Bay Area Air Quality Management District

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

Final

MAJOR FACILITY REVIEW PERMIT

Issued To:
GenOn Delta LLC, Pittsburg Generating Station
Facility #A0012

Facility Address:
696 West 10th Street
Pittsburg, CA 94565

Mailing Address:
P.O. Box 192
Pittsburg, CA 94565

Responsible Official
Lawrence Penn
Plant Manager
(925) 427-3583

Facility Contact
Tom Bertolini
Sr. Environmental Engineer
(925) 427-3503

Type of Facility: Electric Generation
Primary SIC: 4911
Product: Electricity

BAAQMD Engineering Division Contact:
Madhav Patil

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Signed by Jim Karas, P.E. _____ May 18, 2015
Jim Karas, P.E., Director of Engineering 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 5/4/11);
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 4/18/12);
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 6/15/05);
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 12/21/04);
SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(as approved by EPA through 1/26/99);
BAAQMD Regulation 2, Rule 5 – New Source Review of Toxic Air Contaminants
(as amended by the District Board on 1/6/10);
BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review
(as amended by the District Board on 4/16/03.and
BAAQMD Regulation 2, Rule 9 – Interchangeable Emission Reduction Credits
(as amended by the District Board on 6/15/05)

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

1. This Major Facility Review Permit was issued on July 31, 2012, and expires on August 1, 2017. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than January 1, 2017, and no earlier than August 1, 2016. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after August 1, 2017.** If the permit renewal has not been issued by August 1, 2017, but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. (Regulations 2-6-307, 404.2, 407, & 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 reissuance, 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

I. Standard Conditions

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. (Regulations 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 reissuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulations 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, Regulations 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. (Regulation 2-6-409.20, MOP Volume II, Part 3, §4.11)
12. The permit holder is responsible for compliance, and certification of compliance, with all conditions of the permit, regardless whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)

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C. Requirement to Pay Fees

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulations 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. (BAAQMD 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 entry. (Regulation 2-6-501; 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. Monitoring reports shall be submitted for the following periods: March 1st through August 31st and September 1st through February 28th or 29th of each year, 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; 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 September 1st through August 31st of each year. The certification shall be submitted by September 30th 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

I. Standard Conditions

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 should be sent to the Environmental Protection Agency at the following address:

Director of the Air Division
U.S. EPA, 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 unless the Major Facility Review Permit has been modified pursuant to Regulation 2, Rule 6. (MOP Volume II, Part 3, §4.8)

I. Severability

1. 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 shall submit 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)

I. Standard Conditions

L. Conditions to Implement Regulation 2, Rule 7, Acid Rain

1. The permit holder shall hold one sulfur dioxide allowance for each ton of sulfur dioxide emitted during the calendar year on March 1st of the following year (or February 29 in any leap year or if such day is not a business day, the first business day thereafter). (MOP Volume II, Part 3, §4.9; 40 CFR 72.2, Allowance Transfer Deadline)
2. The equipment installed for the continuous monitoring of CO2 or O2 and NOx shall be maintained and operated in accordance with 40 CFR Parts 72 and 75. (Regulation 2-7, Acid Rain)
3. A written Quality Assurance program must be established in accordance with 40 CFR Part 75, Appendix B for NOx which includes, but is not limited to: procedures for daily calibration testing, quarterly linearity testing, record keeping and reporting implementation, and relative accuracy testing. (Regulation 2-7, Acid Rain)
4. The permit holder shall monitor SO2 emissions in accordance with 40 CFR Part 72 and 75. (Regulation 2-7, Acid Rain)
5. The permit holder shall submit quarterly Electronic Data Reports (EDRs) to EPA for Boilers S-5, S-6, and S-7. These reports must be submitted within 30 days following the end of each calendar quarter and shall include all information required in § 75.64. (40 CFR Part 75)

II. EQUIPMENT LIST

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
S-5	Boiler No. 5 - Electric Generation, Gas Fired	Babcock and Wilcox	radiant reheat	3,300 MMBTU/hr
S-6	Boiler No. 6 - Electric Generation, Gas Fired	Babcock and Wilcox	radiant reheat	3,300 MMBTU/hr
S-7	Boiler No. 7 - Electric Generation, Gas Fired	Combustion Engineering	super-critical combined circulation	6,854 MMBTU/hr
S-36	Emergency Diesel Generator	IC Engine	Cummins NHRS-6-B1	320 hp; 16.6 gal/hr
S-49	No. 7-1 Diesel Fire Pump	IC Engine	Cummins NT-280-IF	255 hp 16.0 gal/hr
S-51	No. 7-2 Diesel Fire Pump	IC Engine	Cummins NT-280-IF	255 hp 16.0 gal/hr
S-53	No. 7-3 Diesel Fire Pump	IC Engine	Cummins 855-F3	255 hp 13.5 gal/hr
S-58	Service Station, G# 8348	Emco Wheaton	A-3003/A-3005	1000 gal; 1 nozzle
S-62	Oil - Water Separator	custom design		750 gal/min
S-63	Dissolved Air Flotation Unit (DAF)	Serck Baker		750 gal/min
S-70	Paint Spray Operation - Maintenance	Graco Binks	5000 Mach 1 HVLP	
S-71	Solvent Wipe Cleaning Operation	custom design		
S-72	Sand Blasting Facility	custom design		2 ton/hr
S-73	Cooling Tower 1	Marley	6615-4-13	186,000 GPM
S-74	Cooling Tower 2	Marley	6615-4-13	186,000 GPM

II. Equipment List

Table II-B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
A-5	Selective Catalytic Reduction	S-5	BAAQMD 9-11-309.1		*
A-6	Selective Catalytic Reduction	S-6	BAAQMD 9-11-309.1		*
A-72	Dust Collector System	S-72	BAAQMD Regulation 6-1-301		0.15 gr/dscf for < 3 min/hr
A-72	Dust Collector System	S-72	SIP 6-301		0.15 gr/dscf for < 3 min/hr

* S-5 and S-6 boilers are subject to the Advanced Technology Alternative Emission Control Plan (ATAECP "system-wide emissions bubble") of Regulation 9-11, Section 309. Under the ATAECP, the individual boilers are not required to comply with a specific emission limit, but their emissions and fuel use contribute to a system-wide average. The current system-wide average NO_x limit is 0.018 lb/MMbtu.

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. This section also contains provisions that may apply to temporary sources.

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 the SIP requirements are on the EPA Region 9 website. The address is:
http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions.

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

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (5/4/11)	N
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y
BAAQMD Regulation 2, Rule 1	General Requirements (4/18/12)	N
SIP Regulation 2, Rule 1	General Requirements (1/26/99)	Y
BAAQMD 2-1-429	Federal Emissions Statement (12/21/04)	Y
SIP Regulation 2-1-429	Federal Emissions Statement (4/3/95)	Y
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y
BAAQMD Regulation 5	Open Burning (7/09/08)	N
SIP Regulation 5	Open Burning (9/4/98)	Y
BAAQMD Regulation 6, Rule 1	Particulate Matter and Visible Emissions (12/05/07)	Y
SIP Regulation 6	Particulate Matter and Visible Emission (9/4/98)	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 3	Organic Compounds - Architectural Coatings (7/1/09)	N
SIP Regulation 8, Rule 3	Organic Compounds – Architectural Coatings (1/02/04)	Y
BAAQMD Regulation 8, Rule 40	Organic Compounds - Aeration of Contaminated Soil and Removal of Underground Storage Tanks (06/15/05)	Y
SIP Regulation 8, Rule 40	Organic Compounds - Aeration of Contaminated Soil and Removal of Underground Storage Tanks (4/19/01)	Y
BAAQMD Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/05)	Y
SIP Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (4/26/95)	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 9, Rule 1	Sulfur Dioxide (3/15/95)	N
SIP Regulation 9, Rule 1	Sulfur Dioxide (6/08/99)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/98)	N
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

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
California Health and Safety Code Section 41750 et seq.	Portable Equipment	N
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 Hazardous Air Pollutants, Asbestos	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 the SIP regulations are available on the EPA Region 9 website. The address is:

http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions.

All other text may be found in the regulations themselves.

