compliance Monitoring Requirements
S180 - ACID GAS ADSORBER #1
S181 - ACID GAS ADSORBER #2

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #7216, part J. 1	Y		9 tpy on a facility-wide basis	BAAQMD Condition #7216, part J. 2 and 3	P/2 1/2 years	Source test

Table VII - S
Applicable Limits and Compliance Monitoring Requirements
S190, S191, S194 THROUGH S196, S202, S206, S208, S210, S214, S215, S218 - COLD CLEANERS

Type of Limit	Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Organic com-pounds	BAAQMD Condition #16920, part 1	Y		Net solvent usage of certain solvents not to exceed 150 gallons per 12 months	BAAQMD Condition #16920, part 3	P/M	Record keeping
	BAAQMD Condition #16920, part 2	Y		Allowed usage of other solvents provided POC and NPOC emissions each less than 1,000 pounds per 12 months	BAAQMD Condition #16920, part 3	P/M	Record keeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - T
Applicable Limits and Compliance Monitoring Requirements
S217 - COLD CLEANER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Organic com-pounds	BAAQMD Condition #12790, part 1	Y		Net solvent usage of Safety Kleen solvents not to exceed 55 gallons per 12 months	BAAQMD Condition #12790, part 3	P/M	Record keeping
	BAAQMD Condition #12790, part 2	Y		Allowed usage of other solvents provided POC plus NPOC emissions less than 358 pounds per 12 months	BAAQMD Condition #12790, part 3	P/M	Record keeping

Table VII - U
Applicable Limits and Compliance Monitoring Requirements
S285 - COLD CLEANER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type
Organic com-pounds	BAAQMD Condition #6818, part 1	Y		Net solvent usage of Safety Kleen solvents not to exceed 200 gallons per 12 months	BAAQMD Condition #6818, part 3	P/M	Record keeping
	BAAQMD Condition #6818, part 2	Y		Allowed usage of other solvents provided POC plus NPOC emissions less than 1,340 pounds per 12 months	BAAQMD Condition #6818, part 3	P/M	Record keeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - V
Applicable Limits and Compliance Monitoring Requirements
S286 - #1 CRU Evaporator - TFS Operation
S287 - #2 Evaporator - ETL Lines

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 2, part 3	P/M	Pressure Drop Inspection
	BAAQMD 6-311	Y		$4.10P^{0.67}$ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #~~20791~~20781, part 3	P/M	Visual Observation
Hexa-valent chromium	BAAQMD Condition #12194, part 1	Y		0.87 lbs/yr	BAAQMD Condition #12194, part 3	P/M	Recordkeeping
	BAAQMD Condition #12194, part 1	Y		0.87 lbs/yr	BAAQMD Condition #12194, part 2	P/2 years	Source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - W
Applicable Limits and Compliance Monitoring Requirements
S289 - #1 Continuous Galvanize Line-Strip Stenciller

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Organic com-pounds	BAAQMD 8-4-302.1	Y		5 tpy of POC plus NPOC	BAAQMD 8-4-501	P/Annual	Recordkeeping
	BAAQMD 8-20-110	Y		< 175 pounds of POC plus NPOC per month	BAAQMD 8-20-507	P/Monthly	Recordkeeping
	BAAQMD Condition #13634, part 1	Y		Combined net usage with S290 of: 900 gpy Matthews ink 60 gpy Pannier ink 5 gpy Marsh dye 60 gpy Matthews cleaner 180 gpy Pannier solvent	BAAQMD Condition #13634, part 3	P/Q	Recordkeeping
	BAAQMD Condition #13634, part 2	Y		Optional emission allowance of 7,800 lbs/yr with S290	BAAQMD Condition #13634, part 3	P/Q	Recordkeeping

Table VII - X
Applicable Limits and Compliance Monitoring Requirements
S290 - #2 Continuous Galvanize Line-Strip Stenciller

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Organic com-pounds	BAAQMD 8-4-302.1	Y		5 tpy of POC plus NPOC	BAAQMD 8-4-501	P/Annual	Recordkeeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - X
Applicable Limits and Compliance Monitoring Requirements
S290 - #2 Continuous Galvanize Line-Strip Stenciller

