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Via email to: [compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)

April 21, 2020

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

RE: UC Berkeley, Facility #A0059 - Monitoring Report for Title V Operating Permit, February 1, 2020 – March 31, 2020

Dear Director of Compliance and Enforcement:

This monitoring report satisfies the semi-annual reporting requirements for the University of California, Berkeley (Facility #A0059), for the reporting period **February 1, 2020 – March 31, 2020**. This semi-annual report is a “catch-up” report to adjust our new semi-annual monitoring report time periods to April 1st through September 30th and October 1st through March 31st, as addressed in the current draft Title V permit that is out for Public Review as of April 2020.

During this reporting period, we have two instances of deviation, which have been addressed in the Title V permit draft. Our custom schedule of compliance is as follows:

*Source 2, Source 3, and Source 4 – Auxiliary Boilers – By December 31, 2020, the owner/operator shall install, operate, and maintain non-resettable fuel meters for natural gas and fuel oil for each boiler to comply with BAAQMD Regulation 9-7-504.*

Enclosed are the Tables of Applicable Emission Limits and Compliance Monitoring Requirements referenced in the draft Title V Operating Permit. The tables indicate the status of compliance during this time period. The names of the Tables match the current draft Title V (Table F is missing in the numbering sequence). Tables VII-A to VII-E and VII-G to VII-H are included in this report. The tables include some corrections to administrative errors from the draft permit (S41 was changed to S201) and are noted in **red**.

If you have any questions regarding the enclosed information, please contact Bernadette Santos at [bsantos@berkeley.edu](mailto:bsantos@berkeley.edu).

Based upon the information and belief formed after a reasonable inquiry, I, as the Responsible Official certify the information contained in this report as accurate and true to the best of my knowledge.

Sincerely,

Randy Howard Katz  
Vice Chancellor for Research

**Table VII-A: Applicable Limits and Compliance Monitoring Requirements**  
S-2, S-3, S-4 - Boilers

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
NO <sub>x</sub>	BAAQMD 9-7-112.2	30 ppmvd @ 3% O <sub>2</sub> , dry	Condition 14330, Part 5	P/every calendar year of operation starting date of renewal of Title V permit in 2019		Y	Continuous	
NO <sub>x</sub>	SIP 9-7-301.1	30 ppmv @ 3% O <sub>2</sub> , dry, when operating on gaseous fuels	Condition 14330, Part 5	P/every calendar year of operation starting date of renewal of Title V permit in 2019		Y	Continuous	
NO <sub>x</sub>	SIP 9-7-302.1	40 ppmv @ 3% O <sub>2</sub> , dry, when operating on non-gaseous fuels	-	N		Y	Continuous	
NO <sub>x</sub>	SIP 9-7-303	Weighted average of 9-7-302.1 and 9-7-302.1	BAAQMD 9-7-501	C	12/31/20	N	-	Fuel meters will be installed by 12/31/2020 as indicated on Schedule of Compliance.
NO <sub>x</sub>	SIP 9-7-305.1	150 ppmv @ 3% O <sub>2</sub> , dry, when operating on non-gaseous fuels during natural gas curtailment	-	N		Y	Continuous	
NO <sub>x</sub>	SIP 9-7-306.1	150 ppmv @ 3% O <sub>2</sub> , dry, when operating on non-gaseous fuels for equipment testing	-	N		Y	Continuous	
CO	BAAQMD 9-7-112.2	400 ppmvd @ 3% O <sub>2</sub>	Condition 14330, Part 5	P/every calendar year of operation starting date of renewal of Title V permit in 2019		Y	Continuous	
CO	SIP 9-7-301.2	400 ppmv @ 3% O <sub>2</sub> , dry	Condition 14330, Part 5	P/every calendar year of operation starting date of renewal of Title V permit in 2019		Y	Continuous	
CO	SIP 9-7-302.2	400 ppmv @ 3% O <sub>2</sub> , dry		N		Y	Continuous	
CO	SIP 9-7-303	400 ppmv @ 3% O <sub>2</sub> , dry		N		Y	Continuous	
CO	SIP 9-7-305.2	400 ppmv @ 3% O <sub>2</sub> , dry		N		Y	Continuous	
CO	SIP 9-7-306.2	400 ppmv @ 3% O <sub>2</sub> , dry		N		Y	Continuous	
Opacity	BAAQMD Regulation 6-1-301	>Ringelmann 1.0 for < 3 minutes in any hour	Condition 14330, Part 6	P/E, after firing for 200 hrs on fuel oil		Y	Continuous	
Opacity	SIP Regulation 6-301	>Ringelmann 1.0 <3 minutes in any hour	Condition 14330, Part 6	P/E, after firing for 200 hrs on fuel oil		Y	Continuous	
FP	BAAQMD Regulation 6-1-310.3	0.15 gr/dscf @ 6% O <sub>2</sub>		N		Y	Continuous	