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	**General Provisions and Definitions (5/4/11)**		
1-520	Continuous Emission Monitoring	Y	
1-520.1	Steam Generators Rated 250 MMBTU or More Per Hour	Y	
1-522	Continuous Emission Monitoring and Record Keeping Procedures	Y	
1-522.1	Plans and Specifications	Y	
1-522.2	Installation Scheduling	Y	
1-522.3	Performance Testing	Y	
1-522.4	Periods of Inoperation Greater Than 24 Hours	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
1-522.5	Calibration	Y	
1-522.6	Accuracy	Y	
1-522.7	Excesses	N	
1-522.8	Monthly Reports	Y	
1-522.9	Records	Y	
1-522.10	Monitors Required by Sections 1-521 or 2-1-403	Y	
SIP Regulation 1	**General Provisions and Definitions (6/28/99)**		
1-522	Continuous Emission Monitoring and Recordkeeping Procedures	Y	
1-522.7	Monitor excesses	Y	
BAAQMD Regulation 6 Rule 1	**Particulate Matter General Requirements (12/05/07)**		
6-1-301	Ringelmann Number 1 Limitation	N	
6-1-304	Tube Cleaning	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-310.3	Particulate Weight Limitation, Heat Transfer Operation	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (09/04/98)**		
6-301	Ringelmann Number 1 Limitation	Y	
6-304	Tube Cleaning	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-1-310.3	Particulate Weight Limitation, Heat Transfer Operation	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants, Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission Limitation	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 9, Rule 3	**Inorganic Gaseous Pollutants, Nitrogen Oxides From Heat Transfer Operations (3/17/82)**		
9-3-301	Existing Heat Transfer Operation Limits	N	
BAAQMD Regulation 9, Rule 11	**Inorganic Gaseous Pollutants, Nitrogen Oxides and Carbon Monoxide From Utility Electric Power Generating Boilers (5/17/00)**		
9-11-111	Exemption, Startup or Shutdown	Y	
9-11-302	Interim Compliance NOx Emission Limits for Boilers with a Rated Heat Input Capacity Greater Than or Equal to 1.75 billion BTU/hour	Y	
9-11-302.1.1	NOX limits, gaseous fuel firing	Y	
9-11-308	System-wide NOx Emission Rate Limit	Y	
9-11-309	Advanced Technology Alternative Emission Control Plan	N	
9-11-309.1	System-wide NOx Emission Rate Limits: 0.018 lb/MMBTU	N	
9-11-309.2	Boilers in Startup or Shutdown; Boilers Taken Out of Service; Boilers on Force Majeure Natural Gas Curtailment; and Oil Testing	N	
9-11-309.3	Election of Systemwide NOx Emission Rate Limits	N	
9-11-309.4	Eligible Boilers	N	
9-11-310.2	CO Emission Limits for Boilers with a Rated Heat Input Capacity Greater Than or Equal to 250 million BTU/hour	Y	
9-11-311	Ammonia Emission Limit for Boilers with a Rated Heat Input Capacity Greater Than or Equal to 250 million BTU/hour	Y	
9-11-401	Compliance Schedule - Emissions Limits	Y	
9-11-402	Initial and Annual Demonstration of Compliance	Y	
9-11-501	Fuels Monitoring	Y	
9-11-502	Modified Maximum Heat Input Capacity	Y	Upon physical modification affecting max. heat input
9-11-503	Emissions Monitoring	Y	
9-11-504	Records	Y	
9-11-505	Reporting Requirements	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
9-11-604	Compliance Determination	Y	
9-11-605	Determination of Higher Heating Value	Y	
BAAQMD Manual of Procedures, Volume V	**Continuous Emission Monitoring Policy and Procedures (1/20/82)**	Y	
40 CFR Part 72	**Title IV – Acid Rain Program**	Y	
	Subpart A – Acid Rain Program General Requirements		
72.6	Applicability	Y	
72.6(a)(3)	New utility unit (at the time of commencement of commercial operation)	Y	
72.9	Standard Requirements	Y	
72.9(a)	Permit Requirements	Y	
72.9(a)(1)(i)	Submittal of a complete acid rain permit application	Y	
72.9(a)(1)(iii)	Submittal of information in a timely manner	Y	
72.9(a)(2)(i)	Operation in compliance with Acid Rain permit	Y	
72.9(a)(2)(ii)	Have an Acid Rain Permit	Y	
72.9(b)	Monitoring Requirements	Y	
72.9(c)	Sulfur Dioxide Requirements	Y	
72.9(c)(1)	Requirement to hold allowances as of allowance transfer deadline	Y	
72.9(c)(2)	Each ton of excess SO2 emissions is a separate violation of the CAA	Y	
72.9(c)(3)	Initial deadline to hold allowances	Y	
72.9(c)(3)(iv)	Deadline at time of monitor certification	Y	
72.9(c)(4)	Use of Allowance Tracking System	Y	
72.9(c)(5)	Allowances may not be deducted prior to year for which allowance was allocated	Y	
72.9(c)(6)	Limited authorization	Y	
72.9(d)	Nitrogen Oxide Requirements	Y	
72.9(e)	Excess emissions requirements	Y	
72.9(f)	Recordkeeping and Reporting Requirements	Y	
72.9(g)	Liability	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
72.9(h)	Effect on Other Authorities	Y	
	Subpart C – Acid Rain Permit Applications		
72.30(a)	Requirement to apply	Y	
72.30(c)	Duty to reapply. Requirement to submit complete acid rain application 6 months prior to expiration of current acid rain permit.	Y	
72.31	Information requirements for Acid Rain permit applications	Y	
72.31(a)	Identification of affected source	Y	
72.31(b)	Identification of each affected emissions unit	Y	
72.31(c)	Complete compliance plan	Y	
72.31(d)	Standard requirements under 40 CFR 72.9	Y	
72.31(e)	If the Acid Rain permit application is for Phase II and the unit is a new unit, the date that the unit has commenced or will commence operation and the deadline for monitor certification.	Y	
72.32	Permit application shield and binding effect of permit application	Y	
	Subpart E – Acid Rain Permit Contents		
72.50	General	Y	
72.50(a)	Acid Rain Permits	Y	
72.50(a)(1)	Permits must contain all elements of complete Acid Rain Application under 40 CFR 72.31	Y	
72.50(b)	Permits include terms in 40 CFR 72.2	Y	
72.51	Permit Shield	Y	
40 CFR Part 75	**Code of Federal Regulations, Continuous Emissions Monitoring**	Y	
	Subpart A – General	Y	
75.2	Applicability	Y	
75.2(a)	Applicability to affected units subject to Acid Rain emission limitations	Y	
75.4	Compliance Dates	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
75.4(b)	New affected unit (at the time of the commencement of commercial operation) shall ensure that all monitoring systems required under this part for monitoring of SO_2, NO_X, CO_2, opacity, and volumetric flow are installed and all certification tests are completed on or before the later of the following dates	Y	
75.4(b)(2)	The earlier of 90 unit operating days or 180 calendar days after the date the unit commences commercial operation, notice of which date shall be provided under subpart G of this part.	Y	
75.5	Prohibitions	Y	
	Subpart B – Monitoring Provisions	Y	
75.10	General Operating Requirements	Y	
75.10(a)	Primary Measurement Requirement	Y	
75.10(a)(1)	SO2 Emissions, except as provided in §§75.11 and 75.16 and subpart E of this part	Y	
75.10(a)(2)	NOx Emissions, except as provided in §§75.12 and 75.17 and subpart E of this part	Y	
75.10(a)(3)	CO2 Emissions	Y	
75.10(a)(3)(ii)	CO2 Emissions estimated using Carbon Content of fuel and procedures in Appendix G.	Y	
75.10 (a)(4)	Opacity Monitoring, except as provided in §§75.14 and 75.18	Y	
75.10(b)	Primary Equipment Performance Requirements	Y	
75.10(c)	Heat Input Rate Measurement Requirement	Y	
75.10(d)	Primary equipment hourly operating requirements	Y	
75.10(d)(1)	Cycles of operation for each 15 minute period. Hourly average calculated from a minimum of four 15 minute periods.	Y	
75.10(d)(3)	Validity of data and data substitution	Y	
75.10(f)	Minimum measurement capability requirement	Y	
75.10(g)	Minimum recording and recordkeeping requirements	Y	
75.11	Specific provisions for monitoring SO_2 emissions	Y	
75.11(d)	Gas-fired and oil-fired units	Y	
75.11(d)(2)	Allows the use of Appendix D Optional SO2 Emissions Data Protocol for Gas-Fired and Oil-Fired Units to monitor SO2 emissions.	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
75.12	Specific provisions for monitoring NOx emission rate	Y	
75.12(a)	NOx continuous emission monitor and diluents monitoring requirement	Y	
75.12(c)	NOx mass emission rate determination according to Appendix F	Y	
75.13	Specific provisions for monitoring CO2 emissions	Y	
75.13(b)	Determination of CO2 emissions using Appendix G	Y	
75.14	Specific Provisions for monitoring opacity	Y	
75.14(c)	Gas-Fired Units Exempt from Opacity Monitoring	Y	
	Subpart C – Operation and Maintenance Requirements	Y	
75.20	Initial certification and recertification procedures	Y	
75.20(a)	Initial certification and approval process	Y	
75.20(b)	Recertification approval process	Y	
75.20(c)	Initial certification and recertification procedures	Y	
75.20(g)	Initial certification and recertification procedures for excepted monitoring systems under appendices D and E	Y	
75.21	Quality assurance and quality control requirements	Y	
75.21(a)	Continuous emission monitoring systems	Y	
75.21(c)	Calibration gases	Y	
75.21(d)	Notification for periodic Relative Accuracy Test Audits	Y	
75.21(e)	Consequences of audits	Y	
75.22	Reference test methods	Y	
75.24	Out-of-control periods and adjustment for system bias	Y	
	Subpart D – Missing Data Substitution Procedures	Y	
75.30	General Provisions	Y	
75.30(a)	Owner/operator shall provide substitute data for each affected unit using a continuous emission monitor according to this subpart whenever the unit is combusting fuel.	Y	
75.31	Initial missing data procedures	Y	
75.32	Determination of monitor data availability for standard missing data procedures	Y	
75.33	Standard missing data procedures for SO, NO, Hg, and flow rate	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
75.33(a)	Following initial certification and after following initial missing data procedures for 2,160 quality assured operating hours for NOx continuous emissions monitors system the owner/operator shall follow the data substitution procedures in paragraph (b) and (c) of this section.	Y	
75.33(c)	Volumetric flow rate, NOx emission rate and NOx concentration data	Y	
75.34	Units with add-on emission controls	Y	
75.35	Missing data procedures for CO2	Y	
75.36	Missing data procedures for heat input rate determinations	Y	
	Subpart F – Recordkeeping Requirements	Y	
75.53	Monitoring plan	Y	
75.53(a)	General provisions	Y	
75.53(b)	Updates to monitoring plan	Y	
75.53(e)	Contents of monitoring plan	Y	
75.53(f)	Contents of monitoring plan for specific situations	Y	
75.53(g)	Contents of the monitoring plan after January 1, 2009	Y	
75.53(h)	Contents of monitoring plan for specific situations	Y	
75.57	General recordkeeping provisions	Y	
75.57(a)	General recordkeeping provisions for affected sources	Y	
75.57(b)	Operating parameter record provisions. The owner or operator shall record for each hour the following information on unit operating time, heat input rate, and load, separately for each affected unit.	Y	
75.57(c)	SO2 emission record provisions	Y	
75.57(d)	NOx emission record provisions	Y	
75.57(e)	CO2 emission record provisions	Y	
75.57(g)	Diluents record provisions	Y	
75.57(h)	Missing data records	Y	
75.58	General recordkeeping provisions for specific situations	Y	
75.58(b)	Specific parametric data record provisions for calculating substitute emissions data for units with add-on emission controls	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
75.58(c)	Specific SO2 emission record provisions for gas-fired or oil-fired units using optional protocol in appendix D to this part. In lieu of recording the information in §75.57(c), the owner or operator shall record the applicable information in this paragraph for each affected gas-fired or oil-fired unit for which the owner or operator is using the optional protocol in appendix D to this part for estimating SO2 mass emissions	Y	
75.59	Certification, quality assurance, and quality control record provisions	Y	
75.59(a)	Continuous emission or opacity monitoring systems	Y	
75.59(b)	Accepted monitoring systems for gas-fired and oil-fired units. The owner or operator shall record the applicable information in this section for each excepted monitoring system following the requirements of appendix D to this part or appendix E to this part for determining and recording emissions from an affected unit.	Y	
75.59(c)	Except as otherwise provided in §75.58(b)(3)(i), units with add-on SO_2 or NO_X emission controls following the provisions of §75.34(a)(1) or (a)(2), and for units with add-on Hg emission controls, the owner or operator shall keep the following records on-site in the quality assurance/quality control plan required by section 1 of appendix B to this part:	Y	
75.59(f)	DAHS Verification. For each DAHS (missing data and formula) verification that is required for initial certification, recertification, or for certain diagnostic testing of a monitoring system, record the date and hour that the DAHS verification is successfully completed. (This requirement only applies to units that report monitoring plan data in accordance with §75.53(g) and (h).)	Y	
	Subpart G – Reporting Requirements	Y	
75.60	General Provisions	Y	
75.61	Notifications	Y	
75.62	Monitoring plan submittals	Y	
75.63	Initial certification or recertification application	Y	
75.64	Quarterly reports	Y	
75.66	Petitions to the administrator	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition #401	**Permit Conditions**		
Part 1	Natural Gas Firing (Basis: Regulation 2-1-301)	Y	