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #13634, part 1	Y		Combined net usage with S289 of: 900 gpy Matthews ink 60 gpy Pannier ink 5 gpy Marsh dye 60 gpy Matthews cleaner 180 gpy Pannier solvent	BAAQMD Condition #13634, part 3	P/Q	Recordkeeping
	BAAQMD Condition #13634, part 2	Y		Optional emission allowance of 7,800 lbs/yr with S289	BAAQMD Condition #13634, part 3	P/Q	Recordkeeping

Table VII - Y
Applicable Limits and Compliance Monitoring Requirements
S292 - KMCAL Horizontal Electrostatic Oiler

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Organic com-pounds	BAAQMD 8-11-303	Y		Not more than 1.7 lb VOC/gal OR	BAAQMD 8-11-501	P/Daily	Recordkeeping
	BAAQMD 8-11-304	Y		Abatement to no more than 1.0 lb VOC/gal and abatement device efficiency of at least 90%	BAAQMD 8-11-501	P/Daily	Recordkeeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - Y
Applicable Limits and Compliance Monitoring Requirements
S292 - KMCAL Horizontal Electrostatic Oiler

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 8-11-304	Y		Abatement to no more than 1.0 lb VOC/gal and abatement device efficiency of at least 90%	BAAQMD Condition #16682, part 8	P/M	Voltage and current monitoring
	BAAQMD 8-11-304	Y		Abatement to no more than 1.0 lb VOC/gal and abatement device efficiency of at least 90%	BAAQMD Condition #16682, part 8	P/M	Visual Observation
	BAAQMD Condition #16682, part 3	Y		Control to no more than 0.05 lb/gal	BAAQMD Condition #16682, part 5	P/2 years	Source test
	BAAQMD Condition #16682, part 3	Y		Control to no more than 0.05 lb/gal	BAAQMD Condition #16682, part 8	P/M	Voltage and current monitoring
	BAAQMD Condition #16682, part 3	Y		Control to no more than 0.05 lb/gal	BAAQMD Condition #16682, part 8	P/M	Visual Observation
	BAAQMD Condition #16682, part 1	Y		Combined net usage of: 35,000 gpy Ferrocote EGL 12,000 gpy Ferrocote HCL	BAAQMD Condition #16682, part 4	P/M	Recordkeeping
	BAAQMD Condition #16682, part 2	Y for POC		Optional emission allowance of 1.175 tpy each for POC and NPOC	BAAQMD Condition #16682, part 4	P/M	Recordkeeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - Y
Applicable Limits and Compliance Monitoring Requirements
S292 - KMCAL Horizontal Electrostatic Oiler

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #16682, part 2	Y		Optional emission allowance of 1.175 tpy each for POC and NPOC	BAAQMD Condition #16682, part 5	P/2 years	Source test

Table VII - Z
Applicable Limits and Compliance Monitoring Requirements
S293 - Emergency Standby Generator-TWTP, diesel fueled
S294 - Emergency Standby Generator-KMCAL, diesel fueled
S295 - Emergency Generator-Filter Plant, diesel fueled
S296 - Standby Generator - #2 CC Line, diesel fueled
S297 - Emergency Standby Generator-Computer Bldg, diesel fueled

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-303	Y		Ringelmann No. 2 for < 3 minutes/hour		N	
FP	BAAQMD Regulation 6-310	Y		$\leq$ 0.15 grains/dscf		N	
SO_2	BAAQMD Regulation 9-1-301	Y		Property Line Ground Level Limits: $\leq$ 0.5 ppm for 3 minutes and $\leq$ 0.25 ppm for 60 min. and $\leq$0.05 ppm for 24 hours		N	
SO_2	BAAQMD Regulation 9-1-304	Y		Fuel Sulfur Limit: 0.5%	BAAQMD Condition # 18554, Part 4	P/E	Vendor certification

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - Z
Applicable Limits and Compliance Monitoring Requirements
S293 - Emergency Standby Generator-TWTP, diesel fueled
S294 - Emergency Standby Generator-KMCAL, diesel fueled
S295 - Emergency Generator-Filter Plant, diesel fueled
S296 - Standby Generator - #2 CC Line, diesel fueled
S297 - Emergency Standby Generator-Computer Bldg, diesel fueled

