Bay Area Air Quality Management District

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

Proposed

MAJOR FACILITY REVIEW PERMIT

Issued To:

Graphic Packaging International, Inc.
Facility #A0732

Facility Address:
2600 De La Cruz Blvd
Santa Clara, CA 95050-2663

Mailing Address:
2600 De La Cruz Blvd
Santa Clara, CA 95050-2663

Responsible Official	**Facility Contact**
Richard M. Johnston, General Manager	Rick Horne, ~~Technical Superintendent~~ Environmental Manager
(408) 496-5118	(408) 496-5080

Type of Facility:	Recycled Paperboard ~~with~~ Mill ~~a 26 MW Cogeneration Plant~~ and Cogeneration Plant	BAAQMD Permit Division Contact: ~~Dick Wocasek~~Brenda Cabral
Primary SIC:	2631	
Product:	Recycled Paperboard & Electricity	

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Jack Broadbent, Executive Officer/Air Pollution Control Officer

Date

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I. STANDARD CONDITIONS

A. Administrative Requirements

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

BAAQMD Regulation 1 - General Provisions and Definitions
(as amended by the District Board on 7/8/08~~5/2/01~~);
SIP Regulation 1 - General Provisions and Definitions
(as approved by EPA through 6/28~~8/27~~/99);
BAAQMD Regulation 2, Rule 1 - Permits, General Requirements
(as amended by the District Board on 3/4/09~~5/2/01~~);
SIP Regulation 2, Rule 1 - Permits, General Requirements
(as approved by EPA through 1/26~~2/25~~/99);
BAAQMD Regulation 2, Rule 2 - Permits, New Source Review
(as amended by the District Board on ~~5/17/00~~6/15/05);
SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration
(as approved by EPA through 1/26~~2/25~~/99);
BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking
(as amended by the District Board on 12/21/04~~5/17/00~~);
SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(as approved by EPA through 1/26~~2/25~~/99); and
BAAQMD Regulation 2, Rule 5 – New Source Review of Toxic Air Contaminants
(as adopted by the District Board on 6/15/05); and
BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review
(as amended by the District Board on 4/16/03~~5/2/01~~).

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

1. This Major Facility Review Permit expires on [ ]. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than [ ] and no earlier than [ ]. **If a complete application for renewal has not been submitted in accordance with these deadlines, the facility may not operate after [ ].** If the permit renewal has not been issued by [ ], 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. (Regulation 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 may 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. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)
5. The filing of a request by the facility for a permit modification, revocation and 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. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, or any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit ~~which~~ 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 Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions or the potential to emit for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)
11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (MOP Volume II, Part 3, §4.11)
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)

C. Requirement to Pay Fees

I. Standard Conditions

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

D. Inspection and Entry

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

E. Records

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)
2. Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of entry. (Regulation 2-6-501~~, Regulation 3~~; MOP Volume II, Part 3, §4.7)

F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. ~~After the report for the period ending August 16, 2000, the next report shall be for the period starting August 17, 2000 and ending January 31, 2001. The report shall be submitted by February 28, 2001.~~ Monitoring ~~Subsequent~~ reports shall be submitted for the following periods: February 1st through July ~~—~~31st and August 1st through January 31st, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent to the following address:

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

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

G. Compliance Certification

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification period will be February 1st ~~to~~through January 31st. The certification shall be submitted by February 28th 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,

I. Standard Conditions

and any other specific information required by the permit. The permit holder may satisfy this requirement through submittal of District-generated Compliance Certification forms. The certification should be directed to the District's Compliance and Enforcement Division at the address above, and a copy of the certification should be sent to the Environmental Protection Agency at the following address:

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

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

H. Emergency Provisions

1. The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)

2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit ~~caused by conditions beyond the permit holder's reasonable control~~ 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. ~~Notwithstanding the foregoing,~~ The granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement. (MOP Volume II, Part 3, §4.8)

I. Severability

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

I. Standard Conditions

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)

II. EQUIPMENT LIST

~~A. Permitted Source List~~

~~Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2-1-302.~~

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
S6	Gas Turbine, natural gas only, with Steam Injection (26 MW nominal)	General Electric	LM2500	~~219 MMbtu/hr~~ 2190 therms/~~(26 MW)~~
S7	Duct Burner, natural gas	Coen	C-0700-248	~~70 MMbtu/hr~~75 MMbtu/hr, HHV (limited to 70.2 MMbtu/hr, HHV)
S9	Standby Boiler, with low NOx Burners and Flue Gas Recirculation, natural gas & distillate oil (cannot fire both simultaneously)	Cleaver-Brooks	W-3813	161 MMbtu/hr
S10	~~Recycle Paper Machine Steam Dryers~~Papermaking including pulping, separation processes, web production, and drying	Kobayashi	Not Applicable	146,000 ton/12 month period
S11	Cold Cleaner	ZEP Dynaclean		30 gallons of volume
S12	Cold Cleaner	ZEP Dynaclean		30 gallons of volume
S13	Cold Cleaner	ZEP Dynaclean		30 gallons of volume
S14	Fire Pump Engine	1984 Fairbanks Morse		223 hp
S16	Felt Cleaning	Custom		

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Table II-C – Significant Sources

The following source is exempt from the requirement to obtain an authority to construct and permit to operate, but is defined as a significant source pursuant to BAAQMD Regulation 2-6-239.

S#	Description	Make or Type	Model	Capacity
	Cooling Tower			400 gpm 34,000 cfm
S17	Paperboard coating	Custom	Custom	
S18	Paperboard sealing	Custom	Custom	

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 would 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 parenthese~~i~~s in the Title column identify the versions of the regulations being cited and are, as applicable:

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

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

~~Where an applicable requirement is a SIP requirement, the full language of the SIP requirement is included in Appendix A of this permit.~~

NOTE:

There are differences between current BAAQMD rules and the versions of the rules in the SIP. ~~For specific information, contact the District's Rule Development Section of the Enforcement Division.~~ All sources must comply with both versions of a rule until US EPA has reviewed and approved (or disapproved) 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 (~~5/2/01~~5/9/08)	N
SIP Regulation 1	General Provisions and Definitions (6/28~~8/27~~/99)	Y
BAAQMD Regulation 2, Rule 1	General Requirements (3/4/09)	N
BAAQMD 2-1-429	Federal Emissions Statement (12/21/04)	Y
SIP Regulation 2-1-429	Federal Emissions Statement (4/3/95)	Y
SIP Regulation 2, Rule 1	General Requirements (1/26/99)	Y
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y
BAAQMD Regulation 5	Open Burning (7/9/08~~11/2/94~~)	~~Y~~N
SIP Regulation 5	Open Burning (9/4/98)	Y
BAAQMD Regulation 6, Rule 1	Particulate Matter, General Requirements (12/5/07)	N
~~BAAQMD Regulation 6~~	~~Particulate Matter and Visible Emissions~~	~~Y~~
SIP Regulation 6	Particulate Matter and Visible Emissions (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 2	Organic Compounds – Miscellaneous Operations (7/20/05)	N
SIP Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (3/22/95)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (11/21/01~~12/20/95~~)	~~N~~Y
BAAQMD Regulation 8, Rule 40	Organic Compounds - Aeration of Contaminated Soil and Removal of Underground Storage Tanks (6/15/05)	N
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)	N
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 (12/20/95)~~	~~N~~
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)	N
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (~~5/3/84~~6/8/99)	Y

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/98~~12/4/91~~)	~~Y~~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
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
California Health and Safety Code Title 17, Section 93115	Airborne Toxic Control Measure for Stationary Compression Ignition Engines	N
California Health and Safety Code Title 17, Section 93116	Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater	N
40 CFR Part 61, Subpart M	National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (6/19/95)	Y
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (2/21/95)	
Subpart F, 40 CFR 82.156	Leak Repair	Y
Subpart F, 40 CFR 82.161	Certification of Technicians	Y
Subpart F, 40 CFR 82.166	Records of Refrigerant	Y

IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

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

The dates in parenthese~~i~~s in the Title column identify the versions of the regulations being cited and are, as applicable:

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

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements is on EPA Region 9's website. The address is: http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions.~~Additionally, where an applicable requirement is a SIP requirement, the full language of the SIP requirement is included in Appendix A of this permit.~~ All other text may be found in the regulations themselves.