Table IV–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6 Rule 1	**Particulate Matter General Requirements (12/05/07)**		
6-1-303	Ringelmann No. 2 Limitation	N	
6-1-303	Ringelmann No. 2 Limitation for standby sources of motive power	N	
6-1-305	Visible Particules	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-303	Ringelmann No. 2 Limitation	Y	
6-303.1	Ringelmann No. 2 Limitation for standby sources of motive power	Y	
6-305	Visible Particluates	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	

IV. Source-Specific Applicable Requirements

Table IV–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
9-1-304	Liquid and Solid Fuels	Y	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (07/25/07)**		
9-8-110	Exemptions		
9-8-110.5	Limited Exemption Emergency Standby Engines	N	
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-330.1	For emergency use for an unlimited number of hours	N	
9-8-330.2	Emergency Standby Engines, Hours of Operation (Reliability-related activities < 100 hours/ calendar year)	N	01/01/2012
9-8-330.3	Emergency Standby Engines, Hours of Operation (Reliability-related activities < 50 hours/ calendar year or NFPA 25)	N	01/01/2012
9-8-502	Recordkeeping	N	
9-8-502.1	Recordkeeping if Exempt under 9-8-110	N	
9-8-530	Emergency Standby Engines, Monitoring and Recordkeeping	N	
40 CFR Part 63 Subpart A	**National Emissions Standards for Hazardous Air Pollutants for Source Categories, Subpart A – General Provisions**		
63.1	General Applicability of the General Provisions	Y	
63.2	Definitions	Y	
63.3	Units and Abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.6(a)	Compliance with standards and maintenance requirements - Applicability	Y	
63.6(c)	Compliance dates for existing sources	Y	
63.6(f)(2)	Methods for determining compliance	Y	
63.6(f)(3)	Finding of compliance	Y	
63.6(g)	Use of an alternative nonopacity emission standard	Y	
63.6(i)	Compliance extension procedures and criteria	Y	
63.6(j)	Presidential compliance exemption	Y	
63.10(a)	Recordkeeping and reporting requirements, applicability and general information	Y	
63.10(b)(1)	Record retention	Y	
63.10(f)	Administrator waiver of recordkeeping or reporting requirements	Y	

IV. Source-Specific Applicable Requirements

Table IV–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.12	State authority and delegations	Y	
63.13	Addresses of air pollution control agencies and EPA Regional Offices	Y	
63.14	Incorporation by reference	Y	
63.15	Availability of information and confidentiality	Y	
40 CFR Part 63 Subpart ZZZZ	**National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)**		
63.6585	Applicability	Y	
63.6585(a)	Applicable to stationary RICE	Y	
63.6585(c)	Applicable to area sources of Haps	Y	
63.6590(a)(1)(iii)	Affected source under stationary RICE located at an area source of HAP emissions, constructed before 6/12/06	Y	
63.6590(a)(1)(iii)	Affected source under stationary RICE located at an area source of HAP emissions, constructed before 6/12/06	Y	
63.6595(a)	Comply with applicable emission limitations and operating limitations by 5/3/13.	Y	5/3/13
63.6595(c)	Comply with applicable notification requirements in 63.6645 and 40 CFR Part 63, subpart A	Y	5/3/13
63.6603(a)	Comply with requirements of Table 2d, Part 4 (operating limitations of Tables 1b and 2b do not apply): 1. Change oil & filter every 500 hours of operation or annually, whichever comes first. Oil analysis program may be used to extend period. 2. Inspect all hoses and belts every 500 hours or annually, whichever comes first, and replace as necessary.	Y	5/3/13
63.6605	General Requirements 1. Must be in compliance with applicable emission limitations and operating limitations 2. Operate engine in a manner consistent with safety and good air pollution control practices to minimize emissions.	Y	5/3/13
63.6625(e)(3)	Maintain RICE and abatement controls according to manufacturer's instructions or develop own plan.	Y	5/3/13
63.6625(h)	Minimize idling, and minimize startup time to not exceed 30 mintutes.	Y	5/3/13

IV. Source-Specific Applicable Requirements

Table IV–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.6640(a)	Demonstrate compliance with the requirements of Table 2d according to work or management practices of Table 6, Part 9a.	Y	5/3/13
63.6640(b)	Report deviations from the requirements of Table 2d.	Y	5/3/13
63.6640(e)	Report non-compliance with the any applicable requirement of Table 8.	Y	5/3/13
63.6640(f)	Comply with requirements of (f)(1)(i) through (iii) below	Y	5/3/13
63.6640(f)(1)(i)	No time limit when engine is used for emergencies	Y	5/3/13
63.6640(f)(1)(ii)	Operation of engine for maintenance checks and readiness testing limited to 100 hours per year	Y	5/3/13
63.6640(f)(1)(iii)	Operation of engine for non-emergency and not associated with maintenance checks and readiness testing is limited to 50 hours, which is counted towards the 100 hours per year maximum specified in 63.6640(f)(1)(ii)	Y	5/3/13
63.6645(a)(5)	The notification requirements of 63.6645(a) do not apply to this engine.	Y	5/3/13
63.6655	Record Keeping 1. Record hours of operation 2. Install non-resettable hour meter	Y	5/3/13
63.6660	Instructions for Records	Y	5/3/13
63.6670	Implementation and enforcement of Subpart ZZZZ	Y	5/3/13
CCR, Title 17, Section 93115	**ATCM for Stationary Compression Ignition Engines**	N	
93115.5	Fuel Requirements	N	
93115.6	ATCM for Stationary CI Engines – Emergency Standby Diesel-Fueled CI Engine (>50 bhp) Operating Requirements and Emission Standards	N	
93115.6(b)	In-Use Emergency Standby Diesel-Fueled CI Engine (> 50 bhp) Operating Requirements and Emission Standards	N	
93115.6(b)(3)	Emission and operation standards	N	
93115.6(b)(3)(A)	Diesel PM Standard and Hours of Operation Limitations	N	
93115.6(b)(3)(A)(1)	General Requirements	N	