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Operating Hours	BAAQMD Regulation 9-8-330.2 and BAAQMD Condition # 18544, Part 1	N		Operating Hours for Reliability-Related Activities: ≤ 100 hours in a calendar year	BAAQMD Regulation 9-8-530 and BAAQMD Condition # 18554, Parts 2 and 3a	P/C, M	Meter to record operating hours

Table VII - AA
Applicable Limits and Compliance Monitoring Requirements
S299 - Diesel Fire Pump Packaged System, 2500 gpm, diesel fueled

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-303	Y		Ringelmann No. 2 for < 3 minutes/hour		N	
FP	BAAQMD Regulation 6-310	Y		≤ 0.15 grains/dscf		N	
SO_2	BAAQMD Regulation 9-1-301	Y		Property Line Ground Level Limits: ≤ 0.5 ppm for 3 minutes and ≤ 0.25 ppm for 60 min. and ≤0.05 ppm for 24 hours		N	

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - AA
Applicable Limits and Compliance Monitoring Requirements
S299 - Diesel Fire Pump Packaged System, 2500 gpm, diesel fueled

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO_2	BAAQMD Regulation 9-1-304	Y		Fuel Sulfur Limit: 0.5%	BAAQMD Condition # 19380, Part 1	P/E	Vendor certification
		Y		Fuel Sulfur Limit: 0.05%	BAAQMD Condition # 19380, Part 1	P/E	Vendor certification
Operating Hours	BAAQMD Regulation 9-8-330.2 and BAAQMD Condition # 19380, Part 2	N		Operating Hours for Reliability-Related Activities: $\leq$ 26 hours in a calendar year	BAAQMD Regulation 9-8-530 and BAAQMD Condition # 19380, Parts 3 and 4a	P/C, M	Meter to record operating hours

Table VII - BB
Applicable Limits and Compliance Monitoring Requirements
S300 THROUGH 312 - SOLVENT CLEANERS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Organic com-pounds	BAAQMD Condition #20866, part 1	Y		Methylated siloxane usage not to exceed 40 gallons per 12 months	BAAQMD Condition #20866, part 3	P/M	Record keeping

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - BB
Applicable Limits and Compliance Monitoring Requirements
S300 THROUGH 312 - SOLVENT CLEANERS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #20866, part 2	Y		Allowed usage of other NPOC solvents provided NPOC emissions less than 4,108 pounds per 12 months for all sources	BAAQMD Condition #20866, part 3	P/M	Record keeping

Table VII - CC
Applicable Limits and Compliance Monitoring Requirements
S400 - Contaminated Soils (SWMUs) – "Out"
S401 - Contaminated Soils (CAMU) – "In"

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD Regulation 6-301	Y		Ringelmann No. 1 for < 3 minutes/hour		N	
	BAAQMD Condition# 20038, Part 2	Y		Ringelmann No. 0.5 for < 3 minutes/hour		N	

VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally found in Section 600 et seq. of the regulation. The following table indicates only the test methods associated with the emission limits included in Section VII, Applicable Limits & Compliance Monitoring Requirements, of this permit.

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-303	Ringelmann No. 2 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling
BAAQMD 6-311	General Operations	Manual of Procedures, Volume IV, ST-15, Particulates Sampling
BAAQMD 8-1-110.3	Exemption, Process Subject to Regulation 8, Rule 2 or 4	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling or EPA Method 25, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer or 25A, Determination of Total Gaseous Organic Concentration Using a Nondispersive Infrared Analyzer
BAAQMD 8-4-112	Exemption, Organic Diluents	Manual of Procedures, Volume III, Method 9, Determination of Compliance of Solvents, Coatings, and Related Products
BAAQMD 8-4-302	Limitation on Solvents and Surface Coatings (3/17/82)	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling
BAAQMD 8-7-301.1	Phase I Requirements	Manual of Procedures, Volume III, Method 13, Determination of the Reid Vapor Pressure of Petroleum Products
BAAQMD 8-7-301.2	Phase I Requirements	Manual of Procedures, Volume IV, ST-36, Gasoline Dispensing Facility Phase I Volumetric Efficiency
BAAQMD 8-7-301.6	Phase I Requirements	Manual of Procedures, Volume IV, ST-30, Gasoline Vapor Recovery Leak Test Procedure
BAAQMD 8-7-302.1	Phase II Requirements	Manual of Procedures, Volume III, Method 13, Determination of the Reid Vapor Pressure of Petroleum Products
BAAQMD 8-7-302.5	Phase II Requirements	Manual of Procedures, Volume IV, ST-30, Gasoline Vapor Recovery Leak Test Procedure