Table IV-Facility
Source-Specific Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
California Health and Safety Code Title 17, Subchapter 10, Article 2	Regulation for the Mandatory Reporting of Greenhouse Gas Emissions	N	
§95100	Purpose	N	
§95101	Applicability	N	
§95102	Definitions	N	
§95103	General Greenhouse Gas Reporting Requirements	N	
§95104	Greenhouse Gas Emissions Data Report	N	

IV. Source-Specific Applicable Requirements

Table IV-Facility
Source-Specific Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
§95105	Document Retention and Record Keeping Requirements	N	
§95106	Confidentiality	N	
§95107	Enforcement	N	
§95108	Severability	N	
§95109	Incorporation by Reference	N	
§95112	Data Requirements and Calculation Methods for Cogeneration Facilities	N	
§95115	Data Requirements and Calculation Methods for General Stationary Combustion Facilities	N	
§95125	Additional Calculation Methods	N	
§95130	Requirements for Verification of Emissions Data Reports	N	
§95131	Requirements for Verification Services	N	
§95132	Accreditation Requirements for Verification Bodies, Lead Verifiers, and Verifiers	N	
§95133	Conflict of Interest Requirements for Verification Bodies	N	
40 CFR Part 98	**Mandatory Greenhouse Gas Reporting**	**Y**	
Subpart A	**General Provisions**		
98.1	Purpose and scope	Y	
98.2	Who must report?	Y	
98.2(a)(2)	Pulp and paper manufacturing	Y	
98.2(a)(3)	Facilities not subject to (a)(2) and (a)(3) with capacity over 30 MMbtu/hr and that emit more than 25,000 metric tons CO2e	Y	
98.2(c)	Calculation of CO2e	Y	
98.2(i)	Duration of reporting	Y	
98.3	What are the general monitoring, reporting, recordkeeping and verification requirements of this part?	Y	
98.3(a)	General	Y	
98.3(b)	Schedule	Y	
98.3(c)	Content of the annual report	Y	
98.3(d)	Special provisions for reporting year 2010	Y	
98.3(e)	Emission calculations	Y	
98.3(f)	Verification	Y	
98.3(g)	Recordkeeping	Y	
98.3(h)	Annual GHG report revisions	Y	

IV. Source-Specific Applicable Requirements

Table IV-Facility
Source-Specific Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
98.3(i)	Calibration accuracy requirements	Y	
98.4	Authorization and responsibilities of the designated representative	Y	
98.5	How is the report submitted?	Y	
98.8	What are the compliance and enforcement provisions of this part?	Y	
Subpart C	General Stationary Fuel Combustion Sources		
98.30	Definition of the source category	Y	
98.31	Reporting threshold.	Y	
98.32	GHGs to report	Y	
98.33	Calculating GHG emissions	Y	
98.34	Monitoring and QA/QC requirements	Y	
98.35	Procedures for estimating missing data	Y	
98.36	Data reporting requirements	Y	
98.37	Records that must be retained	Y	

Table IV-A
Source-Specific Applicable Requirements
S6, Turbine; S7, Duct Burner

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	**General Provisions and Definitions (11/3/93)**		
1-107	Combination of Emissions	Y	
1-520	Continuous Emission Monitoring	Y	
1-520.8	Monitors required per Reg. 2-1-403	Y	
1-522	Continuous Emission Monitoring and Recordkeeping Procedures	Y	
~~1-522.1~~	~~approval of plans and specifications~~	~~Y~~	
~~1-522.2~~	~~scheduling requirements~~	~~Y~~	
~~1-522.3~~	~~CEM performance testing~~	~~Y~~	
1-522.4	reporting of inoperative CEMs	Y	
1-522.5	CEM calibration requirements	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
Source-Specific Applicable Requirements
S6, Turbine; S7, Duct Burner

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
1-522.6	CEM accuracy requirements	Y	
1-522.7	emission limit exceedance reporting requirements	N	
1-522.8	monitoring data submittal requirements	Y	
1-522.9	recordkeeping requirements	Y	
1-602	Area and Continuous Emission Monitoring Requirements	N	
SIP Regulation 1	**General Provisions and Definitions (6/28/99)**		
1-522	Continuous Emission Monitoring and Recordkeeping Procedures	Y[1]	
1-522.7	Monitor excesses	Y[1]	
BAAQMD Regulation 2, Rule 1	**Regulation 2, Rule 1 - Permits, General Requirements (6/7/95)**		
2-1-501	Monitors	~~N~~Y	
BAAQMD Regulation 6, Rule 1	**Particulate Matter, General Requirements (12/5/07)**		
6-1-301	Ringelmann #1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-310.3	Particulate Weight Limitation @ 6% O2	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann #1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-310.3	Particulate Weight Limitation @ 6% O2	Y	
6-401	Appearance of Emissions	Y	
~~**BAAQMD Regulation 6**~~	~~**Particulate Matter and Visible Emissions (12/19/90)**~~		
~~6-301~~	~~Ringelmann Number 1 Limitation~~	~~N~~	
~~6-305~~	~~Visible Particles~~	~~Y~~	
~~6-310~~	~~Particulate Weight Limitation~~	~~Y~~	
~~6-401~~	~~Appearance of Emissions~~	~~Y~~	

IV. Source-Specific Applicable Requirements

Table IV-A
Source-Specific Applicable Requirements
S6, Turbine; S7, Duct Burner

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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 Limitations	Y	
BAAQMD Regulation 9, Rule 9	**Inorganic Gaseous Pollutants - Nitrogen Oxides from Stationary Gas Turbines (9/21/94)**		
9-9-113	Exemption - Inspection/Maintenance	N	
9-9-114	Exemption - Startup/Shutdown	N	
9-9-115	Limited Exemption, Minor Inspection and Maintenance Work	N	
9-9-120	Limited Exemption, Interchangeable Emission Reduction Credits	N	
9-9-301	Emission Limits – General	N	
9-9-301.1.2	Emission Limits - Turbines over 10.0 MW without SCR	Y	
9-9-301.2	Emission limits	N	1/1/10
9-9-301.4	Rebuttable presumption	N	
9-9-501	Monitoring & Recordkeeping	N	
9-9-603	Continuous Emission Monitoring	N	
9-9-605	Compliance With Output Based NOx Emissions Standards	N	
SIP Regulation 9, Rule 9	**Inorganic Gaseous Pollutants - Nitrogen Oxides from Stationary Gas Turbines (12/15/97)**		
9-9-113	Exemption - Inspection/Maintenance	Y	
9-9-114	Exemption - Startup/Shutdown	Y	
9-9-301	Emission Limits – General	Y	
9-9-301.2	Emission Limits - Turbines over 10.0 MW without SCR	Y	
~~9-9-305~~	~~Emission Limits, Existing Low-NOx Turbines~~	~~Y~~	
9-9-501	Monitoring & Recordkeeping	Y	
BAAQMD Manual of Procedures, Volume V	**Continuous Emission Monitoring Policy and Procedures (1/20/82)**	Y	
40 CFR 60	**Standards of Performance for New Stationary Sources (12/23/71)**	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
Source-Specific Applicable Requirements
S6, Turbine; S7, Duct Burner

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Subpart A	General Provisions	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)(4)	Written notification of physical or operational changes	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.13	Monitoring Requirements	Y	
NSPS Subpart GG	**Standards of Performance for Stationary Gas Turbines (1/27/82)**		
60.332 (a)(1)	Performance Standard, NOx	Y	
60.333(b)	Performance Standards, SO2: percentage of S in fuel (S6, Turbine only	Y	
~~60.334(a)~~	~~Monitoring of water to fuel ratio~~	~~Y~~	
60.334(b)	Use of CEM to monitor NOx	Y	
60.334(h)(3)(i)	Valid purchase contract, tariff sheet, or transportation contract for natural gas	Y	
60.334(j)(iii)	4-hour average	Y	
60.335	Test Methods and Procedures	Y	
40 CFR 60, Appendix B	**Performance Specifications**		
Performance Specification 2	Specifications and Test Procedures for SO_2 and NO_X Continuous Emission Monitoring Systems in Stationary Sources	Y	
Performance Specification 3	Specifications and Test Procedures for O_2 and CO_2 Continuous Emission Monitoring Systems in Stationary Sources	Y	
40 CFR 60 Appendix F	**Quality Assurance Procedures**		
Procedure 1	QA requirements for gas continuous emission monitoring systems	Y	
BAAQMD Condition #14522	**Permit to Operate Condition**	Y	

IV. Source-Specific Applicable Requirements

Table IV-A
Source-Specific Applicable Requirements
S6, Turbine; S7, Duct Burner

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 1	Natural gas firing [BACT]	Y	
Part 4	Steam Injection to control NOx emissions during all periods of gas turbine operation except during times of start-up, shutdown, and inspection and maintenance [BAAQMD Regulation 9, Rule 9]	Y	
Part 5	Monitoring & recordkeeping [BACT, BAAQMD Regulation 9, Rule 9]	Y	
Part 6	Sulfur Limit (PUC quality gas) [BAAQMD Regulation 2-1-403]	Y	
Part 7	Heat input limit for turbine [Cumulative Increase, 2-1-305, 2-2-409]	Y	
Part 8	Hourly records of turbine heat input [2-6-503]	Y	
Part 9	Heat input limit for duct burner [Cumulative Increase, 2-1-305, 2-2-409]	Y	
Part 10	Hourly records of duct burner heat input [2-6-503]	Y	
Part 11	Records of fuel usage [2-6-501, 2-6-503]	Y	

