

USS-POSCO INDUSTRIES



P.O. Box 471
Pittsburg, California 94565

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BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

December 29, 2017

Director of Compliance and Enforcement
Bay Area Air Quality Management District
375 Beale Street Suite #600
San Francisco, California 94105
Attention: Title V Reports

TITLE V

Subject: Semi-Annual Monitoring Report June 1, 2017 – November 30, 2017

Dear Sir or Madam:

Pursuant to the Major Facility Review Permit issued to USS-POSCO Industries (UPI) in December 2012 and the requirements of Standard Condition F, UPI hereby submits one copy of the semi-annual Monitoring Report for the above noted time period. During this time period, there was one (1) instance of non-compliance, please see comments box on Table VII-E.

I certify that the information contained in this submittal is true, accurate, and complete. I certify that this submittal was prepared at my direction in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted.

If you have any questions please call me at (925) 439-6316.

Sincerely,

A handwritten signature in black ink, appearing to read 'Freddy Ripoli'.

Freddy Ripoli
Group Manager - Environmental Health & Safety

Enclosure

USS POSCO INDUSTRIES
Facility # A2371

SEMI-ANNUAL MONITORING REPORT
OF
APPLICABLE LIMITS
AND
MONITORING REQUIREMENTS

For the Period:
June 1, 2017 – November 30, 2017

Facility Address:
900 Loveridge Road
Pittsburg, CA 94565

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

Responsible Official
Rod Simpson, interim Vice President
Operations, Environmental & Technology
(925) 439-6410

Facility Contact
Freddy Ripoli, Group Manager – Environmental, Health & Safety
(925) 439-6316

Type of Facility: Production of Rolled Steel Product
Primary SIC: 3312
Product: Steel coils finished by pickling, cold-rolling, cleaning, annealing, tempering, tin-plating, and/or galvanizing.
BAAQMD Contact: Joseph Camarena, Air Quality Engineer

Table VII below is a listing of all applicable limits and compliance monitoring requirements taken from the USS POSCO Industries Major Facility Review Permit dated December 21, 2012. All monitoring requirements are listed in the table and the monitoring frequency column indicates the frequency of monitoring required. Two columns have been added to the table. Monitoring Status and Comments, to reflect the status of each requirement. The following is a list of abbreviations used as per the Major Facility Review Permit:

- (P) – Periodic Monitoring Required
- (C) – Continuous Monitoring Required
- (A) – Annual Monitoring Required
- (Q) – Quarterly Monitoring Required
- (M) – Monthly Monitoring Required
- (W) - Weekly
- (D) - Daily
- (H) – Hourly
- (E) – On an Event basis
- (N) – No Monitoring Required

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S43 #1 CONTINUOUS ANNEALING LINE – ANNEALING FURNACE
S70 #2 CONTINUOUS GALVANIZING LINE - 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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N		In Compliance	
FP	BAAQMD 6-310.3	Y		0.15 gr/dscf @ 6% oxygen		N		In Compliance	
SO ₂	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		In Compliance	
	BAAQMD Regulation 9-1-302	Y		300 ppmdv		N		In Compliance	

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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N		In Compliance	Line idled since Oct. 2008
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		In Compliance	Line idled since Oct. 2008
Arsenic and Cadmium	BAAQMD 11-15-93107(e)(2)	N		<0.002% arsenic and <0.004% cadmium	BAAQMD 11-15-93107(e)(2)	P/Each batch	Vendor certification	In Compliance	Vendor Certificates of Analysis on file. Line idled since Oct. 2008
Steel Through-put	BAAQMD Condition #7216, part 1.1	Y		218,776 tons/yr	BAAQMD Condition #7216, part 1.2	P/D	Record keeping	In Compliance	Records maintained in Environmental database. Line idled since Oct. 2008

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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N		In Compliance	

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	Monitoring Status	Comments
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		In Compliance	
Arsenic and Cadmium	BAAQMD 11-15-93107(c)(2)	N		<0.002% arsenic and <0.004% cadmium	BAAQMD 11-15-93107(c)(2)	P/Each batch	Vendor certification	In Compliance	Vendor Certificates of Analysis on file.