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 8-7-311	Exempt Tank Requirements	Manual of Procedures, Volume III, Method 13, Determination of the Reid Vapor Pressure of Petroleum Products
BAAQMD 8-7-312	Removal of Gasoline	Manual of Procedures, Volume III, Method 13, Determination of the Reid Vapor Pressure of Petroleum Products
BAAQMD 8-7-404	Certification of New Installations	Manual of Procedures, Volume IV, ST-27, Gasoline Dispensing Facility Dynamic Back Pressure
BAAQMD 8-8-112	Exemption, Wastewater Critical OC Concentration. and/or Temperature	Manual of Procedures, Volume III, Method 33, Determination of Dissolved Critical Volatile Organic Compounds in Wastewater Separators
BAAQMD 8-8-303	Gauging and Sampling Devices	EPA Method 21, Determination of Volatile Organic Compound Leaks
BAAQMD 8-8-305.2	Oil-water Separator and/or Air Flotation Unit Slop Oil Vessels	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling or EPA Method 25, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer or 25A, Determination of Total Gaseous Organic Concentration Using a Nondispersive Infrared Analyzer
BAAQMD 8-16-114	Exemption, Emulsion or Solution Cleaners	Manual of Procedures, Volume III, Method 31, Determination of Precursor Organic Compounds in Paint Strippers for Aerospace Assembly and Component Coating Operations
BAAQMD 8-16-205	Compounds with Low Volatility	ASTM D-1078-78, Standard Test Method for Distillation Range of Volatile Organic Liquids
BAAQMD 8-16-303.1.4	Waste Solvent Residues	Manual of Procedures, Volume III, Method 21, Determination of Compliance of Volatile Organic Compounds for Water Reducible Coatings or Manual of Procedures, Volume III, Method 22, Determination of Compliance of Volatile Organic Compounds for Solvent Based Coatings
BAAQMD 8-19-210	Pretreatment Wash Primer	ASTM Method D-1613-85, Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer, and Related Products

VIII. Test Methods

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 8-19-302	Limits	Manual of Procedures, Volume III, Method 21, Determination of Compliance of Volatile Organic Compounds for Water Reducible Coatings or Manual of Procedures, Volume III, Method 22, Determination of Compliance of Volatile Organic Compounds for Solvent Based Coatings Manual of Procedures, Volume III, Method 31, Determination of Precursor Organic Compounds in Paint Strippers for Aerospace Assembly and Component Coating Operations
BAAQMD 8-19-312	Specialty Coating Limitations	Manual of Procedures, Volume III, Method 21, Determination of Compliance of Volatile Organic Compounds for Water Reducible Coatings or Manual of Procedures, Volume III, Method 22, Determination of Compliance of Volatile Organic Compounds for Solvent Based Coatings
BAAQMD 8-19-313	Spray Application Equipment Limitations	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, or EPA Method 25, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer or 25A, Determination of Total Gaseous Organic Concentration Using a Nondispersive Infrared Analyzer
BAAQMD 9-1-302	General Emission Limitation	Manual of Procedures, Volume IV, ST-19A, Sulfur Dioxide, Continuous Sampling, or ST-19B, Total Sulfur Oxides Integrated Sample
BAAQMD 9-1-304	Fuel Burning (Liquid and Solid Fuels)	Manual of Procedures, Volume III, Method 10, Determination of Sulfur in Fuel Oils.
BAAQMD 11-8-403	Demonstration of Compliance, Hexavalent Chrome Plating Standard	Manual of Procedures, Volume IV, ST-35, Total and Hexavalent Chromium
BAAQMD 11-8-404	Initial Demonstration of Compliance, Hexavalent Chrome Plating Standard	Manual of Procedures, Volume IV, ST-35, Total and Hexavalent Chromium
BAAQMD Condition #7216, Part L. 1	HCl Emission Concentration Determination	EPA Method 26A, "Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources – Isokinetic Method