~~Table IV-A~~
~~S-6, Turbine~~

~~Applicable Requirement~~	~~Regulation Title or Description of Requirement~~	~~Federally Enforceable (Y/N)~~	~~Future Effective Date~~
~~BAAQMD Regulation 1~~	~~General Provisions and Definitions (11/3/93)~~		
~~1-522~~	~~Continuous Emission Monitoring and Recordkeeping Procedures~~	~~Y~~	
~~1-602~~	~~Area and Continuous Emission Monitoring Requirements~~	~~N~~	
~~BAAQMD Regulation 2, Rule 1~~	~~Regulation 2, Rule 1 - Permits, General Requirements (6/7/95)~~		
~~2-1-501~~	~~Monitors~~	~~N~~	
~~BAAQMD Regulation 6~~	~~Particulate Matter and Visible Emissions (12/19/90)~~		
~~6-301~~	~~Ringelmann Number 1 Limitation~~	~~N~~	

IV. Source-Specific Applicable Requirements

IV. Source-Specific Applicable Requirements

Table IV-A (continued)
S-6, Turbine

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	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	N	
9-1-302	General Emission Limitations	Y	
BAAQMD Regulation 9, Rule 9	**Inorganic Gaseous Pollutants - Nitrogen Oxides from Stationary Gas Turbines (9/21/94)**		
9-9-113	Exemption - Inspection/Maintenance	Y	
9-9-114	Exemption - Startup/Shutdown	Y	
9-9-301	Emission Limits - General	Y	
9-9-301.2	Emission Limits - Turbines over 10.0 MW without SCR	Y	
9-9-501	Monitoring & Recordkeeping	Y	
BAAQMD Manual of Procedures, Volume V	**Continuous Emission Monitoring Policy and Procedures (1/20/82)**	Y	
40 CFR 60	**Standards of Performance for New Stationary Sources (12/23/71)**	Y	
Subpart A	General Provisions	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)(4)	Written notification of physical or operational changes	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.13	Monitoring Requirements	Y	
NSPS Subpart GG	**Standards of Performance for Stationary Gas Turbines (1/27/82)**		

IV. Source-Specific Applicable Requirements

~~Table IV-A (continued)~~
~~S-6, Turbine~~

~~Applicable Requirement~~	~~Regulation Title or Description of Requirement~~	~~Federally Enforceable (Y/N)~~	Future Effective Date
~~60.332 (a)(2)~~	~~Performance Standard, NOx~~	~~Y~~	
~~60.333~~	~~Performance Standards, SO2~~	~~Y~~	
~~60.334(a)~~	~~Monitoring of water to fuel ratio~~	~~Y~~	
~~60.335~~	~~Test Methods and Procedures~~	~~Y~~	
~~BAAQMD Condition #14522~~	~~Permit to Operate Condition~~	~~Y~~	
~~Part 1~~	~~Natural gas firing [BACT]~~	~~Y~~	
~~Part 4~~	~~Steam Injection to control NOx emissions during all periods of gas turbine operation except during times of start-up, shutdown, and inspection and maintenance [BAAQMD Regulation 9-9]~~	~~Y~~	
~~Part 5~~	~~Monitoring & recordkeeping [BACT, BAAQMD Regulation 9-9]~~	~~Y~~	
~~Part 6~~	~~Sulfur Limit (PUC quality gas) [BAAQMD Regulation 2-1-403]~~	~~Y~~	

~~‡ This section has been removed from BAAQMD Regulations because it has been superseded. Nevertheless, the source must comply with this regulation until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.~~

IV. Source-Specific Applicable Requirements

Table IV-B
S-7, Duct Burner

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	General Provisions and Definitions (11/3/93)		
1-522	Continuous Emission Monitoring and Recordkeeping Procedures	Y	
1-602	Area and Continuous Emission Monitoring Requirements	N	
BAAQMD Regulation 2, Rule 1	Regulation 2, Rule 1 - Permits, General Requirements (6/7/95)		
2-1-501	Monitors	N	
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)		
9-1-301	Limitations on Ground Level Concentrations	N	
9-1-302	General Emission Limitations	Y	
BAAQMD Manual of Procedures, Volume V	Continuous Emission Monitoring Policy and Procedures (1/20/82)	Y	
BAAQMD Condition #14522	Permit to Operate Condition	Y	
Part 1	Natural gas firing [BACT]	Y	
Part 5	Monitoring & recordkeeping [BACT]	Y	
Part 6	Sulfur Limit (PUC quality gas) [BAAQMD Regulation 2-1-403]	Y	

[1] This section has been removed from BAAQMD Regulations because it has been superseded. Nevertheless, the source must comply with this regulation until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.

IV. Source-Specific Applicable Requirements

Table IV-~~C~~B
Source-Specific Applicable Requirements
S9, Standby Boiler

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter, General Requirements (12/5/07)**		
6-1-301	Ringelmann #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	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann #1 Limitation	Y	
6-304	Tube Cleaning	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	N	
6-310.3	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	N	
9-1-302	General Emission Limitations	Y	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	Y	
BAAQMD Regulation 9, Rule 7	**Inorganic Gaseous Pollutants - Nitrogen Oxides and Carbon Monoxide from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters (~~9/16/92~~5/4/11)**		
9-7-112	Limited Exemption, Low Fuel Usage	N	
9-7-112.2	Operation at 10% capacity	N	
9-7-114	Limited Exemption, Tune-Up	N	
9-7-115	Limited Exemption, Startup and Shutdown	N	
9-7-301	Emission Limits - Gaseous Fuels	Y	Applies until 1/1/2012

IV. Source-Specific Applicable Requirements

Table IV-~~C~~B
Source-Specific Applicable Requirements
S9, Standby Boiler

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
9-7-301.1	Performance Standard, NOx	Y	Applies until 1/1/2012
9-7-301.2	Performance Standard, CO	Y	Applies until 1/1/2012
~~9-7-305~~	~~Natural Gas Curtailment-Non-Gaseous Fuel~~	~~Y~~	
~~9-7-305.1~~	~~Natural Gas Curtailment-Non-Gaseous Fuel: NOx limit~~	~~Y~~	
~~9-7-305.2~~	~~Natural Gas Curtailment-Non-Gaseous Fuel: CO limit~~	~~Y~~	
~~9-7-306~~	~~Equipment Testing Non-Gaseous Fuel~~	~~Y~~	
9-7-307	Final Emission Limits	N	1/1/2012
9-7-307.10	Limits for boilers exempt under 9-7-112.2	N	1/1/2012
9-7-313	Tune-up Requirements	N	
9-7-313.1	Operation at less than 10% of annual capacity	N	
9-7-503	Records	~~Y~~N	
9-7-503.2	Records of natural gas curtailment	~~Y~~N	
9-7-503.3	Records of equipment testing	~~Y~~N	
9-7-503.4	Source Test Records and Record Retention	~~Y~~N	
9-7-504	Low Fuel Usage - Monitoring and Records	N	
SIP Regulation 9, Rule 7	**Inorganic Gaseous Pollutants - Nitrogen Oxides and Carbon Monoxide from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters (12/15/97)**		
9-7-301	Emission Limits - Gaseous Fuels	Y	
9-7-301.1	Performance Standard, NOx, gaseous fuel	Y	
9-7-301.2	Performance Standard, CO, non-gaseous fuel	Y	
9-7-302	Emission Limits – Non-gaseous fuels	Y	
9-7-302.1	Performance Standard, NOx	Y	
9-7-302.2	Performance Standard, CO	Y	
9-7-303	Emission Limits - Gaseous and Non-Gaseous Fuel	Y	
9-7-305	Natural Gas Curtailment-Non-Gaseous Fuel	Y	
9-7-305.1	Natural Gas Curtailment-Non-Gaseous Fuel: NOx limit	Y	
9-7-305.2	Natural Gas Curtailment-Non-Gaseous Fuel: CO limit	Y	
9-7-306	Equipment Testing Non-Gaseous Fuel	Y	
9-7-503	Records	Y	
9-7-503.2	Records of natural gas curtailment	Y	