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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N		In Compliance	
FP	BAAQMD 6-310	Y		0.15 gr/dscf		N		In Compliance	
	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		In Compliance	

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	Monitoring Status	Comments
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	In Compliance	Pressure drop readings maintained in Environmental database.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD 11-8-93102 (e)(2) plus (h)(4)	P/Weekly	Pressure drop monitoring	In Compliance	Pressure drop readings maintained in Environmental database.
	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	In Compliance	Pressure drop readings maintained in Environmental database.
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	In Compliance	Amp-hr readings maintained in Environmental database.
	BAAQMD 11-8-93102(c)(2)	Y		0.01 mg/dscm of air	BAAQMD 11-8-93102 (e)(1) plus (h)(4)	P/Weekly	Pressure drop monitoring	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 11-8-93102(c)(2)	Y		0.01 mg/dscm of air	BAAQMD Condition #7579, part 6	P/Every two years	Source test	In Compliance	ETL #1 has not run timplat since 3/2015, so S82 has not been operational. S93 source test performed 12/14/17. S155 source test performed 7/21/17.

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	Monitoring Status	Comments
	BAAQMD Condition #7579, part 3	Y		0.006 mg/amp-hr	BAAQMD Condition #7579, part 6	P/Every two years	Source test	In Compliance	ETL #1 has not run tinplate since 3/2015, so S82 has not been operational. S93 source test performed 10/12/17, exceedance due to damage that was repaired; follow-up test performed 12/14/17, awaiting results. S155 source test performed 7/21/17.
	BAAQMD Condition #7579, part 3	Y		0.006 mg/amp-hr	BAAQMD 11-8-93102(e)(2)	C	Pressure drop monitoring	In Compliance	Pressure drop readings maintained in Environmental database.
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	In Compliance	Amp-hr readings maintained in Environmental database.

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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
		Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
		Y		0.15 gr/dscf	BAAQMD Condition #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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 #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
		Y		4.10P ^{0.67} lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.

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	Monitoring Status	Comments
VOC	BAAQMD 8-8-112	Y		1.0 ppmv critical organic compounds	BAAQMD 8-8-502	P/6 months	Sample analysis	In Compliance	Sample results on file with Environmental.

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	Monitoring Status	Comments
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	In Compliance	Records kept on file in Environmental.
	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	In Compliance	Records kept on file in Environmental.
	BAAQMD 8-19-321	N		50 grams/liter for surface preparation solvent	BAAQMD 8-19-501	P/M	Record keeping	In Compliance	Records kept on file in Environmental.
	BAAQMD 8-32-302	N		275 to 700 grams/liter for coatings	BAAQMD 8-32-501	P/M	Record keeping	In Compliance	Records kept on file in Environmental.
	BAAQMD 8-32-303	N		480 to 700 grams/liter for coatings	BAAQMD 8-32-501	P/M	Record keeping	In Compliance	Records kept on file in Environmental.

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	Monitoring Status	Comments
	BAAQMD 8-45-301	N		250 to 780 grams/liter for coatings	BAAQMD 8-45-501	P/D for specialty coatings and P/W for other coatings	Record keeping	In Compliance	Records kept on file in Environmental.
	BAAQMD 8-45-308	N		72 grams/liter for surface preparation solvent except 780 grams per liter if plastic parts	BAAQMD 8-45-501	P/M	Record keeping	In Compliance	Records kept on file in Environmental.

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	Monitoring Status	Comments
Gasoline Throughput	BAAQMD Condition #24278	N		26,107 gallons per 12-month period	BAAQMD 8-7-503.1	P/A	Records	In Compliance	Records maintained in Environmental database.
Throughput (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	In Compliance	There have been no events.

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

Type of Limit	Citation of Limit	FE V/N	Future Effective Date	Limit	Monitoring	Monitoring	Monitoring	Monitoring	Comments
					Requirement Citation	Frequency (P/C/N)	Type	Status	
Organic Compounds	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	In Compliance	Test records kept on file in Environmental.
Organic Compounds	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	In Compliance	Test records kept on file in Environmental.

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

Type of Limit	Citation of Limit	FE V/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
Hours of Operation	BAAQMD Condition #7216, part B.4	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping	In Compliance	Records maintained in Environmental database.