IX. PERMIT SHIELD

Not applicable

X. REVISION HISTORY

Final Title V Permit: December 1, 2003

Administrative Amendment: To Be Determined

- Replaced permit condition for A29 with new condition identification number 21254.
- Changed permit condition numbers 20790 and 20791 to 20780 and 20781, respectively.
- Changed "HCl" in Permit Condition 7216, Part M2a to "POC."
- Changed organic compound limit in Table VII-L from 10 lbs/day to 15 lbs/day.
- Increased temperature in Permit Condition 7216, Part F3 from 375 to 392 degrees Fahrenheit
- Added Section X Revision History and renumbered subsequent sections.

XI. GLOSSARY

ACT
Federal Clean Air Act

APCO
Air Pollution Control Officer

ARB
Air Resources Board

BAAQMD
Bay Area Air Quality Management District

BACT
Best Available Control Technology

BARCT
Best Available Retrofit Control Technology

Basis
The underlying authority that allows the District to impose requirements.

C5
An Organic chemical compound with five carbon atoms

C6
An Organic chemical compound with six carbon atoms

CAA
The federal Clean Air Act

CAAQS
California Ambient Air Quality Standards

CAPCOA
California Air Pollution Control Officers Association

CEQA
California Environmental Quality Act

CEM
A "continuous emission monitor" is a monitoring device that provides a continuous direct measurement of some pollutant (e.g. NOx concentration) in an exhaust stream.

CFR
The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal

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environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

CO
Carbon Monoxide

CO2
Carbon Dioxide

Cumulative Increase
The sum of permitted emissions from each new or modified source since a specified date pursuant to BAAQMD Rule 2-1-403, Permit Conditions (as amended by the District Board on 7/17/91) and SIP Rule 2-1-403, Permit Conditions (as approved by EPA on 6/23/95). Used to determine whether threshold-based requirements are triggered.

DC
Direct Current

DWT
Dead Weight Ton

District
The Bay Area Air Quality Management District

dscf
Dry Standard Cubic Feet

dscm
Dry Standard Cubic Meter

E 6, E 9, E 12
Very large or very small number values are commonly expressed in a form called scientific notation, which consists of a decimal part multiplied by 10 raised to some power. For example, 4.53 E 6 equals (4.53) x (10^6) = (4.53) x (10 x 10 x 10 x 10 x 10 x 10) = 4,530,000. Scientific notation is used to express large or small numbers without writing out long strings of zeros.

EPA
The federal Environmental Protection Agency.

Excluded
Not subject to any District Regulations.

Federally Enforceable, FE
All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part

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52.21 (PSD), Part 60 (NSPS), Part 61 (NESHAPs), Part 63 (HAP), and Part 72 (Permits Regulation, Acid Rain), and also including limitations and conditions contained in operating permits issued under an EPA-approved program that has been incorporated into the SIP.

FP
Filterable Particulate as measured by BAAQMD Method ST-15, Particulate.

FR
Federal Register

GDF
Gasoline Dispensing Facility

GLM
Ground Level Monitor

grains
1/7000 of a pound

HAP
Hazardous Air Pollutant. Any pollutant listed pursuant to Section 112(b) of the Act. Also refers to the program mandated by Title I, Section 112, of the Act and implemented by 40 CFR Part 63.

H2S
Hydrogen Sulfide

H2SO4
Sulfuric Acid

Hg
Mercury

HHV
Higher Heating Value. The quantity of heat evolved as determined by a calorimeter where the combustion products are cooled to 60F and all water vapor is condensed to liquid.

LHV
Lower Heating Value. Similar to the higher heating value (see HHV) except that the water produced by the combustion is not condensed but retained as vapor at 60F.

Major Facility
A facility with potential emissions of: (1) at least 100 tons per year of any regulated air pollutant, (2) at least 10 tons per year of any single hazardous air pollutant, and/or (3) at least 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity of hazardous air pollutants as determined by the EPA administrator.

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MFR
Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the Act and implemented by District Regulation 2, Rule 6.