IV. Source-Specific Applicable Requirements

Table IV–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
93115.6(b)(3)(A)(1)(a)	50 hours/yr for maintenance & testing	N	
93115.6(b)(3)(B)	Applicable Emissions Standards for HC, NO_x, NMHC+NO_x, and CO	N	
93115.10	Recordkeeping, Reporting and Monitoring Requirements	N	
93115.10(a)	Reporting	N	
93115.10(c)	Demonstration of Compliance with Emission Limits	N	
93115.10 (e) (1)	Monitoring Equipment	N	
93115.10(g)	Reporting Requirements for Emergency Standby Engines	N	
93115.11	ATCM for Stationary CI Engines – Compliance Schedule for Owners or Operators of Three or Fewer Engines (>50 bhp) Located within a District	N	
93115.11(a)	Compliance by 1/1/06 for engines complying by reducing hours of operation	N	
93115.12	Tiered Compliance Schedule	N	
93115.15	Severability	N	
BAAQMD Condition #22820	**Conditions for S-36 Emergency Diesel Engine Generator Set**		
Part 1	Duration for reliability-related testing [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e) (2) (A) (3) or (e) (2) (B) (3)]	N	
Part 2	Mitigate emergency conditions [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e) (2) (A) (3) or (e) (2) (B) (3)]	N	
Part 3	Engine Run-time totalizing meter [Basis: "Stationary Diesel Engine ATCM" section 93115,title 17, CA Code of Regulations, subsection (e) (4) (G) (1)]	N	
Part 4	Record keeping (Cumulative Increase)	N	
Part 5	School boundaries. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e) (2) (A) (1)] or (e) (2) (B) (2)]	N	

IV. Source-Specific Applicable Requirements

Table IV–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition #22851	**Conditions for S-49, S-51 and S-53 Diesel Firewater Pumps**		
Part 1	Duration for reliability-related testing [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations]	N	
Part 2	Mitigate emergency conditions [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(B)(3)]	N	
Part 3	Engine Run-time totalizing meter [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(G)(1)]	N	
Part 4	Record keeping [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(I), (or, Regulation 2-6-501)]	N	
Part 5	School boundaries. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(1)] or (e)(2)(B)(2)]	N	

Table IV-C
S-58, Service Station, G# 8348

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 7	**Organic Compounds, Gasoline Dispensing Facilities (11/6/02)**		
8-7-113	Exemption, Tank Gauging and Inspection	Y	
8-7-301	Phase I Requirements	Y	
8-7-301.1	Requirement for CARB Phase I System	Y	
8-7-301.2	Installation of Phase I Equipment per CARB Requirements	Y	
8-7-301.3	Submerged Fill Pipes	Y	
8-7-301.5	Maintenance of Phase I Equipment per Manufacturers Guidelines or CARB Executive Order	Y	

IV. Source-Specific Applicable Requirements

Table IV-C
S-58, Service Station, G# 8348

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-7-301.6	Leak-Free, Vapor-Tight	Y	
8-7-301.7	Poppetted Drybreaks	Y	
8-7-301.8	No Coaxial Phase 1 Systems on New and Modified Tanks	Y	
8-7-301.9	CARB-Certified Anti-Rotational Coupler or Swivel Adapter	Y	
8-7-301.10	System Vapor Recovery Rate	Y	
8-7-301.11	CARB-Certified Spill Box	Y	
8-7-301.12	Drain Valve Permanently Plugged	Y	
8-7-301.13	Conduct and Passing Test once per 12 month period	Y	
8-7-302	Phase II Requirements	Y	
8-7-302.1	Requirement for CARB Certified Phase II System	Y	
8-7-302.2	Maintenance of Phase II System per CARB Requirements	Y	
8-7-302.3	Maintenance of All Equipment as Specified by Manufacturer	Y	
8-7-302.4	Repair of Defective Parts Within 7 Days	Y	
8-7-302.5	Leak-Free, Vapor-Tight	Y	
8-7-302.6	Insertion Interlocks	Y	
8-7-302.7	Built-In Vapor Check Valve	Y	
8-7-302.8	Minimum Liquid Removal Rate	Y	
8-7-302.9	Coaxial Hose	Y	
8-7-302.10	Galvanized Piping or Flexible Tubing	Y	
8-7-302.11	ORVR Compatible	Y	
8-7-302.12	Liquid Retainment Limit	Y	
8-7-302.13	Spitting Limit	Y	
8-7-302.14	Conduct and Passing Test once per 12 month period	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 Requirements	Y	
8-7-311	Exempt Tanks Requirements	Y	
8-7-313	New and Modified Phase II Installations	Y	
8-7-314	Hold Open Latch Requirement	Y	
8-7-315	Pressure Vacuum Valve Requirement, Underground Storage Tank	Y	
8-7-401	Permit Requirements, New and Modified Installations	Y	

IV. Source-Specific Applicable Requirements

Table IV-C
S-58, Service Station, G# 8348

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-7-406	Testing Requirements, New and Modified Installations	Y	
8-7-407	Periodic Testing Requirements	Y	
8-7-408	Periodic Testing Notification & Submission Requirements	Y	
8-7-501	Burden of Proof	Y	
8-7-502	Right of Access	Y	
8-7-503	Record Keeping Requirements	Y	
8-7-503.1	Gasoline Dispensed Records	Y	
8-7-503.2	Dispensing Facility Maintenance Records	Y	
8-7-503.3	Dispensing Records Retention	Y	
BAAQMD Condition #6583	**Permit Condition**		
Part 1	Fuel Throughput Limitation [basis: Toxic Risk Policy]	N	

IV. Source-Specific Applicable Requirements

Table IV-D
S-62, Oil – Water Separator
S-63, Dissolved Air Flotation Unit (DAF)

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) Separator (9/15/04)**		
8-8-112	Exemption, Wastewater Critical Organic Compound Concentration And/Or Temperature	N	
8-8-113	Exemption, Secondary Wastewater Treatment Processes and Stormwater Sewer Systems	N	
8-8-303	Gauging and Sampling Devices	Y	
8-8-305	Oil-Water Separator And/Or Air Flotation Unit Slop Oil Vessels	N	
8-8-501	API Separator or Air Flotation Bypassed Wastewater Records	N	
8-8-502	Wastewater Critical Organic Compound Concentration And/Or Temperature Records	N	
8-8-503	Inspection and Repair Records	Y	
SIP Regulation 8, Rule 8	**Organic Compounds, Wastewater (Oil-Water) Separator (8/29/94)**		
8-8-112	Exemption, Wastewater Critical Organic Compound Concentration And/Or Temperature	Y	
8-8-113	Exemption, Secondary Wastewater Treatment Processes and Stormwater Sewer Systems	Y	
8-8-303	Gauging and Sampling Devices	Y	
8-8-305	Oil-Water Separator And/Or Air Flotation Unit Slop Oil Vessels	Y	
8-8-501	API Separator or Air Flotation Bypassed Wastewater Records	Y	
8-8-502	Wastewater Critical Organic Compound Concentration And/Or Temperature Records	Y	
8-8-503	Inspection and Repair Records	Y	
BAAQMD Condition #10431	**Permit Conditions**		
Part 1	Wastewater Throughput Limit [basis: cumulative increase]	N	
Part 2	Storm Water Throughput Limit [basis: cumulative increase]	N	
Part 3	Record Keeping Requirements [basis: Regulation 8-8-501]	Y	
Part 4	Exemption Requirements [basis: Regulation 8-8-502]	Y	