**Table VII-A: Applicable Limits and Compliance Monitoring Requirements**  
 S-2, S-3, S-4 - Boilers

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
FP	SIP Regulation 6-310.3	0.15 gr/dscf @ 6% O <sub>2</sub>		N		Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-301	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	None	N		Y	Continuous	
	BAAQMD 9-1-302	300 ppm when burning gaseous fuels				Y	Continuous	
	BAAQMD 9-1-304	0.5% wt Sulfur in liquid fuel		N		Y	Continuous	
Heat input limit	BAAQMD 9-7-112.2	< 120,012 MMbtu/any consecutive 12-month period for each boiler	BAAQMD 9-7-504	C		N	-	Fuel meters will be installed by 12/31/2020 as indicated on Schedule of Compliance.

**Table VII-B: Applicable Limits and Compliance Monitoring Requirements**

S62, S63, S64, S65, S105, S106, S107, S108, S109, S110, S111, S112, S113, S114, S115, S116, S117, S118, S120, S121, S122, S123, S125, S126, S128, S129, S130, S131, S132, S133, S142, S143, S144, S145, S200 - In-Use Emergency Generators

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
Opacity	BAAQMD 6-1-303.1	≥ Ringelmann 2.0 for ≤ 3minutes in any hour		N	-	Y	Continuous	
Opacity	SIP Regulation 6-303.1	≥ Ringelmann 2.0 for ≤ 3minutes in any hour		N	-	Y	Continuous	
FP	BAAQMD 6-1-310.1	0.15 gr/dscf		N	-	Y	Continuous	
FP	SIP Regulation 6-310	0.15 gr/dscf	None	N	-	Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-301	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	None	N	-	Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-304	0.5% wt Sulfur in liquid fuel		N	-	Y	Continuous	
	CARB ATCM 93115.5(a)(1)	Sulfur content of diesel fuel < 15 ppmw		N	-	Y	Continuous	
Hours of Operation	BAAQMD 9-8-330.1	Unlimited hours for emergencies	BAAQMD 9-8-530.2	C P/M	-	Y	Continuous	
Hours of Operation	BAAQMD 9-8-330.3	50 hours per calendar year or permit limit whichever is lower for reliability-related activities	BAAQMD 9-8-530.2	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22728, Part 2	Applies to S145 Unlimited hours for emergencies	BAAQMD Condition # 22728, Part 5	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22728, Part 1	Applies to S145 < 26 hours per year for reliability-related activities	BAAQMD Condition # 22728, Part 5	C P/M	-	Y	Continuous	
Hours of Operation	BAAQMD Condition # 22820, Part 2	Applies to S105, S106, S107, S108, S111, S112, S113, S114, S115, S117, S120, S121, S122, S123, S125, S126, S128, S129, and S200 Unlimited hours for emergencies	BAAQMD Condition # 22820, Parts 3 and 4	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22820, Part 1	Applies to S105, S106, S107, S108, S111, S112, S113, S114, S115, S117, S120, S121, S122, S123, S125, S126, S128, S129, and S200 ≤ 20 hours per year for reliability-related activities	BAAQMD Condition # 22820, Parts 3 and 4	C P/M	-	Y	Continuous	