IV. Source-Specific Applicable Requirements

Table IV-~~C~~B
Source-Specific Applicable Requirements
S9, Standby Boiler

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
9-7-503.3	Records of equipment testing	Y	
9-7-503.4	Source Test Records and Record Retention	Y	
40 CFR 60	**Standards of Performance for New Stationary Sources (12/23/71)**		
Subpart A	**General Provisions**		
60.4(b)	Reports to EPA and District	Y	
60.7(a)(4)	Written notification of physical or operational changes	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.13	Monitoring Requirements	Y	
NSPS Subpart Db	**Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units (12/16/87)**		
60.42b(j)	Requirement to burn only very low sulfur oil	Y	
60.43b(f)	Opacity limit	Y	
60.43b(g)	Opacity limit does not apply during startup, shutdown, or malfunction	Y	
60.44b(k)	10% capacity factor	Y	
60.45b(j)	Fuel receipts	Y	
60.46b(a)	Opacity limit does not apply during startup, shutdown, and malfunction	Y	
60.46b(d)(7)	Opacity test	Y	
60.47b(f)	Fuel receipts	Y	
60.48b(i)	Exemption from NOx CEM for sources subject to Section 60.44b(k)	Y	
60.48b(j)(2)	Exemption from COM monitor for use of low-sulfur liquid fuel	Y	
60.49b(d)	Records of fuels combusted	Y	
60.49b(f)	Records of opacity	Y	
60.49b(j)	Reports of sulfur dioxide emissions	Y	
60.49b(o)	Record retention requirement	Y	

IV. Source-Specific Applicable Requirements

Table IV-~~C~~B
Source-Specific Applicable Requirements
S9, Standby Boiler

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.49b(p)	Records of calendar date, number of hours of operation, hourly steam load	Y	
60.49b(q)	Annual report	Y	
60.49b(q)(1)	Annual capacity factor	Y	
60.49b(r)	Maintenance of fuel oil receipts; annual report to Administrator	Y	
60.49b(w)	Reporting period-every six months	Y	
BAAQMD Cond #12231	**Permit to Operate Condition**		
Part 1	Only burn natural gas or distillate oil , only use distillate oil in the event of natural gas curtailment, only PUC quality gas shall be used [Cumulative Increase]	Y	
Part 2a	Operating Hour Limit (natural gas) [Cumulative Increase]	Y	
Part 2b	Operating Hour Limit (natural gas) [2-6-420]	Y	
Part 3	Operating Hour Limit (distillate oil) [Cumulative Increase]	Y	
Part 4	Maximum Heat Input [Cumulative Increase, 9-7-112.2]	Y	
Part 5	Natural Gas Flow Meter [Cumulative Increase]	Y	
Part 6	Flue Gas Recirculation Requirement [BACT]	Y	
Part 7	BACT NOx Limit (natural gas) [BACT]	Y	
Part 8	NOx Limit (distillate oil) [BACT]	Y	
Part 9	BACT CO Limit (natural gas) [BACT]	Y	
Part 10	Sulfur Limit in distillate oil [BACT]	Y	
Part 11	PM Limit [BACT]	Y	
Part 12	Source Test Requirement [Offsets]	Y	
Part 13	Recordkeeping [BACT, Regulation 2-6-501]	Y	
Part 14	BACT review [Cumulative Increase]	Y	
Part 15	Records of fuel usage [2-6-501, 2-6-503]	Y	

IV. Source-Specific Applicable Requirements

Table IV-~~D~~C
Source-Specific Applicable Requirements
S10, Papermaking including pulping, separation processes, web production, and drying~~Recycle Paper Machine Steam Dryers~~

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter, General Requirements (12/5/07)**		
6-1-301	Ringelmann #1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-310.3	Particulate Weight Limitation	N	
6-1-311	General Operations	N	
6-1-401	Appearance of Emissions	N	
SIP Regulation 6	**Particulate Matter and Visible Emissions (9/4/98)**		
6-301	Ringelmann #1 Limitation	Y	
6-305	Visible Particles	Y	
6-310.3	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
6-401	Appearance of Emissions	Y	
~~**BAAQMD Regulation 8, Rule 1**~~	~~**Organic Compounds - General Provisions**~~		
~~8-1-320~~	~~Standards for surface preparation, clean-up, coating, ink, paint removal~~	~~Y~~	
~~8-1-321~~	~~Standards for containers~~	~~Y~~	
BAAQMD Regulation 8, Rule 2	**Organic Compounds - Miscellaneous Operation (3/22/95)** **(Applies to pulping and drying operations only)**	Y	
8-2-301	Miscellaneous Operations (pulping and drying operations)	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 Limitations	Y	

IV. Source-Specific Applicable Requirements

Table IV-~~D~~C
Source-Specific Applicable Requirements
S10, Papermaking including pulping, separation processes, web production, and drying~~Recycle Paper Machine Steam Dryers~~

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Cond #13344	**Permit to Operate Condition**		
Part 1	Throughput Limit [~~Cumulative Increase~~2-1-301, 2-1-234.3.1.2]	Y	
Part 2	Recordkeeping [~~Cumulative Increase~~2-1-301, 2-1-234.3.1.2]	Y	

Table IV - D
Source-specific Applicable Requirements
S11, S12, S13, COLD CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 16	**Solvent Cleaning Operations (10/16/02)**	**Y**	
8-16-303	Cold Cleaner Requirements	Y	
8-16-303.1	General Operating Requirements	Y	
8-16-303.2	Cold Cleaner Operating Requirements	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements	Y	
8-16-303.5	Requirements for solvents	Y	
8-16-303.5.2	Use of cyclic methylated siloxanes	Y	
8-16-501	Solvent records	Y	
8-16-501.2	Monthly records	Y	
8-16-501.5	Record retention for 24 months	Y	
BAAQMD Condition #16714			
Part 1	Throughput limit (Cumulative Increase)	Y	
Part 2	Recordkeeping (Cumulative Increase)	Y	

IV. Source-Specific Applicable Requirements

Table IV - E
Source-specific Applicable Requirements
S14, FIRE PUMP ENGINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	**Particulate Matter, General Requirements (12/5/07)**		
6-1-303	Ringelmann Number 2 Limitation	N	
6-1-303.1	Ringelmann Number 2 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 (9/4/98)**		
6-303	Ringelmann Number 2 Limitation	Y	
6-303.1	Ringelmann Number 2 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-304	Liquid and Solid Fuels	Y	
BAAQMD Regulation 9, Rule 8	**Inorganic Gaseous Pollutants - Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (7/25/07)**		
9-8-110	Exemptions	N	
9-8-110.5	Emergency Standby Engines	N	
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-502	Recordkeeping	N	
9-8-502.1	Monthly records of usage	N	
9-8-530	Emergency Standby and Low Usage Engines, Monitoring and Recordkeeping	N	
SIP Regulation 9, Rule 8	**Inorganic Gaseous Pollutants - Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (12/15/97)**		
9-8-110	Exemptions	Y	

IV. Source-Specific Applicable Requirements

Table IV - E
Source-specific Applicable Requirements
S14, FIRE PUMP ENGINE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
9-8-110.1	Engines less than 250 bhp horsepower	Y	
9-8-110.2	Engines fired exclusively by liquid fuels	Y	
CCR, Title 17, Section 93115	**ATCM for Stationary Compression Ignition Engines**		
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)(2)	Operation near schools	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	
93115.15	Severability	N	
BAAQMD Condition 22851			
Part 1	Operation for reliability-related activities	N	
Part 2	Operation for emergencies	N	
Part 3	Non-resettable totalizing meter	N	
Part 4	Records	N	
Part 5	At School and Near-School Operation	N	

IV. Source-Specific Applicable Requirements

Table IV-F
Source-Specific Applicable Requirements
S16, Felt Cleaning Operation

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 4	**Organic Compounds - General Solvent and Surface Coating Operations (10/16/02) (Applies to felt cleaning operation)**		
8-4-302	Solvents and Surface Coating Requirements	Y	
8-4-302.1	VOC less than 5 tons/yr	Y	
8-4-312	Solvent Evaporative Loss Minimization	Y	
8-4-312.3	Closed containers of solvent	Y	
8-4-501	Recordkeeping Requirements	Y	
8-4-501.1	Current list of solvents in use	Y	
8-4-501.4	Monthly records of solvents	Y	
8-4-501.5	Record retention requirement	Y	

V. SCHEDULE OF COMPLIANCE

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

VI. PERMIT CONDITIONS

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

~~***A. Source Specific Permit Conditions***~~

Condition # 12231
Source: S9 Standby Boiler
~~**Condition # 12231**~~

1.~~)~~ This boiler shall burn only natural gas or distillate oil. Distillate oil ~~-~~shall be fired only in the event of a natural gas curtailment or shutdown or periodic testing. All natural gas burned at source S9, Standby Boiler, shall be PUC quality gas.[basis: cumulative increase]