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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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 #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	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 #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
PM10	BAAQMD Condition #7216, part B. 1	Y		0.670 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test performed 2/1/14.

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

Type of Limit	Citation of Limit	EE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
Hours of Operation	BAAQMD Condition #7216, part C.4	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping	In Compliance	Records maintained in Environmental database.
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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 #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	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 #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.

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	Monitoring Status	Comments
PM10	BAAQMD Condition #7216, part C. 3	Y		0.506 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed on 2/11/14.
HCI	BAAQMD Condition #7216, part C. 3	Y		30 ppmv	BAAQMD Condition #7216, part L. 1	P/Annual	Source test	In Compliance	Source test completed on 7/18/17.
	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	In Compliance	Source test completed on 7/18/17.

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	Monitoring Status	Comments
Hours of Operation	BAAQMD Condition #7216, part D. 3	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping	In Compliance	Records maintained in Environmental database.

**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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #21254, part 2, part 3	P/M	Inlet pressure inspection	In Compliance	Records maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #21254, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 1/28/14-1/29/14.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #21254, part 2, part 3	P/M	Inlet pressure inspection	In Compliance	Pressure drop readings maintained in Environmental database
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #21254, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 1/28/14-1/29/14.
	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 #21254, part 2, part 3	P/M	Inlet pressure inspection	In Compliance	Pressure drop readings maintained in Environmental database

**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	Monitoring Status	Comments
	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 #21254, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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	In Compliance	Source test completed 1/28/14-1/29/14.
PM10	BAAQMD Condition #7216, part D. 4	Y		1.642 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 1/28/14-1/29/14.
Organic Compounds	BAAQMD 8-2-301	Y		Not more than 15 lbs/day VOC and not more than 300 ppm _d as Cl (either but not both can be exceeded)	BAAQMD Condition #7216, parts M. 1 and 2	P/5 years	Source test	In Compliance	Source test completed 1/28/14-1/29/14.
	BAAQMD Condition #7216, part D. 1	Y		Maximum of 0.3% VOC by weight	BAAQMD Condition #7216, part D. 2	P/E	Record keeping	In Compliance	There have been no events.
	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	In Compliance	Source test completed 1/28/14-1/29/14.

**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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 10/7/15.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 10/7/15.
	BAAQMD 6-311	Y		4.10P ⁶⁷ lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.

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	Monitoring Status	Comments
	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 #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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	In Compliance	Source test completed 10/7/15.
PM10	BAAQMD Condition #7216, part E. 1	Y		0.035 lb/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 10/7/15.

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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr		N		In Compliance	
FP	BAAQMD 6-310.3	Y		0.15 gr/dscf @ 6% oxygen		N		In Compliance	

**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			Monitoring Status	Comments
					Requirement Citation	Frequency (P/C/N)	Monitoring Type		
SO ₂	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		In Compliance	
	BAAQMD Regulation 9-1-302	Y		300 ppmdv		N		In Compliance	
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	In Compliance	
	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 82% reduction by weight if running thin gauge	BAAQMD Condition #7216, part F. 2	C	CEMS	In Compliance	

**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	Monitoring Status	Comments
Hours of Operation	BAAQMD Condition #7216, part H. 3	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping	In Compliance	Records are maintained in Environmental.
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20780 part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20780 part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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 #20780, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	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 #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.

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	Monitoring Status	Comments
PM10	BAAQMD Condition #7216, part H. 2	Y		0.01 grain/dscf	BAAQMD Condition #20780, part 2, part 3	P/5 years	Source test	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD Condition #7216, part H. 2	Y		0.01 grain/dscf	BAAQMD Condition #20780, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database. Source test completed on 2/6/14.

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	Monitoring Status	Comments
Hours of Operation	BAAQMD Condition #7216, part G. 9	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/A	Record keeping	In Compliance	Records maintained in Environmental database.
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.

**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	Monitoring Status	Comments
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 2/13/14.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781 part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781 part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K. 3	P/5years	Source test	In Compliance	Source test completed 2/13/14.
	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 #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	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 #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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/5years	Source test	In Compliance	Source test completed 2/13/14.