**Table VII-B: Applicable Limits and Compliance Monitoring Requirements**

S62, S63, S64, S65, S105, S106, S107, S108, S109, S110, S111, S112, S113, S114, S115, S116, S117, S118, S120, S121, S122, S123, S125, S126, S128, S129, S130, S131, S132, S133, S142, S143, S144, S145, S200 - In-Use Emergency Generators

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
	BAAQMD Condition # 22826, Part 2	Applies to S62, S63, S64, S65, S133, S142, S143, S144, and S146 Unlimited hours for emergencies	BAAQMD Condition # 22826, Parts 3 and 4	C P/M	-	Y	Continuous	
Hours of Operation	BAAQMD Condition # 22826, Part 1	Applies to S62, S63, S64, S65, S133, S142, S143, S144, and S146 < 26 hours per year for reliability-related activities	BAAQMD Condition # 22826, Parts 3 and 4	C P/M	-	Y	Continuous	
Hours of Operation	BAAQMD Condition # 22828, Part 2	Applies to S146 Unlimited hours for emergencies	BAAQMD Condition # 22828, Parts 3 and 4	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22828, Part 1	Applies to S146 < 28 hours per year for reliability-related activities	BAAQMD Condition # 22828, Parts 3 and 4	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22830, Part 2	Applies to S109, S110, and S118 Unlimited hours for emergencies	BAAQMD Condition # 22830, Parts 3 and 4	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22830, Part 1	Applies to S109, S110, and S118 < 30 hours per year for reliability-related activities	BAAQMD Condition # 22830, Parts 3 and 4	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22850, Part 2	Applies to S130, S131, and S132 Unlimited hours for emergencies	BAAQMD Condition # 22850, Parts 3 and 4	C P/M	-	Y	Continuous	
	BAAQMD Condition # 22850, Part 1	Applies to S130, S131, and S132 < 50 hours per year for reliability-related activities	BAAQMD Condition # 22850, Parts 3 and 4	C P/M	-	Y	Continuous	

**Table VII-C: Applicable Limits and Compliance Monitoring Requirements**  
 S148, S149, S150, S152, S153, S154, S155, S156, S157, S158, S160, S162, S163 - New Emergency Diesel Engine Generators

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
	BAAQMD Condition # 22850, Part 2	Unlimited hours for emergencies	BAAQMD Condition # 22820, Parts 3 and 4	C P/M		Y	Continuous	
Hours of Operation	BAAQMD Condition # 22850, Part 1	< 50 hours per year for reliability-related activities	BAAQMD Condition # 22820, Parts 3 and 4	C P/M		Y	Continuous	

**Table VII-D: Applicable Limits and Compliance Monitoring Requirements**  
 S138, S139, S140 - Emergency Natural Gas Engine Generators

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
Opacity	BAAQMD 6-1-303.1	> Ringelmann 2.0 < 3 minutes in any hour		N		Y	Continuous	
Opacity	SIP Regulation 6-303.1	> Ringelmann 2.0 < 3 minutes in any hour		N		Y	Continuous	
FP	BAAQMD 6-1-310	0.15 gr/dscf		N		Y	Continuous	
FP	SIP Regulation 6-310	0.15 gr/dscf		N\		Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-301	Property Line Ground Level Limits: < 0.5 ppm for 3 minutes and < 0.25 ppm for 60 mins and < 0.05 ppm for 24 hours	None	N		Y	Continuous	
	BAAQMD 9-1-302	300 ppm when burning gaseous fuels		N		Y	Continuous	
Hours of Operation	BAAQMD 9-8-330.1	Unlimited hours for emergencies	BAAQMD 9-8-530.2	C P/M		Y	Continuous	
	BAAQMD 9-8-330.3	50 hours per calendar year or permit limit whichever is lower for reliability-related activities	BAAQMD 9-8-530	C P/M		Y	Continuous	
	BAAQMD Condition # 19533, Part 1	50 hours per calendar year for reliability-related activities	BAAQMD Condition # 19533, Parts 2 and 3	P/E		Y	Continuous	