IV. Source-Specific Applicable Requirements

Table IV-E
S-70, Paint Spray Operation - Maintenance

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 3	**Organic Compounds, Architectural Coatings (7/1/09)**		
8-3-301	VOC Content limits	N	
8-3-301	Table 1	N	
8-3-301	Table 2	N	01/01/2011
8-3-302	Most Restrictive VOC Limits	N	
8-3-302.1	Most Restrictive VOC Limits	N	
8-3-302.2	Most Restrictive VOC Limits	N	01/01/2011
8-3-303	Sell-Through of Coatings	N	
8-3-304	Painting Practices and Solvent Usage and Storage	N	
8-3-305	Prohibition of Excess Thinning	N	
8-3-306	Rust Preventative Coatings	N	
8-3-307	Coatings Not Listed in Section 8-3-301	N	
8-3-309	Limited Allowance, Industrial Maintenance Coatings	N	
8-3-401	Container Labeling Requirements	N	
8-3-402	Petition, Limited Allowance for Industrial Maintenance Coatings	N	
SIP Regulation 8, Rule 3	**Organic Compounds, Architectural Coatings (01/02/04)**		
8-3-301	VOC Content limits	Y	
8-3-302	Most Restrictive VOC Limits	Y	
8-3-303	Sell-Through of Coatings	Y	
8-3-304	Painting Practices	Y	
8-3-305	Prohibition of Excess Thinning	Y	
8-3-306	Rust Preventative Coatings	Y	
8-3-307	Coatings Not Listed in Section 8-3-301	Y	
8-3-309	Limited Allowance, Industrial Maintenance Coatings	Y	
8-3-401	Container Labeling Requirements	Y	
8-3-402	Petition, Limited Allowance for Industrial Maintenance Coatings	Y	
BAAQMD Regulation 8, Rule 19	**Organic Compounds - Surface Preparation and Coating of Miscellaneous Metal Parts and Products (10/16/02)**		
8-19-110	Exemption - Low Usage Coatings	Y	

IV. Source-Specific Applicable Requirements

Table IV-E
S-70, Paint Spray Operation - Maintenance

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-19-112	Exemption - Touch Up	Y	
8-19-113	Exemption - Specific Operations	Y	
8-19-117	Exemption - Stencil Coating	Y	
8-19-123	Exemption, Solid Film Lubricant	Y	
8-19-133	Exemption - Spray Application Equipment	Y	
8-19-136	Limited Exemption - Specialty Coatings	Y	
8-19-302	VOC Limits	Y	
8-19-307	Prohibition of Specification	Y	
8-19-312	Specialty Coating Limitations	Y	
8-19-313	Spray Application Equipment Limitations	Y	
8-19-320	Solvent Evaporative Loss Minimization	Y	
8-19-321	Surface Preparation Standards	Y	
8-19-405	Low Usage Coating Petition	Y	
8-19-407	Specialty Coating Petition	Y	
8-19-408	Emission Reduction Credits	Y	
8-19-501	Records	Y	
BAAQMD Condition #8425	**Permit Conditions**		
Part 1	Total Coating Usage Limit (basis: cumulative increase)	Y	
Part 2	Net Cleanup Solvent Usage Limit (basis: cumulative increase)	Y	
Part 3	Record Keeping Requirements (basis: BAAQMD Regulation 8-19-501.2)	Y	

Table IV-F
S-71, Solvent Wipe Cleaning Operation

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 (10/16/2002)**		

IV. Source-Specific Applicable Requirements

Table IV-F
S-71, Solvent Wipe Cleaning Operation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-111	Exemption, Wipe Cleaning	Y	
8-16-501	Solvent Records	Y	
8-16-501.2	Facility-wide Annual Solvent Usage Records	Y	
8-16-501.3	Annual Records of Type and Amount of Solvent Used for Wipe Cleaning	Y	
BAAQMD Condition #8427	**Permit Conditions**		
Part 1	Solvent Usage Limit (basis: cumulative increase)	Y	
Part 2	Record Keeping Requirements (basis: BAAQMD Regulation 8-16-501)	Y	

Table IV-G
S-72, Sand Blast Facility

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
CA Title 17	**State Provisions for Sandblasting**	N	
BAAQMD Regulation 6 Rule 1	**Particulate Matter and Visible Emissions (12/05/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/04/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	

IV. Source-Specific Applicable Requirements

Table IV-G
S-72, Sand Blast Facility

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
CA Title 17	**State Provisions for Sandblasting**	N	
BAAQMD Condition #13445	**Permit Conditions**		
Part 1	Abrasive Usage Limit – Annually (basis: cumulative increase)	Y	
Part 2	Abrasive Usage Limit – Daily (basis: cumulative increase)	Y	
Part 3	Abatement by Dust Collector (basis: cumulative increase)	Y	
Part 4	Record Keeping Requirements (basis: cumulative increase)	Y	
Part 5	Ringelmann No. 1 or cause nuisance due to fallout (basis: Regulation 6-301)	Y	

Table IV - H
Source-specific Applicable Requirements
S-73 AND S-74, COOLING TOWERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter and Visible Emissions (12/05/07)**		
6-1-301	Ringelmann No. 1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/04/98)**		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	

V. SCHEDULE OF COMPLIANCE

The permit holder shall continue to 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 #401
For S-5, S-6, S-7 [Boilers Nos. 5, 6 & 7]

1. S-5 through S-7, Boilers, shall be fired exclusively on PUC quality natural gas. (basis: District Regulation 2-1-301)

Condition #6583
For S-58 [Service Station]

1.* Pursuant to BAAQMD Toxic Section policy, this facility's annual throughput shall not exceed 1.7 million gallons in any consecutive 12 month period. [basis: Toxic Risk Policy]

Condition #8425
For S-70 [Maintenance Coating Operation]

1. The total amount of all coatings applied at S-70 shall not exceed 6500 gallons during any consecutive 12 month period. [basis: cumulative increase]

2. The net amount of cleanup solvent used at S-70 shall not exceed 500 gallons in any consecutive 12 month period. [basis: cumulative increase]

3. In order to demonstrate compliance with the above conditions, the following records shall be maintained in a District approved log. These records shall be kept on site and made available for District inspection for a period of five (5) years from the date on which a record is made. [basis: Regulation 8-19-501]

   a The type, VOC content as applied, and amount of coating applied daily.
   b. The substrate to which the coating is applied and the Rule and Section Number of Regulation 8 that limits the VOC content of the coating.
   c. The type and amount of solvent used for surface preparation or cleanup on a daily basis.

VI. Permit Conditions

d. The daily quantities shall be totaled on a monthly basis.

Condition #8427
For S-71 [Solvent Wipe Cleaning]

1. The net amount of Shell 140 solvent or a similar solvent with an equivalent VOC content used at Source S-71 shall not exceed 150 gallons in any consecutive 12 month period. [Basis: cumulative increase]

2. In order to demonstrate compliance with the above conditions, the following records shall be maintained in a District-approved log. These records shall be kept on site and be available for District inspection for a period of five (5) years from the date on which a record is made. [Basis: Regulation 8-16-501]

   a. The amount of each type of solvent used monthly
   b. The monthly quantity of solvent waste removed for disposal
   c. The monthly quantities shall be totaled on a quarterly basis

Condition #10431
For S-62, and S-63 [Oil-Water Separator]

*1. The total throughput of the normal waste water that is normally being treated at sources S-62 and S-63, shall not exceed 50,000,000 gallons of oily wastewater during any consecutive twelve month period. District-approved flow meters shall be installed and maintained to verify compliance with this condition. [Basis: cumulative increase]

*2. The total throughput of storm water that is being treated at sources S-62, and S-63, shall not exceed 90,720,000 gallons during any consecutive twelve month period. Estimates of the storm water treated by sources S-62 and S-63 shall be compiled and maintained by the operator. [Basis: cumulative increase]

3. In order to demonstrate compliance with the above conditions, the owner/operator of S-62, and S-63shall maintain the following records in a District-approved log. These records shall be kept on site and made available for District inspection for a period of at least five (5) years from the date that the record was made. [Basis: Regulation 8-8-501]
   a. Daily throughput of normal wastewater at S-62 and S-63, summarized on a monthly basis.
   b. Daily hours of operation, summarized on a monthly basis.

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c. Monthly estimate of storm water processed by sources S-62 and S-63, summarized on a yearly basis.

4. In order to maintain the exemption from controls as specified in Regulation 8, Rule 8, Sections 301, 302, 306, 307 and 308, the owner/operator of source S-62, and S-63 shall test the wastewater semiannually and maintain records on the date, time of test, location and wastewater temperature and/or critical organic compound concentration (volume) as required by Regulation 8, Rule 8, Section 502. These records shall be retained and available for inspection by the APCO for at least five (5) years. [Basis: Regulation 8-8-502]

Condition #13445
For S-72 [Sand Blasting Facility]

1. The total amount of abrasive used at Sandblasting Facility S-72 and A-72 shall not exceed 384 tons during any consecutive twelve month period. [Basis: cumulative increase]

2. The total amount of abrasive used at S-72 and A-72 shall not exceed 16.0 tons during any day. [Basis: cumulative increase]

3. Emissions from Sandblasting Facility S-72 shall be abated by the properly maintained Dust Collector System A-72 at all times that S-72 is operating. A District-approved dust collector failure warning device must be in operation at all such times. [Basis: cumulative increase]

4. In order to demonstrate compliance with the above conditions, the owner/operator of S-72 and A-72 shall maintain the following records in a District approved log. These records shall be kept on site and made available for District inspection for a period of five (5) years from the date that the record was made. [Basis: cumulative increase]

   a. Daily throughput of abrasive material, summarized on a monthly basis.
   b. Daily hours of operation, summarized on a monthly basis.