2a.~~)~~ This boiler shall not exceed 1,000 hours of firing on natural gas in any consecutive 12-month period. [basis: cumulative increase]

2b. This boiler shall not exceed 875 hours of firing on natural gas in any consecutive 12-month period. [basis: 2-6-420]

3.~~)~~ This boiler shall not exceed 100 hours of firing on distillate oil in any consecutive 12-month period. [basis: cumulative increase]

4.~~)~~ Heat input to this boiler shall not exceed 161 MMbtu/hr. [basis: cumulative increase]

5.~~)~~ A natural gas meter dedicated solely to monitor the flow of natural gas into this boiler shall be installed and maintained. [basis: cumulative increase]

VI. Permit Conditions

6.) The boiler shall not be operated unless the flue gas recirculation fan is in operation. [basis: BACT]

7.) NOx emissions during natural gas firing shall not exceed 25 ppmv @ 3% O2 (dry basis). [basis: BACT]

8.) NOx emissions during distillate oil firing shall not exceed 60 ppmv @ 3% O2 (dry basis). [basis: BACT]

9.) CO emissions during natural gas firing shall not exceed 50 ppmv @ 3% O2 (dry basis). [basis: BACT]

10.) Sulfur content in the distillate oil shall not exceed 0.05% by weight. [basis: BACT, Cumulative Increase]

11.) Visible particulate emissions shall not exceed Ringelmann No. 0.5. [basis: BACT]

Source: 9 Standby Boiler (continued)
Condition # 12231

12.) The owner/operator shall determine compliance with the following NOx and CO limits by using a portable analyzer and U.S. EPA Method CTM-030 on an annual basis. The owner/operator shall use the method during natural gas firing. Use of the method during fuel oil firing is not required. Source testing that is performed by the District's Source Test group, if available, may be used to fulfill this requirement. The owner/operator shall submit the NOx and CO compliance data to the Director of Enforcement and Compliance within 60 days of using the protocol.Source test data from District approved source test shall be submitted to the District as follows:
- The source test section shall be contacted prior to the test for correct source test procedures and the correct location for installation of source testing ports;
- The source test section shall be notified in writing at least three business days in advance of the source test;
- The source test data shall reflect boiler operation at maximum capacity;
- The source test shall include all criteria pollutants;
- Within 45 days of start-uptesting, the source test data shall be submitted to the source test section and the Director of Enforcement and Compliance Division;
- Within 45 days of start-up, a source test results summary shall be submitted to the Director of Enforcement and Compliance Division.

a. NOx limit in part 7 of this condition
b. CO limit in part 9 of this condition
c. NOx and CO limits in BAAQMD Regulation 9-7-301 or 307.10, as applicable.

[OffsetsBACT, BAAQMD Regulation 2-6-503]

VI. Permit Conditions

13.) A District approved logbook shall be maintained of the hours of operation of this boiler, type of fuel fired and for what periods, and if distillate oil is fired, PG&E verification of natural gas curtailment. Records shall be maintained for a period of at least five years from the date of entry and made readily available to District staff upon request. [basis: BACT, BAAQMD Regulation 2-6-501]

14.) Any future modification to this boiler to increase hours of operation, type of fuel, or for any other reason ~~which~~ that results in increased emissions, will subject this boiler to review as though it were a new source. This includes, but is not limited to, a new BACT review. In addition, should a future modification require installation of additional abatement equipment, District staff will not support any request for a Hearing Board variance. [basis: cumulative increase]

15. Within 6 months of issuance of the renewed Major Facility Review permit, the owner/operator shall record fuel usage on an hourly basis The fuel usage data shall be made available to the District upon request. [basis: 2-6-501, 2-6-503]

Condition # 13344
~~Source~~ S10: Papermaking including pulping, separation processes, web production, and drying~~Recycle Paper Steam Dryers~~

1.) Paperboard throughput shall not exceed 146,000 tons of paperboard in any consecutive 12-month period. [basis: ~~Cumulative Increase~~2-1-301, 2-1-234.3.1.2]

2.) Records shall be maintained in a District approved logbook of the amount of paperboard throughput on a monthly basis. Records shall be maintained for a period of at least five years from the date of entry and made readily available to District staff upon request. [basis: 2-1-301, 2-1-234.3.1.2~~cumulative increase, BAAQMD Regulation 2-6-501~~]

Condition #14522
Sources S6, S7 - Turbine & Duct Burner

1.) S-6, Gas Turbine, and S7, Duct Burner, shall be fired only on natural gas. [basis: BACT]

2.) Deleted 6/18/01

3.) Deleted 7/2/01

4.) ~~The steam injection system to control NOx emissions from S-6 Turbine shall be operated during all periods of gas turbine operation except during times of start-up, shutdown, and inspection and maintenance pursuant to Regulation 9-9-113 and 9-9-~~

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~~114. The steam injection rate shall be controlled by the gas turbine control system at all times during the operation of the turbine.~~ The owner/operator shall not operate the turbine unless the steam injection system to control NOx emissions from S6 Turbine is in operation, except during times of start-up and shutdown pursuant to Regulation 9-9-114. The start-up period may be followed by a commissioning period of no more than 4 hours, during which the steam injection system is not required, if one or more of the following activities were conducted during the shutdown:

Replacement of more than 1/3 of the duct burners
Replacement of steam injection parts
Replacement of gas compressor parts
Computer control system upgrades
Gas turbine fuel nozzle replacement

The commissioning period shall end when the steam injection system is in operation and the turbine is in compliance with Regulation 9-9-305. The turbine shall be operated in low-fire mode during the commissioning period. The steam injection rate shall be controlled by the gas turbine control system at all times during the operation of the steam injection system. [basis: BAAQMD Regulation 9, Rule 9]

5.~~)~~ JSC shall install, calibrate and operate District-approved continuous monitors and recorders for oxides of nitrogen and either oxygen or carbon dioxide as required by District Regulation 10. These monitoring records shall be supplied to the Director of the Compliance and Enforcement Division upon request. [basis: BACT, Regulation 9, Rule 9]

6.~~)~~ All natural gas burned at S~~-~~6, Gas Turbine, and S~~-~~7, Duct Burner, shall be PUC quality gas. [basis: BAAQMD Regulation 2, Rule 1, Section 403]

7. The owner/operator shall ensure that the heat input to S6, Gas Turbine, does not exceed 2190 therms/hr. [Cumulative Increase, 2-1-305, 2-2-409]

8. The owner/operator shall maintain records of the heat input at S6 and make them available to District staff upon request. Records shall be maintained for a period of at least five years from the date of entry. [2-6-503]

9. The owner/operator shall ensure that the heat input to S7, Duct Burner, does not exceed 1684.8 MMbtu/day (HHV). [Cumulative Increase, 2-1-234, 2-1-305, 2-2-409]

10. The owner/operator shall maintain records of the daily heat input at S7 and make them available to District staff upon request. Records shall be maintained for a period of at least five years from the date of entry. [2-6-503]

11. Within 6 months of issuance of the renewed Major Facility Review permit, the

VI. Permit Conditions

owner/operator shall record fuel usage for S6 and S7 on an hourly basis. The owner/operator shall record S6 and S7 separately. The fuel usage data shall be made available to the District upon request. [basis: 2-6-501, 2-6-503]

COND# 16714 ----------
S11, S12, and S13, Cold Cleaners

1. Net usage of ~~ZEP Dyna 143~~ methylated siloxane at S11, S12, and S13 shall not exceed 20 gallons per source, in any consecutive 12-month period. (basis: Cumulative Increase)

2. To determine compliance with the above conditions, thePermit Holder shall maintain monthly usage records of methylated siloxane. All records shall be retained on- site for five years, from the date of entry, and made available for inspection by District staff upon request. These requirements shall not replace the recordkeeping requirements contained in any applicable District regulations. (basis: Cumulative Increase)

~~2. Cleanup solvent other than the material specified in Condition 1 may be utilized and/or solvent usage in excess of the limit specified in Condition 1 is allowed, provided that the Permit Holder can demonstrate that all of the following are satisfied:~~
~~a. Total POC emissions from S11, S12, and S13 each do not exceed 132 pounds in any consecutive 12-month period; and~~
~~b. Total NPOC emissions from S11, S12, and S13 each do not exceed 0 pounds in any consecutive 12-month period; and~~
~~c. The use of these materials does not increase toxic air contaminant emissions above any risk screening trigger level.~~
~~(basis: Cumulative Increase and Toxic Risk Screen)~~