**Table VII-E: Applicable Limits and Compliance Monitoring Requirements**  
 S138, S139, S140 - Emergency Natural Gas Engine Generators

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
Opacity	BAAQMD 6-1-303.1	> Ringelmann 2.0 for <3 minutes in any hour		N		Y	Continuous	
Opacity	SIP Regulation 6-303.1	> Ringelmann 2.0 for <3 minutes in any hour		N		Y	Continuous	
FP	BAAQMD 6-1-310	0.15 gr/dscf		N		Y	Continuous	
FP	SIP Regulation 6-310	0.15 gr/dscf		N		Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-301	Property Line Ground Level Limits: < 0.5 ppm for 3 minutes and < 0.25 ppm for 60 mins and < 0.05 ppm for 24 hours	None	N	N/A	Y	Continuous	
	BAAQMD 9-1-302	300 ppm		N		Y	Continuous	
	BAAQMD Condition # 23107, Part 1	Applies to S159: 50 hours per calendar year for reliability-related activities	BAAQMD Condition # 23107, Parts 2 and 3	P/E		Y	Continuous	
	BAAQMD Condition # 23112, Part 1	Applies to S151: 50 hours per calendar year for reliability-related activities	BAAQMD Condition # 23112, Parts 2 and 3	P/E		Y	Continuous	



**Table VII-G: Applicable Limits and Compliance Monitoring Requirements**  
S201 - Turbine

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
NO <sub>x</sub>	BAAQMD 9-9-301.2 and 9-9-603	0.70 lbs/MW-hr or 20.2 ppmv, 3-hr average when burning natural gas	BAAQMD 9-9-501	C		Y	Continuous	
	BAAQMD 9-9-301.2 and 9-9-603	1.97 lbs/MW-hr or 42 ppmv, 3-hr average when burning non-gaseous fuel	BAAQMD 9-9-501	C		Y	Continuous	
NO <sub>x</sub>	SIP 9-9-303.2	20.2 ppmv @ 15% O <sub>2</sub> , dry (adjusted per 9-9-401), except during start-up	SIP 9-9-501	C		Y	Continuous	
	SIP 9-9-303.2	42 ppmv @ 15% O <sub>2</sub> , dry when burning fuel oil during natural gas curtailment or short testing periods	SIP 9-9-501	C		Y	Continuous	
	BAAQMD Condition # 366, Part 4	0.70 lbs/MW-hr or 20.2 ppmv - natural gas: @ 15% O <sub>2</sub> , 3 hr avg, except during start-up	BAAQMD Condition # 366, Part 12	C		Y	Continuous	
NO <sub>x</sub>	BAAQMD Condition # 366, Part 5	0.70 lbs/MW-hr or 20.2 ppmv - natural gas: @ 15% O <sub>2</sub> (combined S201 & S202), 3 hr avg, except during start-up	BAAQMD Condition # 366, Part 12	C		Y	Continuous	
	BAAQMD Condition #366 Part 6	42 ppmv - fuel oil: @ 15 % O <sub>2</sub> , 3 hr avg, except during start-up	BAAQMD Condition # 366, Part 12	C		Y	Continuous	
NO <sub>x</sub>	BAAQMD Condition #366 Part 7	39 ppmv - fuel oil: @15 % O <sub>2</sub> (combined S201 & S202), 3 hr avg, except during start-up	BAAQMD Condition #366, Part 12	C		Y	Continuous	
	BAAQMD Condition #366 Part 10	547 lb/day when burning natural gas and 1,093 lb/day when burning fuel oil (combined S201 & S202)	BAAQMD Condition #366, Part 12	C		Y	Continuous	
	NSPS Subpart GG, 60.332(a)(1)	99 ppmv @ 15% O <sub>2</sub> dry, 4 - hr average	NSPS Subpart GG, 60.334(b)	C		Y	Continuous	
CO	BAAQMD Condition #366 Part 4a	200 ppm @ 15% O <sub>2</sub> , 3-hour average except during start-up	BAAQMD Condition #366, Part 12a	C		Y	Continuous	
CO	BAAQMD Condition #366 Part 5a	200 ppm @ 15% O <sub>2</sub> (combined S201 & S202) 3-hour average except during start-up	BAAQMD Condition #366, Part 12a	C		Y	Continuous	Draft renewal permit references S41 (old source number) instead of S202 (current source number)
CO	BAAQMD Condition #366 Part 10	2195 lb/day (natural gas or fuel oil) (combined S201 & S202)	BAAQMD Condition #366 Parts 10, 12a, and 18	C		Y	Continuous	
SO <sub>2</sub>	BAAQMD Condition #366 Part 2	Maximum of 0.12% by wt. Sulfur in fuel oil	BAAQMD Condition #366 Parts 2	P/E		Y	Continuous	