**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		Monitoring Status	Comments	
					Requirement Citation	Frequency (P/C/N)			
PM10	BAAQMD Condition #7216, part G. 10	Y		0.46 lbs/hr	BAAQMD Condition #7216, part K. 3	P/5years	Source test	In Compliance	Source test completed 2/13/14.
SO ₂	BAAQMD Regulation 9-1-301	Y		Ground level concentrations shall not exceed: 0.5ppm for 3 consecutive minutes AND 0.25 ppm averaged over 60 consecutive minutes AND 0.05 ppm averaged over 24 hours		N		In Compliance	
	BAAQMD Regulation 9-1-302	Y		300 ppmdv		N		In Compliance	
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	In Compliance	
HCl	BAAQMD Condition #7216, part G. 5	Y		2 ppmv	BAAQMD Condition #7216, part L. 1	P/2 ½ years	Source test	In Compliance	Source test completed 8/31/16.
	BAAQMD Condition #7216, part J. 1	Y		9 tpy on a facility-wide basis	BAAQMD Condition #7216, part J. 2 and 3	P/2 ½ years	Source test	In Compliance	Source test completed 8/31/16.

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	Monitoring Status	Comments
Hours of Operation	BAAQMD Condition #7216, part G. 9	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping	In Compliance	Records maintained in Environmental database.
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
		Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
		Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part L. 1	P/5 years	Source test	In Compliance	Source test completed 2/13/14.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781 part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
		Y		0.15 gr/dscf	BAAQMD Condition #20781 part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
		Y		0.15 gr/dscf	BAAQMD Condition #7216, part L. 1	P/5 years	Source test	In Compliance	Source test completed 2/13/14.

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/G/N)	Monitoring Type	Monitoring Status	Comments
	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 #20781 part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
		Y		4.10P ^{0.67} lb/hr but not to exceed 40 lb/hr, where P is process weight, ton/hr	BAAQMD Condition #20781 part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
		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	In Compliance	Source test completed 8/31/16.
PM10	BAAQMD Condition #7216, part G. 10	Y		0.46 lbs/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 8/31/16.
HCl	BAAQMD Condition #7216, part G. 5	Y		2 ppmv	BAAQMD Condition #7216, part L. 1	P/2 ½ years	Source test	In Compliance	Source test completed 8/31/16.
	BAAQMD Condition #7216, part J. 1	Y		9 tpy on a facility-wide basis	BAAQMD Condition #7216, part J. 2 and 3	P/2 ½ years	Source test	In Compliance	Source test completed 8/31/16.

**Table VII – R
 Applicable Limits and Compliance Monitoring Requirements
 S180 – ACID GAS ADSORBENT #1
 S181 – ACID GAS ADSORBENT #2**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
Hours of Operation	BAAQMD Condition #7216, part G.9	Y		8640 hours per calendar year	BAAQMD Condition #7216, part N	P/M	Record keeping	In Compliance	Records maintained in Environmental database.
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #7216, part K3	P/5 years	Source test	In Compliance	Source test completed 2/13/14.
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781 part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781 part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #7216, part K3	P/5 years	Source test	In Compliance	Source test completed 2/13/14.

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

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
	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 #20781 part 2, part 3	P/M	Pressure drop inspection	In Compliance	Pressure drop readings maintained in Environmental database.
	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 #20781 part 3	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.
	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	In Compliance	Source test completed 2/13/14.
PM10	BAAQMD Condition #7216, part G. 10	Y		0.46 lbs/hr	BAAQMD Condition #7216, part K. 3	P/5 years	Source test	In Compliance	Source test completed 2/13/14.
HCl	BAAQMD Condition #7216, part G. 5	Y		2 ppmv	BAAQMD Condition #7216, part L. 1	P/2 ½ years	Source test	In Compliance	Source test completed 8/31/16.
	BAAQMD Condition #7216, part J. 1	Y		9 tpy on a facility-wide basis	BAAQMD Condition #7216, part J. 2 and 3	P/2 ½ years	Source test	In Compliance	Source test completed 8/31/16.