5. Visible particulate emissions from source S-72 and A-72 shall not exceed Ringelmann 1.0 or result in fallout on adjacent property in such quantities as to cause a public nuisance per Regulation 1-301. [Basis: Regulation 6-301]

VI. Permit Conditions

Condition # 22820 for S-36, Emergency Diesel Generator

*1. The owner/operator shall not exceed 20 hours per year per engine for reliability-related testing. [Basis: "Regulation 2-5]

*2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e) (2) (A) (3) or (e) (2) (B) (3)]

*3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e) (4) (G) (1)]

*4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request
a. Hours of operation for reliability-related activities (maintenance and testing).
b. Hours of operation for emission testing to show compliance with emission limits.
c. Hours of operation (emergency).
d. For each emergency, the nature of the emergency condition.
e. Fuel usage for each engine(s).
[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e) (4) (I), (or, Regulation 2-6-501)]

*5. At School and Near-School Operation: If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:
The owner/operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:
a. Whenever there is a school-sponsored activity (if the engine is located on school grounds)

VI. Permit Conditions

b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session.

"School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property but does not include unimproved school property. [Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e) (2) (A) (1)] or (e) (2) (B) (2)].

Condition #22851 for S-49, S-51 and S-43 Diesel Engine Firewater Pump

*1. Operating for reliability-related activities is limited to no more than 34 hours per year per engine which is the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25. This emergency fire pump is subject to the current National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations]

*2. The owner or operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, state or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, state or Federal emission limits is not limited.
[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(B)(3)]

*3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.
[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(G)(1)]

*4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic

VI. Permit Conditions

Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.

a. Hours of operation for reliability-related activities (maintenance and testing).
b. Hours of operation for emission testing to show compliance with emission limits.
c. Hours of operation (emergency).
d. For each emergency, the nature of the emergency condition.
e. Fuel usage for each engine(s).

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(I), (or, Regulation 2-6-501)]

*5. At School and Near-School Operation:
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:
The owner or operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:

f. Whenever there is a school sponsored activity (if the engine is located on school grounds)
g. Between 7:30 a.m. and 3:30 p.m. on days when school is in session. "School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property but does not include unimproved school property.

[Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(1)] or (e)(2)(B)(2)]

VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included to summarize the applicable 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), daily (D), 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.

This section is only a summary of the limits and monitoring requirements. In the case of a conflict with any requirement in Sections I-VI, the preceding sections take precedence over Section VII.

Table VII-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

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 6-1-301	Y		Ringelmann No. 1 during any 3 min/hr	None	N	N/A
	SIP Regulation 6-301	Y		> Ringelmann No. 1 for no more than 3 min/hr	None	N	N/A
	BAAQMD Regulation 6 6-1-304	Y		Ringelmann No. 2 during tube cleaning	None	N	N/A
	SIP Regulation 6-304	Y		> Ringelmann No. 2 during tube cleaning for no more than 3 min/hr	None	N	N/A
Opacity	40 CFR 75	Y		None	40 CFR 75.14(c)	N	

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

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 Regulation 6-1-310.3	Y		0.15 grains/dscf @ 6% O_2	None	N	N/A
FP	SIP Regulation 6-310.3	Y		0.15 grains/dscf @ 6% O_2	None	N	N/A
SO_2	BAAQMD Regulation 9-1-301	Y		Ground Level Concentration of 0.5 ppm for 3 minutes or 0.25 ppm for 60 minutes or 0.05 ppm for 24 hours	None	N	N/A
SO2	BAAQMD Regulation 9-1-302	Y		300 ppmvd	None	N	N/A
SO2	40 CFR 75	Y		None	40 CFR 75	P/Q	calculations
NOx	BAAQMD Regulation 9-3-301	N		175 ppmv @ 3% O_2 (dry basis) for natural gas firing	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS
NOx	BAAQMD Regulation 9-11-302.1.1	Y		175 ppmv @ 3% O_2 (dry basis) for natural gas firing based on a clock hour average	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS
NOx	BAAQMD Regulation 9-11-308	Y		0.28 lbs/MMBTU system-wide average over previous 30 days	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS
NOx	BAAQMD Regulation 9-11-309.1	N		0.018 lbs/MMBTU system-wide average on a clock hour average	BAAQMD Regulation 1-520.1 9-11-501, 503	C	CEMS

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII-A
S-5, Boiler No. 5, Power Generation
S-6, Boiler No. 6, Power Generation
S-7, Boiler No. 7, Power Generation

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
NOx	40 CFR 75	Y		None	40 CFR 75	C	CEMS
CO	BAAQMD Regulation 9-11-310.1	Y		400 ppmv @ 3% O_2 (dry basis) during steady state compliance tests	BAAQMD Regulation 9-11-501, 503	C	CEMS
CO	BAAQMD Regulation 9-11-310.2	Y		1000 ppmv @ 3% O_2 (dry basis) during normal operation on a clock hour average	BAAQMD Regulation 9-11-501, 503	C	CEMS
Ammonia	BAAQMD Regulation 9-11-311	Y		10 ppmv @ 3% O_2 (dry basis) based on rolling 60 minute average upon SCR	BAAQMD Regulation 9-11-402	P/Q	Quarterly tests

Table VII–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

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 Regulation 6-1-303.1	N		Ringelmann No. 2.0 for no more than 3 min/hr	BAAQMD Regulation 6-1-401	P/W	Visible Inspection during reliability testing
FP	SIP Regulation 6-303.1	Y		> Ringelmann No. 2 for no more than 3 min/hr	BAAQMD Regulation 6-1-401	P/W	Visible Inspection during reliability testing

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII–B
S-36 EMERGENCY DIESEL GENERATOR
S-49, S-51 AND S-53 DIESEL FIRE PUMPS

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 Regulation 6-1-310.1	N		0.15 gr/dscf	None	N	None
FP	SIP Regulation 6-310.1	Y		0.15 gr/dscf	None	N	N/A
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	None	N	None
SO_2	BAAQMD Regulation 9-1-304	Y		Fuel Sulfur Limit 0.5%	None	P/M	None
Operating Time	BAAQMD Regulation 9-8-330.2 Condition #22820, Part 1	N	Until 1/1/2012	20 hours per year	BAAQMD Condition # 22820, Part 4	P/D	Records
Operating Time	BAAQMD Regulation 9-8-330.2 Condition #22834	N	Until 1/1/2012	34 hours per year	BAAQMD Condition # 22834 Part 4	P/D	Records
Operating Time	BAAQMD Regulation 9-8-330.3	N	Effective 1/1/2012	20 hours per year	BAAQMD Regulation 9-8-502, 530	P/D	Records
Operating Time	BAAQMD Regulation 9-8-330.3	N	Effective 1/1/2012	34 hours per year	BAAQMD Regulation 9-8-502, 530	P/D	Records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII-C
S-58, Service Station

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 Regulation 8-7-301.10	Y		Installed & modified only if the system is 98% controlled or highest vapor recovery rate specified by CARB		Event	CARB Re-Certification
VOC	BAAQMD Regulation 8-7-301.6	Y		Leak Free & Vapor Tight on Phase I equipment	BAAQMD Regulation 8-7-301.13	P/A	Source Test
VOC	BAAQMD Regulation 8-7-302.8	Y		Minimum liquid removal rate of 5 ml/gal		N	
VOC	BAAQMD Regulation 8-7-302.10	Y		Connector between riser and dispenser < 1 inch diameter		N	Visual Check
VOC	BAAQMD Regulation 8-7-302.12	Y		Liquid retain in nozzle < 100 ml/1000gal		N	
VOC	BAAQMD Regulation 8-7-302.13	Y		Spitting from nozzle < 1 ml/nozzle		N	
VOC	BAAQMD Regulation 8-7-302.14.2	Y		Dynamic back pressure < 0.15, 0.45, 0.95" water when measure nitrogen flow rate of 20, 60 and 100 CFH	BAAQMD Regulation 8-7-302.14	P/A	Source Test
Fuel Throughput	BAAQMD Permit Condition #6583	N		1.7 million gallons in any 12 consecutive months	BAAQMD Regulation 8-7-503	P/M	Records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII-D
S-62, Oil-Water Separator
S-63, Dissolved Air Flotation Unit (DAF)

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 Regulation 8-8-112	Y		1.0 ppm critical organic compounds	BAAQMD Regulation 8-8-502	P/ Semi-annual	Sampling
VOC	SIP Regulation 8-8-112	Y		1.0 ppm critical organic compounds	SIP Regulation 8-8-502	P/ Semi-annual	Sampling
Wastewater Throughput	BAAQMD Permit Condition #10431, #Part 1	N		50 million gallons in any 12 consecutive months	BAAQMD Permit Condition #10431, Part #3	C	Flow Meter
Stormwater Throughput	BAAQMD Permit Condition #10431, Part #2	N		90.72 million gallons in any 12 consecutive months	BAAQMD Permit Condition #10431, Part #3	C	Flow Meter

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII-E
S-70, Paint Spray Operation - Maintenance