**Table VII-G: Applicable Limits and Compliance Monitoring Requirements**  
S201 - Turbine

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
SO <sub>2</sub>	BAAQMD Condition #366 Part 3	Maximum of 0.25% by wt. Sulfur in fuel oil during periods of natural gas curtailment	BAAQMD Condition #366 Parts 2	P/E		Y	Continuous	
	BAAQMD Condition #366 Part 11	987 lb/day except during natural gas curtailment or shutdown as allowed by Condition #366, part 3 (combined S201 & S202)	BAAQMD Condition #366 Part 11	P/E		Y	Continuous	
	BAAQMD Condition #366 Part 11	40 tons/year (combined S201 & S202)	BAAQMD Condition #366 Part 11	Fuel Sampling using District's Laboratory Procedure Method 10		Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-301	GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-302	300 ppm (dry)		N		Y	Continuous	
	BAAQMD 9-1-304	0.5% wt. Sulfur in liquid fuel		P/E		Y	Continuous	
SO <sub>2</sub>	NSPS Subpart GG, 60.333 (a)	0.015% (vol) @ 15% O <sub>2</sub> (dry), or 0.8% sulfur in gaseous fuel by weight	NSPS Subpart GG, 60.334 (h)(3)	P/M or EN		Y	Continuous	
SO <sub>2</sub>	NSPS Subpart GG, 60.333 (b)	0.8% sulfur in fuel oil by weight	NSPS Subpart GG, 60.334 (h)(1), 60.334(i)(1)	P/E		Y	Continuous	
Opacity	BAAQMD 6-1-301	≥ Ringelmann No. 1 for ≤ 3 minutes in an hour	BAAQMD Condition # 366, Part 19	P/E, during distillate oil combustion		Y	Continuous	
Opacity	SIP 6-301	> Ringelmann No. 1 for < 3 minutes in an hour	BAAQMD Condition # 366, Part 19	P/E, during distillate oil combustion		Y	Continuous	
FP	BAAQMD 6-1-310.1 and 6-1-310.3	0.15 grain/dscf @ 6% O <sub>2</sub>		N		Y	Continuous	
FP	SIP 6-310	0.15 grain/dscf @ 6% O <sub>2</sub>		N		Y	Continuous	