Table VII - S
Applicable Limits and Compliance Monitoring Requirements
S190, S195, S202, S206, S210, S215, S305, S308, S311, S317 - COLD CLEANERS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
Organic compounds	BAAQMD Condition #20866, part 1	Y		Net solvent usage of methylated siloxane not to exceed 40 gallons per 12 months	BAAQMD Condition #20866, part 3	P/M	Record keeping	In Compliance	Records maintained in Environmental database.
	BAAQMD Condition #20866, part 2	Y		Allowed usage of other solvents provided POC and NPOC emissions each less than 9,480 pounds per 12 months	BAAQMD Condition #20866, part 3	P/M	Record keeping	In Compliance	Records maintained in Environmental database.

Table VII - T
Applicable Limits and Compliance Monitoring Requirements
S286 - #1 CRU EVAPORATOR - TFS OPERATION
S287 - #2 CRU 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	Monitoring Status	Comments
Opacity	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 2, part 3	P/M	Pressure drop inspection	In Compliance	S286 & S287 are not in operation.
	BAAQMD 6-301	Y		Ringelmann 1.0 for < 3 minutes/hr	BAAQMD Condition #20781, part 3	P/M	Visual observation	In Compliance	S286 & S287 are not in operation.

Table VII – T
Applicable Limits and Compliance Monitoring Requirements
S286 - #1 CRU EVAPORATOR – TFS OPERATION
S287 - #2 CRU EVAPORATOR – FTL LINES

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
FP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781 part 2, part 3	P/M	Pressure drop inspection	In Compliance	S286 & S287 are not in operation.
	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #20781 part 3	P/M	Visual observation	In Compliance	S286 & S287 are not in operation.
	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 #20781 part 2, part 3	P/M	Pressure drop inspection	In Compliance	S286 & S287 are not in operation.
	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 #20781 part 3	P/M	Visual observation	In Compliance	S286 & S287 are not in operation.
Hexavalent chromium	BAAQMD Condition #12194, part 1	Y		0.87 lbs/yr	BAAQMD Condition #12194, part 3	P/M	Record keeping	In Compliance	S286 & S287 are not in operation.
	BAAQMD Condition #12194, part 1	Y		0.87 lbs/yr	BAAQMD Condition #12194, part 2	P/2 years	Source test	In Compliance	S286 & S287 are not in operation.

Table VII – U
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	Monitoring Status	Comments
Organic compounds	BAAQMD 8-4-302.1	Y		5 tpy of POC plus NPOC	BAAQMD 8-4-501	P/Annual	Record keeping	In Compliance	Records maintained in Environmental database.
	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/M, Q	Record keeping	In Compliance	Records maintained in Environmental database.
	BAAQMD Condition #13634, part 2	Y		Optional emission allowance of 7,800 lbs/yr with S289	BAAQMD Condition #13634, part 3	P/M, Q	Record keeping	In Compliance	Records maintained in Environmental database.

Table VII – V
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	Monitoring Status	Comments
Organic compounds	BAAQMD 8-11-303	Y		Not more than 1.7 lb VOC/gal OR	BAAQMD 8-11-501	P/Daily	Record keeping	In Compliance	Records maintained in Environmental database.

**Table VII – V
Applicable Limits and Compliance Monitoring Requirements
S292 – KMCAL HORIZONTAL ELECTROSTATIC OILER**

Type of Limit	Citation of Limit	FE Y/N	Future		Limit	Monitoring		Monitoring Type	Monitoring Status	Comments
			Effective Date	Limit		Monitoring Requirement Citation	Monitoring Frequency (P/C/N)			
	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	Record keeping	In Compliance	Records maintained in Environmental database.
	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	In Compliance	Records maintained in Environmental database.
	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	In Compliance	Visual observations maintained in Environmental database.
	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	In Compliance	Source test performed on 2/4/16.
	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	In Compliance	Records maintained in Environmental database.
	BAAQMD Condition #16682, part 3	Y			Control to no more than 0.05 lb/gal	BAAQMD Condition #16682, part 8	P/M	Visual observation	In Compliance	Visual observations maintained in Environmental database.

**Table VII – V
 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	Monitoring Status	Comments
	BAAQMD Condition #16682, part 1	Y		Combined net usage of: 35,000 gpy Ferrocrete EGL 12,000 gpy Ferrocrete HCL	BAAQMD Condition #16682, part 4	P/M	Record keeping	In Compliance	Records maintained in Environmental database.
	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	Record keeping	In Compliance	Records maintained in Environmental & Safety database
	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	In Compliance	Source test performed on 2/4/16.