~~3. To determine compliance with the above conditions, the Permit Holder shall maintain the following records and provide all of the data necessary to evaluate compliance with the above conditions, including the following information:~~
~~a. Type and monthly usage of all POC and NPOC-containing materials used;~~
~~b. If a material other than that specified in Condition 1 is used, POC, NPOC and toxic component contents of each material used; and mass emission calculations to demonstrate compliance with Condition 2, on a monthly basis;~~
~~c. monthly usage and/or emission calculations shall be totaled for each consecutive 12-month period.~~

~~All records shall be retained on-site for five years, from the date of entry, and made available for inspection by District staff upon request. These requirements shall not~~

VI. Permit Conditions

~~replace the recordkeeping requirements contained in any applicable District Regulations. (basis: Cumulative Increase and Toxic Risk Screen)~~

Condition #~~1908~~522851
S14, Fire Pump Engine

~~1. Hours of Operation: The emergency standby generator~~fire pump engine, S14, ~~shall only be operated for emergency use or for reliability-related activities. No time limit is imposed on the operation for reliability-related activities for S14. Operation for emergency use is unlimited. [Basis: 9-8-330]~~

~~2. Emergency use is defined as the use of an emergency standby engine during any of the following: [Basis: 9-8-231]~~
~~a. In the event of loss of regular natural gas supply;~~
~~b. In the event of failure of regular electric power supply;~~
~~c. Flood mitigation;~~
~~d. Sewage overflow mitigation;~~
~~e. Fire;~~
~~f. Failure of a primary motor, but only for such time as needed to repair or replace the primary motor.~~

~~3. Reliability-related activities is defined as the use of an emergency standby engine during any of the following: [Basis: 9-8-232]~~
~~a. Operation of an emergency standby engine to test its ability to perform for an emergency use;~~
~~b. Operation of an emergency standby engine during maintenance of a primary motor.~~

~~4. Monitoring: Each emergency standby engine shall be equipped with either: [Basis: 9-8-530]~~
~~a. A non-resettable totalizing meter that measures and records hours of operation.~~
~~b. A non-resettable fuel usage meter~~

~~5. Recordkeeping: All records shall be kept for at least two years, and shall be available for inspection by District staff upon request. The operator shall keep a monthly log of usage that shall indicate the following: [Basis: 9-8-530, 1-441]~~
~~a. Hours of operation (total)~~
~~b. Hours of operation (emergency) and the nature of the emergency condition.~~
~~c. Fuel usage.~~

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

VI. Permit Conditions

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 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:

VI. Permit Conditions

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:
a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
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)]

VII. APPLICABLE EMISSION LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included only to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous ~~(C)~~® monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, ~~either~~ 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
Applicable Limits and Compliance Monitoring Requirements
S6, Turbine, S7, Duct Burner

Type of Limit	~~Emission Limit~~ Citation of Limit	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
NOx	BAAQMD 9-9-301.1.2 and 9-9-401	~~Y~~N	~~01/01/97~~	17.2 ppmv @15% O_2 (dry), 3-hour average except during startup, not to exceed 3 hours, and shutdown, not to exceed 1 hour and inspection and maintenance periods as allowed by BAAQMD 9-9-113 and 9-9-115	BAAQMD 9-9-501	C	C~~.~~E~~.~~M~~.~~

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII-A
Applicable Limits and Compliance Monitoring Requirements
S6, Turbine, S7, Duct Burner

Type of Limit	~~Emission Limit~~ Citation of Limit	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
NOx	BAAQMD 9-9-301.2	N	1/1/10	15 ppmv or 0.7 lb/MWhr @15% O_2 (dry), 3-hour average except during startup, not to exceed 3 hours, and shutdown, not to exceed 1 hour and inspection and maintenance periods as allowed by BAAQMD 9-9-113 and 9-9-115	BAAQMD 9-9-501	C	CEM
NOx	SIP 9-9-301.2 and 9-9-401	Y		17 ppmv @15% O_2 (dry), 3-hour average except during startup, not to exceed 3 hours, and shutdown, not to exceed 1 hour and inspection and maintenance periods as allowed by BAAQMD 9-9-113	BAAQMD 9-9-501	C	CEM
	~~NSPS Subpart GG,~~ 40 CFR 60.332(a)(2)	Y		122~~50~~ ppmv @15% O2, dry, ~~3~~ 4-hour average except during startup, shutdown, and malfunction	40 CFR 60.334(b); ~~Monitoring subsumed by Regulation 9 Rule 9 Monitoring~~	~~N~~C	CEM
SO2	BAAQMD 9-1-301	N		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII-A
Applicable Limits and Compliance Monitoring Requirements
S6, Turbine, S7, Duct Burner

Type of Limit	~~Emission Limit~~ Citation of Limit	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO2	BAAQMD 9-1-302	Y		300 ppm (dry)		N	
	40 CFR 60.333(b)	Y		Fuel sulfur content of 0.8 percent by weight (applies to turbine only)	40 CFR 60.334(h)(3)	N	
~~TSP~~ Opacity	BAAQMD 6-1-301	N		Ringelmann No. 1 for less than 3 min/hr		N[2]	
Opacity	SIP 6-301	Y		Ringelmann No. 1 for less than 3 min/hr		N	
FP	BAAQMD 6-310	N		0.15 grain/dscf	None	N	
FP	SIP 6-310	Y		0.15 grain/dscf	None	N	
FP	BAAQMD 6-310.3	~~Y~~N		0.15 grain/dscf @ 6% O2	None	N[2]	
FP	SIP 6-310.3	Y		0.15 grain/dscf @ 6% O2	None	N	
Heat input	BAAQMD Cond #14522, part 7	Y		2190 therms/hr (applies to turbine only)	BAAQMD Cond #14522, part 7	P/H	
Heat input				1684.8 MMbtu/day (HHV) applies to duct burner only)	BAAQMD Cond #14522, part 7	P/D	

VII. Applicable Emission Limits & Compliance Monitoring Requirements

~~**Table VII-B**~~
~~**S-7 Duct Burner**~~

~~Type of Limit~~	~~Emission Limit Citation~~	~~FE Y/N~~	~~Future Effective Date~~	~~Emission Limit~~	~~Monitoring Requirement Citation~~	~~Monitoring Frequency (P/C/N)~~	~~Monitoring Type~~
~~SO2~~	~~BAAQMD 9-1-301~~	~~N~~		~~GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours~~		~~N~~	
	~~BAAQMD 9-1-302~~	~~Y~~		~~300 ppm (dry)~~		~~N~~	
~~TSP~~	~~BAAQMD 6-301~~	~~N~~		~~Ringelmann No. 1~~		~~N[2]~~	
	~~BAAQMD 6-310~~	~~Y~~		~~0.15 grain/dscf @ 6% O2~~		~~N[2]~~	

~~1 Ground Level Concentration~~

~~2 Exceedance of particulate limits is not expected for natural gas combustion. When duct burner burns distillate oil, the ratio of natural gas to distillate oil burned is 3:1. Therefore, exceedance of particulate limits is not expected for distillate oil combustion either.~~

Table VII-~~C~~B
Applicable Limits and Compliance Monitoring Requirements
S9 Standby Boiler

Type of Limit	~~Emission~~ Limit of Citation	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
NOX	9-7-307.10	N	1/1/2012	30 ppmv dry @ 3% O2		P/A	
NOx	Regulation 9-7-301.1	Y	Effective until 1/1/2012	30 ppmv dry @3% O2		N	
	SIP 9-7-301.1	Y		30 ppmv dry @ 3% O2 when firing gaseous fuel		P/A	
	SIP 9-7-302.1	Y		40 ppmv dry @ 3% O2 when firing non-gaseous fuel		N	

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII-~~C~~B
Applicable Limits and Compliance Monitoring Requirements
S9 Standby Boiler

Type of Limit	~~Emission~~ Limit of Citation	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
NOx	SIP 9-7-305.1	Y		150 ppmv @3%O2, dry when firing non-gaseous fuel during natural gas curtailment		N	
	SIP 9-7-306.1	Y		150 ppmv @3%O2, dry when firing non-gaseous fuel during testing		N	
	~~BAAQMD 9-7-305.1~~	~~Y~~		~~150 ppmv @3%O2, dry~~		~~N~~	
	~~BAAQMD 9-7-306.1~~	~~Y~~		~~150 ppmv @3%O2, dry~~		~~N~~	
	BAAQMD Cond #12231 Part 7	Y		25 ppmv dry @ 3% O2 during natural gas firing		~~N~~P/A	
NOX	BAAQMD Cond #12231 Part 8	Y		60 ppmv dry @ 3% O2 ~~(~~when firing distillate oil~~)~~		N	
	~~40 CFR 60.44b(a)(i) or (ii)~~	~~Y~~		~~0.10 lb/MMbtu or 0.20 lb/MMbtu; limit applies during all times~~	~~40 CFR 60.48b(b)(1)~~	~~C~~	~~CEM~~
CO	~~Regulation 9-7-301.2~~	~~Y~~		~~400 ppmv dry @3% O2~~		~~N~~	
	SIP 9-7-301.2	Y		400 ppmv dry @ 3% O2 when firing gaseous fuel			
	~~BAAQMD 9-7-305.2~~	~~Y~~		~~400 ppmv @3%O_2, dry~~		~~N~~	
	SIP 9-7-305.2	Y		400 ppmv @3% O_2, dry when firing non-gaseous fuel during a natural gas curtailment			