<sup>1</sup> Ground Level Concentration

**Table VII-G: Applicable Limits and Compliance Monitoring Requirements**  
S202 - Duct Burner

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
NOx	BAAQMD 9-9-301.2	0.70 lbs/MWhr or 15 ppmv, 3-hr average when burning natural gas	BAAQMD 9-9-501	C		Y	Continuous	
	BAAQMD 9-9-301.2	1.97 lbs/MWhr or 42 ppmv, 3-hr average when burning non-gaseous fuel	BAAQMD 9-9-501	C		Y	Continuous	
NOx	SIP 9-9-303.2	20.2 ppmv @ 15% O <sub>2</sub> , dry (adjusted per 9-9-401), except during start-up	BAAQMD 9-9-501	C		Y	Continuous	
NOx	SIP 9-9-303.2	42 ppmv @ 15% O <sub>2</sub> , dry during natural gas curtailment or short testing periods	BAAQMD 9-9-501	C		Y	Continuous	
NOx	BAAQMD Condition #366, Part 5	0.70 lbs/MWhr or 15 ppmv - natural gas: @ 15% O <sub>2</sub> (combined S201 & S202), 3 hr avg, except during start-up	BAAQMD Condition #366, Part 12	C		Y	Continuous	
	BAAQMD Condition #366, Part 7	39 ppmv - fuel oil: @ 15% O <sub>2</sub> (combined S101 & S202), 3 hr avg, except during start-up	BAAQMD Condition #366, Part 12	C		Y	Continuous	
	BAAQMD Condition #366, Part 10	547 lb/day when burning natural gas and 1,093 lb/day when burning fuel oil (combined S201 & <b>S202</b> )	BAAQMD Condition #366, Parts 9 and 12	C		Y	Continuous	Draft renewal permit references S41 (old source number) instead of S202 (current source number)
	NSPS Subpart GG, 60.332(a)(1)	99 ppmv @ 15% O <sub>2</sub> dry, 4 - hr average	NSPS Subpart GG 60.334(b)	C		Y	Continuous	
CO	BAAQMD Condition # 366, Part 5a	200 ppm @ 15% O <sub>2</sub> (combined S201 & <b>S202</b> ) 3-hour average except during start-up	BAAQMD Condition # 366, Part 12a	C		Y	Continuous	Draft renewal permit references S41 (old source number) instead of S202 (current source number)
CO	BAAQMD Condition #366, Part 10	2,195 lb/day (natural gas), 2,195 lbs/day (fuel oil) (combined S201 & S202)	BAAQMD Condition #366, Parts 10, 12a, and 18	C		Y	Continuous	
SO <sub>2</sub>	BAAQMD Condition #366, Part 11	987 lb/day except during natural gas curtailment or shutdown as allowed by Condition #366, Part 3 (combined S201 & S202)	BAAQMD Condition #366, Part 11	P/E		Y	Continuous	
SO <sub>2</sub>	BAAQMD Condition #366, Part 11	40 tons/year (combined S201 & S202)	BAAQMD Condition #366, Part 11	P/E		Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-301	GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		Y	Continuous	
SO <sub>2</sub>	BAAQMD 9-1-302	300 ppm (dry)		N		Y	Continuous	
	BAAQMD 9-1-304	0.5% wt. Sulfur in liquid fuel		P/E		Y	Continuous	

**Table VII-G: Applicable Limits and Compliance Monitoring Requirements**  
S202 - Duct Burner

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
SO <sub>2</sub>	NSPS Subpart GG, 60.333 (a)	0.015% (vol) @ 15% O <sub>2</sub> (dry) or 0.8% sulfur in gaseous fuel by weight	NSPS Subpart GG, 60.334 (h)(3)	P/M or EN		Y	Continuous	
SO <sub>2</sub>	NSPS Subpart GG, 60.333 (b)	0.8% sulfur in fuel oil by weight	NSPS Subpart GG, 60.334 (h)(1), 60.334(i)(1)	P/E		Y	Continuous	
Opacity	BAAQMD 6-1-301	≥ Ringelmann No. 1 for ≤3 minutes in an hour	BAAQMD Condition #366, Part 19	P/E, during distillate oil combustion		Y	Continuous	
Opacity	SIP 6-301	≥ Ringelmann No. 1 for ≤3 minutes in an hour	BAAQMD Condition #366, Part 19	P/E, during distillate oil combustion		Y	Continuous	
FP	BAAQMD 6-1-310.1 and 6-1-310.3	0.15 grain/dscf @ 6% O <sub>2</sub>		N		Y	Continuous	
FP	SIP 6-310	0.15 grain/dscf @ 6% O <sub>2</sub>		N		Y	Continuous	