Table VII – W
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	Monitoring Status	Comments
Opacity	BAAQMD Regulation 6-303	Y		Ringelmann No. 2 for < 3 minutes/hr		N		In Compliance	
FP	BAAQMD Regulation 6-310	Y		≤ 0.15 grains/dscf		N		In Compliance	
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		In Compliance	USS POSCO Industries purchases low sulfur diesel fuel not to exceed .05% sulfur.
SO ₂	BAAQMD Regulation 9-1-304	Y		Fuel sulfur limit: 0.5%	BAAQMD Condition #18554, Part 4	P/E	Vendor certification	In Compliance.	Vendor certification kept in the Accounting database.

Table VII - W

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	Monitoring Status	Comments
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 #18544, parts 2 and 3a	P/C, M	Meter to record operating hours	In Compliance	Records maintained in Environmental database.

Table VII - X

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	Monitoring Status	Comments
Opacity	BAAQMD Regulation 6-303	Y		Ringelmann No. 2 for < 3 minutes/hr		N		In Compliance	
FP	BAAQMD Regulation 6-310	Y		≤ 0.15 grains/dscf		N		In Compliance	

Table VII - X
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	Monitoring Status	Comments
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		In Compliance	USS POSCO Industries purchases low sulfur diesel fuel not to exceed .05% sulfur.
SO ₂	BAAQMD Regulation 9-1-304	Y		Fuel sulfur limit: 0.05%	BAAQMD Condition #19380, part 1	P/E	Vendor certification	In Compliance	Vendor certificates of compliance on file in Accounting database.
Operating Hours	BAAQMD Regulation 9-8-330.2 and BAAQMD Condition #19380, part 2	N		Operating hours for reliability-related activities: ≤ 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	In Compliance	Records maintained in Environmental database.

Table VII – Y
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	Monitoring Status	Comments
Opacity	BAAQMD Regulation 6-301	Y		Ringelmann No. 1 for < 3 minutes/hour		N		In Compliance	
	BAAQMD Condition #20038, part 2	Y		Ringelmann No. 0.5 for < 3 minutes/hour		N		In Compliance	

Table VII – Z
Applicable Limits and Compliance Monitoring Requirements
S402- HORIZONTAL ELECTROSTATIC COIL OILER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
Organic compounds	BAAQMD 8-11-303	Y		Not more than 1.7 lb VOC/gal	BAAQMD 8-11-501	P/Daily	Recordkeeping	In Compliance	Records maintained in Environmental database.

Table VII – Z
Applicable Limits and Compliance Monitoring Requirements
S402- HORIZONTAL ELECTROSTATIC COIL OILER

Type of Limit	Citation of Limit	FE Y/N	Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/G/N)	Monitoring Type	Monitoring Status	Comments
	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	In Compliance	Records maintained in Environmental database.
	BAAQMD Condition #25272, part 1	Y		net usage of: 36,500 gpy Steel Shield 6299 coating oil	BAAQMD Condition #25272, part 3	P/M	Recordkeeping	In Compliance	Records maintained in Environmental database.
	BAAQMD Condition #25272, part 2	Y for POC		Optional emission allowance of 0.383 tpy each for POC and NPOC	BAAQMD Condition #25272, part 3	P/M	Recordkeeping	In Compliance	Records maintained in Environmental database.

**Table VII – AA
Applicable Limits and Compliance Monitoring Requirements
S501- SOIL VAPOR EXTRACTION SYSTEM**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Status	Comments
Organic Emissions	BAAQMD 8-47-301	Y		S-501 will be vented to A-501 at all times. Influent Vapor flow should not exceed 240 scfm	BAAQMD 2-1-106 BAAQMD 2-5	P/C	Recordkeeping	In Compliance	Records maintained in Environmental database.
	BAAQMD 2-1-106	Y		No more than 8,750 cubic feet of contaminated soil for this project	BAAQMD 2-1-305	P/E	Recordkeeping	In Compliance	Records maintained in Environmental database.
	BAAQMD 8-47	Y		Retain all measurements, records, and data in a maintained file for 5 years after the recorded date of collection	BAAQMD 2-5	P/C	Recordkeeping	In Compliance	Records maintained in Environmental database.