MOP
The District's Manual of Procedures

MSDS
Material Safety Data Sheet

NA
Not Applicable

NAAQS
National Ambient Air Quality Standards

NESHAPs
National Emission Standards for Hazardous Air Pollutants. See in 40 CFR Parts 61 and 63.

NMHC
Non-methane Hydrocarbons

NMOC
Non-methane Organic Compounds (Same as NMHC)

NOx
Oxides of nitrogen.

NSPS
Standards of Performance for New Stationary Sources. Federal standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the Act, and implemented by 40 CFR Part 60 and District Regulation 10.

NSR
New Source Review. A federal program for pre-construction review and permitting of new and modified sources of air pollutants for which the District is classified "non-attainment". Mandated by Title I of the Clean Air Act and implemented by 40 CFR Parts 51 and 52 as well as District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

O2
The chemical name for naturally-occurring oxygen gas.

Offset Requirement
A New Source Review requirement to provide federally enforceable emission offsets at a

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specified ratio for the emissions from a new or modified source and any pre-existing cumulative increase minus any onsite contemporaneous emission reduction credits. Applies to emissions of POC, NOx, PM10, and SO2.

Phase II Acid Rain Facility
A facility that generates electricity for sale through fossil-fuel combustion and is not exempted by 40 CFR 72 from Titles IV and V of the Clean Air Act.

POC
Precursor Organic Compounds

PM
Total Particulate Matter

PM10
Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

PSD
Prevention of Significant Deterioration. A federal program for permitting new and modified sources of air pollutants for which the District is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the Act and implemented by both 40 CFR Part 52 and District Regulation 2, Rule 2.

SCR
A "selective catalytic reduction" unit is an abatement device that reduces NOx concentrations in the exhaust stream of a combustion device. SCRs utilize a catalyst, which operates at a specific temperature range, and injected ammonia to promote the conversion of NOx compounds to nitrogen gas.

SIP
State Implementation Plan. State and District programs and regulations approved by EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the Act.

SO2
Sulfur dioxide

SO3
Sulfur trioxide

THC
Total Hydrocarbons (NMHC + Methane)

therm
100,000 British Thermal Unit

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Title V
Title V of the federal Clean Air Act. Requires a federally enforceable operating permit program for major and certain other facilities.

TOC
Total Organic Compounds (NMOC + Methane, Same as THC)

TRMP
Toxic Risk Management Plan

TRS
"Total reduced sulfur" is a measure of the amount of sulfur-containing compounds in a gas stream, typically a fuel gas stream, including, but not limited to, hydrogen sulfide. The TRS content of a fuel gas determines the concentration of SO2 that will be present in the combusted fuel gas, since sulfur compounds are converted to SO2 by the combustion process.

TSP
Total Suspended Particulate

TVP
True Vapor Pressure

TWTP
Terminal Water Treatment Plant

VOC
Volatile Organic Compounds

Units of Measure:

bbl	=	barrel of liquid (42 gallons)
bhp	=	brake-horsepower
btu	=	British Thermal Unit
C	=	degrees Celsius
F	=	degrees Fahrenheit
f^3	=	cubic feet
g	=	grams
gal	=	gallon
gpd	=	gallons per day

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gph	=	gallons per hour
gpm	=	gallons per minute
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inches
kgtm	=	1000 gross ton miles
max	=	maximum
m^2	=	square meter
min	=	minute
M	=	thousand
Mg	=	mega-gram, one thousand grams
□g	=	micro-gram, one millionth of a gram
MM	=	million
mm	=	millimeter
MMbtu	=	million btu
mm Hg	=	millimeters of Mercury (pressure)
MW	=	megawatts
ppmv	=	parts per million, by volume
ppmw	=	parts per million, by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
scfh	=	standard cubic feet per hour
scfm	=	standard cubic feet per minute
tph	=	tons per hour
yr	=	year

Symbols:

$<$	=	less than
$>$	=	greater than
$\leq$	=	less than or equal to
$\geq$	=	greater than or equal to

XII. APPLICABLE STATE IMPLEMENTATION PLAN

The Bay Area Air Quality Management District's portion of the State Implementation Plan can be found at EPA Region 9's website. The address is:

http://yosemite1.epa.gov/r9/r9sips.nsf/California?ReadForm&Start=1&Count=30&Expand=3.1