<sup>1</sup> Ground Level Concentration

**Table VII-I: Applicable Limits and Compliance Monitoring Requirements**  
 S100 - Facility-wide Painting Operations

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
VOC	BAAQMD 8-19-302	Baked Coatings: 2.3 lb/gal Air Dried Coatings: 2.8 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
VOC	BAAQMD 8-19-312.1	Camouflage: Baked Coatings: 3.0 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.3	Heat Resistant: Baked Coatings: 3.0 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
VOC	BAAQMD 8-19-312.4	High Performance Architectural Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.5	Metallic Topcoat Baked Coatings: 3.0 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.7	Pretreatment Wash Primer Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.8	Silicon Release Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.9	Solar Absorbent Baked Coatings: 3.0 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.12	Extreme Performance Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
VOC	BAAQMD 8-19-312.13	High Temperature Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-23-301	2.1 lb/gal	BAAQMD 8-23-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	

**Table VII-I: Applicable Limits and Compliance Monitoring Requirements**  
S100 - Facility-wide Painting Operations

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
	BAAQMD 8-31-302	2.8 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.8	Silicon Release Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.9	Solar Absorbent Baked Coatings: 3.0 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-19-312.12	Extreme Performance Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
VOC	BAAQMD 8-19-312.13	High Temperature Baked Coatings: 3.5 lb/gal Air Dried Coatings: 3.5 lb/gal	BAAQMD 8-19-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-23-301	2.1 lb/gal	BAAQMD 8-23-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-302	2.8 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-302	2.8 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-306.1	Flexible Parts: Flexible Primer: 4.1 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-306.2	Flexible Parts: Color Topcoat: 3.8 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
VOC	BAAQMD 8-31-306.3	Flexible Parts: Base coat/clear coat (combined system): 2.8 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	

**Table VII-I: Applicable Limits and Compliance Monitoring Requirements**  
S100 - Facility-wide Painting Operations

**Time Period:** February 1, 2020 - March 31, 2020

Type of Limit	Citation of Limit	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Deadline or Compliance Agreement	In Compliance? (Y/N)	Continuous or Intermittant Compliance	Comments
	BAAQMD 8-31-309.1	Camouflage: 3.5 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-309.2	Conductive: 2.7 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-309.3	Metallic Topcoat: 3.5 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-309.4	Extreme Performance: 6.2 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-309.5	High Gloss: 3.5 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
VOC	BAAQMD 8-31-309.6	Optical: 6.7 lb/gal	BAAQMD 8-31-501 and Condition # 21880, Part 1c.iv	P/W/M		Y	Continuous	
	BAAQMD 8-31-301	See rule		N		Y	Continuous	
Throughput	Condition # 21880, Part 1a	Non-water-based coating < 80 gal/consecutive 12-month period	Condition 21880, part 1c.iii	P/W/M		Y	Continuous	
	Condition # 21880, Part 1a	Water-based coating < 250 gal/consecutive 12-month period	Condition 21880, part 1c.iii	P/W/M		Y	Continuous	
	Condition # 21880, Part 1b	Cleanup and surface preparation solvent < 10 gal/consecutive 12-month period	Condition 21880, part 1c.i and 1c.iii	P/W/M		Y	Continuous	
	Condition 21880, part 1b	Organic thinner < 10 gal/consecutive 12-month period	Condition 21880, part 1c.ii and 1c.iii	P/W/M		Y	Continuous	