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 Regulation 8-3-301	N		VOC Contain Limits Table 1	BAAQMD Regulation 8-3-401.3	P/E	Labeling
VOC	BAAQMD Regulation 8-3-301	N	1/1/2011	VOC Contain Limits Table 2	BAAQMD Regulation 8-3-401.3	P/E	Labeling
VOC	SIP Regulation 8-3-301	Y		content of coating less than 250 grams per liter	SIP Regulation 8-3-401.3	P/E	Labeling
VOC	BAAQMD Regulation 8-3-302.14	N		content of coating less than 250 grams per liter	BAAQMD Regulation 8-3-401.3	P/E	Labeling
VOC	BAAQMD Regulation 8-3-302.2	N	1/1/2011	content of coatings < specified VOC content	BAAQMD Regulation 8-3-401.3	P/E	Labeling
VOC	SIP Regulation 8-3-302	Y		content of coatings < specified VOC content	SIP Regulation 8-3-401.3	P/E	Labeling
VOC	BAAQMD Regulation 8-3-304	Y		content of coatings < specified VOC content	Regulation 8-3-403	P/E	Labeling
VOC	BAAQMD Regulation 8-19-302	Y		content of air dried coating < 2.8 lb/gal	BAAQMD Regulation 8-19-501	P/E	Records
VOC	BAAQMD Regulation 8-19-312	Y		content of coatings < specified VOC content	BAAQMD Regulation 8-19-501	P/E	Records
Coating usage	BAAQMD Permit Condition #8425, Part #1	Y		6500 gallons in any 12 consecutive months	BAAQMD Permit Condition #8425, Part #3	P/E	Records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII-E
S-70, Paint Spray Operation - Maintenance

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Cleanup Solvent usage	BAAQMD Permit Condition #8425, Part #2	Y		500 gallons in any 12 consecutive months	BAAQMD Permit Condition #8425, Part #3	P/E	Records

Table VII-F
S-71, Solvent Wipe Cleaning Operation

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC		N			BAAQMD 8-16-501	P/M	Records
		Y			SIP 8-16-501	P/M	Records
VOC	SIP 8-16-304	Y		Trichloroethylene usage $\leq$ 3.2 gallons per day	8-16-501	P/E	Records
Solvent Usage	BAAQMD Permit Condition #8427 part #1	Y		150 gallons in any 12 consecutive months	BAAQMD Permit Condition 8427 part 3	P/E	Records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII-G
S-72, Sand Blasting Facility

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 6-1-301 And BAAQMD Permit Condition 13445 part 5	Y		Ringelmann 1 for 3 minutes/hr	BAAQMD Condition 13345, Part 3	C	Differential Pressure Failure Warning System
Opacity	SIP Regulation 6-301 And	Y		Ringelmann 1 for 3 minutes/hr		C	Differential Pressure Failure Warning System
FP	BAAQMD Regulation 6-1-310	Y		No emissions from source > 0.15 grains per dscf of gas volume	BAAQMD Condition 13345, Part 3	C	Differential Pressure Failure Warning System
FP	SIP Regulation 6-310	Y		No emissions from source > 0.15 grains per dscf of gas volume		C	Differential Pressure Failure Warning System
Abrasive Usage (Annual)	BAAQMD Permit Condition 13445 part 1	Y		384 tons in any 12 consecutive months	BAAQMD Permit Condition 13445 part 4	P/E	Records
Abrasive Usage (Daily)	BAAQMD Permit Condition 13445 part 2	Y		16 ton/day	BAAQMD Permit Condition 13445 part 4	P/E	Records

VII. Applicable Limits & Compliance Monitoring Requirements

Table VII - H
S-73 AND S-74, COOLING TOWERS

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 6-1-301	Y		< Ringelmann 1 for more than 3 min/hr		N	None
Opacity	SIP Regulation 6-301	Y		> Ringelmann No. 1 for no more than 3 min/hr	None	N	N/A
Particulate Weight	BAAQMD Regulation 6-1-310	Y		0.15 grains per dscf		N	None
Particulate Weight	SIP Regulation 6-310	Y		0.15 grains per dscf		N	None

VIII. TEST METHODS

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

Table VIII

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-1-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume 1, Evaluation of Visible Emissions
BAAQMD 6-1-304	Tube Cleaning	Manual of Procedures, Volume 1, Evaluation of Visible Emissions
BAAQMD 6-1-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling or EPA Reference Method 5 (40 CFR 60, Appendix A), Determination of Particulate Emissions from Stationary Sources
BAAQMD 8-2-301	Miscellaneous Operations; VOC Limits	Manual Procedures, Volume IV, Procedure ST-7, Non-Methane Organic Carbon Sampling
BAAQMD 8-3-302	VOC 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
BAAQMD 8-3-304	VOC 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.
BAAQMD 8-7-301	Phase I Vapor Recovery Requirements	Manual of Procedures, Volume IV, ST-30, Gasoline Vapor Recovery Leak Test Procedure; and ST-36, Gasoline Dispensing Facility Phase I Volumetric Efficiency

VIII. Test Methods

Table VIII

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 8-7-302	Phase II Vapor Recovery Requirements	Manual of Procedures, Volume IV, ST-27, Dynamic Back Pressure; ST-30, Vapor Tightness; ST-37, Liquid Removal; ST-39, Air to Liquid Volume Ratio; and ST-41, Liquid Retain and Spitting from Nozzles
BAAQMD 8-7-301.2	Gasoline Vapor Recovery	BAAQMD Manual of Procedures, Volume IV, ST-36, Gasoline Dispensing Facility Phase I Volumetric Efficiency
BAAQMD 8-8-112	Wastewater (Oil-Water) Separators; Exemption Wastewater Critical Organic Compound Concentration And/Or Temperature	Manual Procedures, Volume III, Lab Method 33, Wastewater Analysis for Critical Organic Compounds
BAAQMD 8-19-302	VOC 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 IV, ST-7 or EPA Method 25 or 25A, Determination of Emissions of Volatile Organic Compounds. If EPA Method 25 or 25A is used, control device equivalency (if applicable) is determined as prescribed in 55 FR 26865.
BAAQMD 8-19-312	VOC 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 IV, ST-7 or EPA Method 25 or 25A, Determination of Emissions of Volatile Organic Compounds If EPA Method 25 or 25A is used, control device equivalency (if applicable) is determined as prescribed in 55 FR 26865

VIII. Test Methods

Table VIII

Applicable Requirement	Description of Requirement	Acceptable Test Methods
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 9-3-301	NOx Emissions for Units Rated at 1.75 billion BTU Per Hour or More	District Manual of Procedures, Volume IV, ST-13A, Determination of Nitrogen Oxides; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide, ST-6
BAAQMD 9-11-302	NOx Emissions from Utility Electric Power Generating Boilers, Interim Compliance NOx Emission Limits for Boilers with a Rated Heat Input Capacity Greater Than or Equal to 1.75 billion BTU/hour	District Manual of Procedures, Volume IV, ST-13A, Determination of Nitrogen Oxides; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide, ST-6
BAAQMD 9-11-302.1.1	NOx Emissions from Utility Electric Power Generating Boilers, Gaseous Fuel	District Manual of Procedures, Volume IV, ST-13A, Determination of Nitrogen Oxides; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide, ST-6
BAAQMD 9-11-308	System-wide NOx Emission Rate Limit	District Manual of Procedures, Volume IV, ST-13A, Determination of Nitrogen Oxides; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide
BAAQMD 9-11-309	Advanced Technology Alternative Emission Control Plan	District Manual of Procedures, Volume IV, ST-13A, Determination of Nitrogen Oxides; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide
BAAQMD 9-11-309.1	System-wide NOx Emission Rate Limits	District Manual of Procedures, Volume IV, ST-13A, Determination of Nitrogen Oxides; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide
BAAQMD 9-11-310.1	CO Emission Limits During Steady-State Compliance Tests	District Manual of Procedures, Volume IV, ST-6, Determination of Carbon Monoxide; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide, ST-6,

VIII. Test Methods

Table VIII

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 9-11-310.2	CO Emission Limits During Normal Operations	District Manual of Procedures, Volume IV, ST-6, Determination of Carbon Monoxide; ST-14, Determination of Oxygen; ST-5, Determination of Carbon Dioxide
BAAQMD 9-11-311	Ammonia Emission Limit for Boilers with a Rated Heat Input Capacity Greater Than or Equal to 250 million BTU/hour	District Manual of Procedures, Volume IV, ST-1B, EPA Method 350.3 and Determination of Ammonia, or alternative method approved by the APCO

IX. REVISION HISTORY

Initial Issuance (Application # 15104):	September 14, 1998
Change to non-federally enforceable requirements Inclusion of Regulation 9, Rule 11 requirements as permit conditions. (Application # 19623)	April 1, 1999
Administrative Amendment (No Application): Change in dates of monitoring report periods and compliance certification periods. Change in language in sections I.F and I.G to current standard.	February 6, 2001
Minor Revision (Application # 1882): Addition of Selective Catalytic Reduction (SCR) to S-5 and S-6, Boilers. Deletion of out-dated SIP requirements. Changes to permit to conform with rule changes of May 2, 2001; update standard permit language; revise dates of rules; add accidental release requirements, correct citations of BAAQMD Regulation 6 in Section VII. Change in name of facility. Updating of GDF and wipe cleaning requirements.	November 20, 2001
Renewal (Title V, App. # 7179 & Title IV, App. # 6442): Change names of responsible officers at the plant. Deletion of out-dated SIP requirements. Remove fuel oil burning option for all boilers. Shut down 4 boilers (S-1 through S-4). Add one emergency generator and three Fire water pumps and their associated conditions. Add two cooling towers. Add new requirements for gasoline dispensing station as they became effective. Generate the statement of basis for all changes listed above.	April 15, 2005
Renewal Title V Permit (Application # 21136)	July 31, 2012
Administrative Amendment (Application # 25323) Change both the Primary Responsible Official and Secondary Responsible Official.	July 8, 2013
Administrative Amendment (Application # 26914) Change the Responsible Official Delete Secondary Responsible Official because it is not supported by 40 CFR Part 70 or BAAQMD Regulation 2, Rule 6	May 18, 2015

X. GLOSSARY

ACT
Federal Clean Air Act

AB 2588
California Assembly Bill 2588 (Air Toxic "Hot Spots" Program)

APCO
Air Pollution Control Officer

ASTM
American Society for Testing and Materials

BAAQMD
Bay Area Air Quality Management District

BACT
Best Available Control Technology

CAA
The federal Clean Air Act

CAAQS
California Ambient Air Quality Standards

CEMS
Continuous Emission Monitoring System

CEQA
California Environmental Quality Act

CFR
The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

CMS
Continuous Monitoring System

CO
Carbon Monoxide

COM
Continuous Opacity Monitor

Cumulative Increase
The sum of permitted emissions from each new or modified source since a specified date. Used to determine whether threshold-based requirements are triggered.

District
The Bay Area Air Quality Management District

EPA
The federal Environmental Protection Agency

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 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.

X. Glossary

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

FR
Federal Register

GDF
Gasoline Dispensing Facility

GLC
Ground Level Concentration

Grain
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 both 40 CFR Part 63, and District Regulation 2, Rule 5.

Major Facility
A facility with potential emissions of: (1) at least 100 tons per year of regulated air pollutants, (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 as determined by the EPA administrator.

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

N/A
Not applicable

NAAQS
National Ambient Air Quality Standards

NESHAPS
National Emission Standards for Hazardous Air Pollutants (See in 40 CFR Part 61)

NMHC
Non-methane Hydrocarbons

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 preconstruction 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.)

X. Glossary

Offset Requirement
A New Source Review requirement to provide federally enforceable emission offsets at a specified ratio for the emissions from a new or modified source and any pre-existing cumulative increase minus any on-site contemporaneous emission reduction credits. Applies to emissions of POC, NO_X, PM10, and SO_2.

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

PUC Quality Natural Gas
Natural gas that meets the standards of the California Public Utilities Commission's General Order 58-A, Standards for Gas Service in the State of California.

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.

SO_2
Sulfur dioxide

ST
Source test

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

TRMP
Toxic Risk Management Plan

TSP
Total Suspended Particulate

VMS
Branched, cyclic, or linear completely methylated siloxane

VOC
Volatile Organic Compounds

X. Glossary

Units of Measure:

BTU	=	British Thermal Unit
dscf	=	dry standard cubic feet
gal	=	gallon
gr	=	grain, when referring to particulate; gram, when referring to VOC
hp	=	horsepower
hr	=	hour
lb	=	pound
max	=	maximum
min	=	minute
MM	=	million
ppmv	=	parts per million, by volume
psia	=	pounds per square inch, absolute

XI. TITLE IV ACID RAIN PERMIT

Effective: July 31, 2012 through August 1, 2017

ISSUED TO:
GenOn Delta LLC, Pittsburg Generating Station
P.O. Box 192
Pittsburg, CA 94565

PLANT SITE LOCATION:
696 West 10th Street
Pittsburg, CA 94565

ISSUED BY:

Signed by Jim Karas, P.E. — May 18, 2015
Jim Karas, P.E. — Date
Director of Engineering

Type of Facility: **Electric Generation**
Primary SIC: **4911**
Product: **Electricity**

FACILITY CONTACT:
Name: Tom Bertolini
Title: Sr. Environmental Engineer
Phone: (925) 427-3503

RESPONSIBLE OFFICIAL:
Name: Lawrence Penn
Title: Plant Manager
Phone: (925) 427-3583

XI. Title IV Acid Rain Permit

ACID RAIN PERMIT CONTENTS

1) Statement of Basis

2) SO_2 allowance allocated under this permit and NOx requirements for each affected unit.

3) Comments, notes and justifications regarding permit decisions and changes made to the permit application forms during the review process, and any additional requirements of conditions.

4) The permit application submitted for this source. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

1) STATEMENT OF BASIS

Statutory and regulatory Authorities: In accordance with District Regulation 2, Rule 7 and Titles IV and V of the Clean Air Act, the Bay Area Air Quality Management District issues this permit pursuant to District Rule Regulation 2, Rule 7.

2) SO2 ALLOWANCE ALLOCATIONS

	Year	**2012**	**2013**	**2014**	**2015**	**2016**
BOILER 5 BAAQMD S-5	SO_2 allowances under Tables 2, 3, or 4 of 40 CFR Part 73	285*	285*	285*	285*	285*
	NOx Limit	This unit is not subject to the NOx requirements from 40 CFR Part 76 as this unit is not capable of firing on coal.				

	Year	**2012**	**2013**	**2014**	**2015**	**2016**
BOILER 6 BAAQMD S-6	SO_2 allowances under Tables 2, 3, or 4 of 40 CFR Part 73	3753*	3753*	3753*	3753*	3753*
	NOx Limit	This unit is not subject to the NOx requirements from 40 CFR Part 76 as this unit is not capable of firing on coal.				

XI. Title IV Acid Rain Permit

	Year	2012	2013	2014	2015	2016
BOILER 7 BAAQMD S-7	SO_2 allowances under Tables 2, 3, or 4 of 40 CFR Part 73	740*	740*	740*	740*	740*
	NOx Limit	This unit is not subject to the NOx requirements from 40 CFR Part 76 as this unit is not capable of firing on coal.				

* The number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA and would not require a revision to the unit SO_2 allowance allocations identified in this permit.

3) COMMENTS, NOTES AND JUSTIFICATIONS

None

4) PERMIT APPLICATION

Attached

XII. TITLE IV ACID RAIN APPLICATION

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0258

Acid Rain Permit Application

For more information, see instructions and 40 CFR 72.30 and 72.31.

This submission is: ~ new ~ revised X for Acid Rain permit renewal

STEP 1

Identify the facility name, State, and plant (ORIS) code.

Facility (Source) Name: Mirant Delta, LLC., Pittsburg Power Plant	State: CA	Plant Code: 271

STEP 2

Enter the unit ID# for every affected unit at the affected source in column "a."

a	b
Unit ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)
5 (Boiler 5 BAAQMD S-5)	Yes
6 (Boiler 6 BAAQMD S-6)	Yes
7 (Boiler 7 BAAQMD S-7)	Yes

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XII. Title IV Acid Rain Application

Facility (Source) Name (from STEP 1): Mirant Delta, LLC., Pittsburg Power Plant

Acid Rain - Page 2

STEP 3

Read the standard requirements.

Permit Requirements

(1) The designated representative of each affected source and each affected unit at the source shall:

(i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and

(ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;

(2) The owners and operators of each affected source and each affected unit at the source shall:

(i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and

(ii) Have an Acid Rain Permit.

Monitoring Requirements

(1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.

(2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the source or unit, as appropriate, with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.

(3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements

(1) The owners and operators of each source and each affected unit at the source shall:

(i) Hold allowances, as of the allowance transfer deadline, in the source's compliance account (after deductions under 40 CFR 73.34(c)), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the affected units at the source; and

(ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.

(2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.

(3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:

(i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or

(ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).

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XII. Title IV Acid Rain Application

Facility (Source) Name (from STEP 1): Mirant Delta, LLC., Pittsburg Power Plant

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Sulfur Dioxide Requirements, Cont'd.

STEP 3, Cont'd.

(4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
(6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements

(1) The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
(2) The owners and operators of an affected source that has excess emissions in any calendar year shall:
(i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
(ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements

(1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
(i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year

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XII. Title IV Acid Rain Application

Facility (Source) Name (from STEP 1): Mirant Delta, LLC., Pittsburg Power Plant

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period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;

STEP 3, Cont'd.

Recordkeeping and Reporting Requirements, Cont'd.

(ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
(iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
(2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
(5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
(6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.
(7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:
(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated

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XII. Title IV Acid Rain Application

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Facility (Source) Name (from STEP 1): Mirant Delta, LLC., Pittsburg Power Plant

representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating

Effect on Other Authorities, Cont'd.

STEP 3, Cont'd.

to applicable National Ambient Air Quality Standards or State Implementation Plans;
(2) Limiting the number of allowances a source can hold; *provided,* that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Act;
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

STEP 4
Read the certification statement, sign, and date.

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name: James P. Garlick	
Signature	Date 9-25-09

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