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII-~~C~~B
Applicable Limits and Compliance Monitoring Requirements
S9 Standby Boiler

Type of Limit	~~Emission~~ Limit of Citation	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
CO	~~BAAQMD 9-7-306.2~~	~~Y~~		~~400 ppmv @3%O_2, dry~~		~~N~~	
	SIP 9-7-306.2	Y		400 ppmv @3% O_2, dry, when testing with non-gaseous fuel			
	BAAQMD 9-7-307.10	N		400 ppmv dry @ 3% O2			
	BAAQMD Cond #12231 Part 9	Y		50 ppmv dry @ 3% O2 during natural gas firing		N	
SO2	BAAQMD 9-1-301	Y~~N~~		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
	BAAQMD 9-1-302	Y		300 ppm (dry)		N	
SO2	BAAQMD 9-1-304	Y		Sulfur content of fuel <0.5% by weight	BAAQMD Cond #12231, Part 13	P/E	Records of fuel receipts~~Fuel certification upon delivery~~
	BAAQMD Cond #12231 Part 10	Y		Sulfur content of distillate <0.05% by weight	BAAQMD Cond #12231, Part 13	P/E	Records of fuel receipts~~Fuel certification upon delivery~~
	40 CFR 60.42b(d)	Y		S < 0.5 wt%, 24 hour average when burning oil; limit applies at all times when burning fuel oil	40 CFR 60.46b(d), 60.47b(f), & 60.®(r)	P/E	Records of fuel receipts
Opacity	BAAQMD 6-1-301	N		Ringelmann No. 1 for less than 3 min/hr		N	

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII-~~C~~B
Applicable Limits and Compliance Monitoring Requirements
S9 Standby Boiler

Type of Limit	~~Emission~~ Limit of Citation	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	SIP 6-301	Y		Ringelmann No. 1 for less than 3 min/hr		N	
	BAAQMD 6-1-304	N		Ringelmann No. 2 for less than 3 min/hr during tube cleaning		N	
	SIP 6-1-304	Y		Ringelmann No. 2 for less than 3 min/hr during tube cleaning		N	
	BAAQMD Cond #12231 Part 11	Y		Ringelmann No. 0.5		N	
	40 CFR 60.43b(f)	Y		Opacity < 20%, 6-min average, except for one 6-min period/hr at < 27%; limit does not apply during startup, shutdown or malfunction		N	
FP	BAAQMD 6-310.3	N		0.15 grain/dscf @ 6% O2		N	
FP	SIP 6-310.3	Y		0.15 grain/dscf @ 6% O2		N	
Hours of operation	BAAQMD Cond #12231 Part 2a	Y		1000 hours or less per year of operation with natural gas	BAAQMD Cond #12231, Part 13	P/E	records
Hours of operation	BAAQMD Cond #12231 Part 2b	Y		875 hours or less per year of operation with natural gas	BAAQMD Cond #12231, Part 13	P/E	records

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII-~~C~~B
Applicable Limits and Compliance Monitoring Requirements
S9 Standby Boiler

Type of Limit	~~Emission~~ Limit of Citation	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Hours of operation	BAAQMD Cond #12231 Part 3	Y		100 hours or less per year of operation with distillate oil	BAAQMD Cond #12231, Part 13	P/E	records
Heat input	BAAQMD Cond #12231 Part 10	Y		Heat input less than 161 MMbtu/hr~~yr~~	BAAQMD Cond #12231, Part 13	C	gas meter
Heat input	BAAQMD 9-7-112.2	N	1/1/2012	<10% of annual maximum heat capacity per consecutive 12-month period (eq. to 141,197 MMbtu/yr)	BAAQMD 9-7-504	C	Totalizing fuel meter, records
Heat input	40 CFR 60.44b(k)	Y		<10% of annual maximum heat capacity per consecutive 12-month period (eq. to 141,197 MMbtu/yr)	BAAQMD 9-7-504	P/M	fuel

[1] Ground Level Concentration

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII-~~D~~C
Applicable Limits and Compliance Monitoring Requirements
S10, Papermaking including pulping, separation processes, web production, and drying ~~Recycle Paper Machine Steam Dryers~~

Type of Limit ~~Pollutant~~	~~Emission Limit~~ Citation of Limit	FE Y/N	Future Effective Date	~~Emission~~ Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Total Carbon Emis-sions	BAAQMD 8-2-301	Y		15 pounds/day or 300 ppm, dry basis		N	
~~POC~~ Through-put	BAAQMD Cond #13344 Part 1	Y		throughput limit of 146,000 tons of paperboard in any consecutive 12 month period	BAAQMD Cond #13344 Part 2	P/M	Records
SO2	BAAQMD 9-1-301	N		GLC[1] of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N	
	BAAQMD 9-1-302	Y		300 ppm (dry)		N	
Opacity	BAAQMD 6-301	N		Ringelmann No. 1 for less than 3 min/hr		N	
	BAAQMD 6-310.3	Y		0.15 grain/dscf @ 6% O2		N	

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S11, S12, S13, COLD CLEANERS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~VOC~~	~~BAAQMD 8-16-303.5.3~~	~~Y~~		~~VOC content of cleaning solution that is not VMS < 0.42 lb/gal~~	~~BAAQMD 8-8-501.2~~	~~P/M~~	~~Record-keeping~~
VOC	BAAQMD Cond# 16714, part 1	Y		Usage < 20 gal/year at each source	BAAQMD Cond# 16714, part 3	P/M	Record-keeping

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S14, FIRE PUMP ENGINE

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 6-1-303	N		Ringelmann 2.0 for less than 3 minutes in any hour		N	
	SIP Regulation 6-1-303	N		Ringelmann 2.0 for less than 3 minutes in any hour		N	
FP	BAAQMD Regulation 6-1-310	N		0.15 grain/dscf		N	
	SIP Regulation 6-310	Y		0.15 grain/dscf		N	
SO2	BAAQMD Regulation 9-1-301	N		ground level concentrations: 0.5 ppm for 3 consecutive minutes, 0.25 ppm averaged over 60 consecutive minutes, 0.05 ppm averaged over 24 hours		N	
SO2	BAAQMD Regulation 9-1-304	Y		0.5% sulfur limit for liquid fuel		N	
Hours of operation	BAAQMD Condition #22851, part 1	N		34 hours/yr for reliability and maintenance	BAAQMD Condition #22851, part 3	C	Non-resettable totalizing meter

VII. Applicable Emission Limits & Compliance Monitoring Requirements

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S16, Felt Cleaning

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-4-302.1	Y		5 tons of VOC during any calendar year	BAAQMD 8-4-501.1 and 8-4-501.4	P/M	Records

Table VII - G
Applicable Limits and Compliance Monitoring Requirements
S17, Paperboard Coating
S18, Paperboard Sealing

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-12-301.1	Y		2.2 lb VOC/gal (applies to coatings)	BAAQMD 8-12-501.1 and 8-12-501.2	P/D	records

VIII. TEST METHODS

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

Table VIII

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling or USEPA Method 5, Determination of Particulate Matter Emissions from Stationary Sources
BAAQMD 6-310.3	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling or USEPA Method 5, Determination of Particulate Matter Emissions from Stationary Sources
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 9-7-301.1	Performance Standard, NOx, Gaseous Fuel	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-7-301.2	Performance Standard, CO, Gaseous Fuel	Manual of Procedures, Volume IV, ST-6, Carbon Monoxide, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-7-302.1	Performance Standard, NOx, Non-Gaseous Fuel	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-7-302.2	Performance Standard, CO, Non-Gaseous Fuel	Manual of Procedures, Volume IV, ST-6, Carbon Monoxide, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-7-305.1	Natural Gas Curtailment Performance Standard, NOx	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling

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Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 9-7-305.2	Natural Gas Curtailment Performance Standard, CO	Manual of Procedures, Volume IV, ST-6, Carbon Monoxide, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-7-306.1	Equipment Testing - Non-Gaseous Fuel NOx Performance Standard	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-7-306.2	Equipment Testing - Non-Gaseous Fuel CO Performance Standard	Manual of Procedures, Volume IV, ST-6, Carbon Monoxide, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
BAAQMD 9-9-301.2	Emission LimitS Turbines over 10 mw w/o SCR (9/21/94)	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
NSPS Subpart GG	**Standards of Performance for Stationary Gas Turbines (1/27/82)**	
60.332 (a)(1)	Performance Standard, NOx	EPA Method 20, Determination of Nitrogen Oxides, Sulfur Dioxide, and Diluent Emissions from Stationary Gas Turbines
60.333 (a)	SO2 Volumetric Emission Limit	EPA Method 20, Determination of Nitrogen Oxides, Sulfur Dioxide, and Diluent Emissions from Stationary Gas Turbines
60.333 (b)	Fuel Sulfur Limit (gaseous fuel)	ASTM D 1072-80, Standard Method for Total Sulfur in Fuel Gases ASTM D 3031-81, Standard Test Method for Total Sulfur in Natural Gas by Hydrogenation ASTM D 4084-82, Standard Method for Analysis of Hydrogen Sulfide in Gaseous Fuels (Lead Acetate Reaction Rate Method), ASTM D 3246-81, Standard Method for Sulfur in Petroleum Gas by Oxidative Microcoulometry
Permit Condition 12231 part 7	NOx Limit	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
Permit Condition 12231 part 8	NOx Limit	Manual of Procedures, Volume IV, ST-13A, Oxides of Nitrogen, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
Permit Condition 12231 part 9	CO Limit	Manual of Procedures, Volume IV, ST-6, Carbon Monoxide, Continuous Sampling and ST-14, Oxygen, Continuous Sampling
Permit Condition 12231 part 10	SO2 Limit in distillate oil	ASTM D 2880-71, Standard Specification for Gas Turbine Fuel Oils

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Table VIII

Applicable Requirement	Description of Requirement	Acceptable Test Methods
Permit Condition 12231 part 11	Visible particulate emissions	Manual of Procedures, Volume IV, ST-15, Particulate
NSPS Subpart Db	**Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units (12/16/87)**	
40 CFR 60.43b(f)	Opacity Standard	EPA Method 9

~~X.~~IX. PERMIT SHIELD

A. Non-Applicable Requirements

Pursuant to District Regulations 2-6-233 and 2-6-409.12, the federally enforceable regulations and/or standards cited in the following table[s] are not applicable to the source or group of sources identified at the top of the table[s]. Enforcement actions and litigation may not be initiated against the source or group of sources covered by this shield based on the regulatory and/or statutory provisions cited, as long as the reasons listed below remain valid for the source or group of sources covered by this shield.

Table IX-A
S7, Duct Burner

Citation	Title or Description NOx from boilers
BAAQMD Regulation 9, Rule 7	Nitrogen Oxides And Carbon Monoxide From Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters Waste heat recovery boilers are exempt per 9-7-110.5
NSPS, 40 CFR 60, Subpart D	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971 The capacity of S7 is less than 250 MMbtu/hr.
NSPS, 40 CFR 60, Subpart Da	Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978 The capacity of S7 is less than 250 MMbtu/hr.
NSPS, 40 CFR 60 ~~Subparts A,~~ Db~~, & Dc~~	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units~~Standards of Performance for New Stationary Sources~~ S7 is less than 100 MMbtu/hr~~ and is installed before 6/9/89~~.
NSPS, 40 CFR 60 Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units S7 was built before 1989.

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Table IX-B
S10, Papermaking including pulping, separation processes, web production, drying, and coating~~Steam Dryers~~
All Recycle Paperboard Plant Sources, Felt Cleaning, Sealing & Coating

Citation	Title or Description Standards of Performance
BAAQMD Regulation 1-520	Continuous Emission Monitoring (Continuous emission monitoring not required for these sources by BAAQMD)
BAAQMD Regulation 1-521	Monitoring May Be Required (Continuous emission monitoring not required for these sources by BAAQMD)
NSPS 40 CFR 60	~~(~~No applicable subpart for recycle paperboard plants~~)~~

Table IX-C
S9 - Standby Boiler
Recycle Paperboard Plant Sources

Citation	Title or Description General Requirements
BAAQMD Regulation 1-520	Continuous Emission Monitoring (Continuous emission monitoring not required for these sources by BAAQMD)
BAAQMD Regulation 1-521	Monitoring May Be Required (Continuous emission monitoring not required for these sources by BAAQMD)

Table IX-D
Organic Chemical Storage Tanks

Citation	Title or Description Standards of Performance
BAAQMD Regulation 8, Rule 5	Storage of Organic Liquids Organic chemicals have a vapor pressure below 25.8 mmHg.
BAAQMD Regulation 1-521	Monitoring May Be Required (Continuous emission monitoring not required for these sources by BAAQMD)
NSPS 40 CFR 60	No applicable subpart for recycle paperboard plants

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Table IX-E~~D~~
Facility Wide

Citation	Title or Description
BAAQMD Regulation 8, Rule 22	Valves and Flanges at Chemical Plants (Facility is not a chemical plant)
~~BAAQMD~~ SIP Regulation 8, Rule 25	Pump and Compressor Seals at Petroleum Refineries, Chemical Plants, Bulk Plants and Bulk Terminals (Facility is not a petroleum refinery, chemical plant, bulk plant, or bulk terminal)
BAAQMD Regulation 8, Rule 28	Pressure Relief Valves at Petroleum Refineries and Chemical Plants (Facility is not a petroleum refinery or chemical plant)
BAAQMD Regulation 6-302~~, 502~~	Opacity Limitation The APCO has not required the owner/operator to install opacity monitors.~~Particulate Matter and Visible Emissions~~ ~~(Monitoring device for opacity is not required by BAAQMD for this facility)~~
BAAQMD Regulation 6-502	Data, Records and Reporting The APCO has not required the owner/operator to install opacity monitors.
~~BAAQMD Regulation 9, Rule 1 500~~	~~Pressure Relief Valves at Petroleum Refineries and Chemical Plants~~ ~~(Continuous monitoring for SO2 not required by BAAQMD for these sources)~~
~~BAAQMD Regulation 11, except 11-1~~	~~Hazardous Pollutants~~ ~~(Regulations not applicable to recycle paperboard plants or cogeneration plants)~~
~~BAAQMD Regulation 8, Rule 5~~	~~Tank emissions~~ ~~(Stored organic chemicals have vapor pressure below 25.8 mmHg)~~
~~NSPS, 40 CFR 52~~	~~Standards of Performance for New Stationary Sources~~ ~~Facility is not a major stationary source as no single pollutant is emitted above 250 tons per year~~
~~NSPS, 40 CFR 60 notifications~~	~~Various~~ ~~EPA has delegated the authority to receive delegations from sources for most subparts of the NSPS on April 23, 1997.~~
NESHAPS, 40 CFR 63	Major source MACT standards Facility is not a major source of hazardous air pollutants
40 CFR 68	Accidental Release Facility does not store large quantities of materials subject to this standard.

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B. Subsumed Requirements

None~~Pursuant to District Regulations 2-6-233.2 and 2-6-409.12, as of the date this permit is issued, the federally enforceable monitoring, recordkeeping, and reporting requirements cited in the following table for the source or group of sources identified at the top of the table[s] are subsumed by the monitoring, recordkeeping, and reporting for more stringent requirements or by a "hybrid" monitoring scheme. The District has determined that compliance with the requirements listed below and elsewhere in this permit will assure compliance with the substantive requirements of the subsumed monitoring requirements. Enforcement actions and litigation may not be initiated against the source or group of sources covered by this shield based on the subsumed monitoring requirements cited.~~

~~Table IX-A~~
~~S6, Turbine~~

~~Subsumed Requirement Citation~~	~~Title or Description~~	~~Streamlined Requirements~~	~~Title or Description~~
~~NSPS Subpart GG~~	~~Standards of Performance for Stationary Gas Turbines~~		
~~60.334 (a)~~	~~Water to Fuel Monitoring~~	~~BAAQMD Regulation 9 Rule 9~~	~~Nitrogen Oxides from Stationary Gas Turbines~~
~~60.334 (b)(2)~~	~~Fuel Sulfur and Nitrogen Content monitoring (natural gas)~~	~~BAAQMD Condition 148, part 1~~	~~Requirement for use of PUC quality natural gas~~
~~60.334 (c)(2)~~	~~Periods of excess emissions, S02, natural gas~~	~~BAAQMD Condition 148, part 1~~	~~Requirement for use of PUC quality natural gas~~

X. REVISION HISTORY

Initial Issuance (Application 25822): February 16, 1999

Administrative Amendment (no application): September 28, 2000
Changes in monitoring report dates

Administrative Amendments (no application): July 6, 2001
Change to the responsible official and title of contact
Deletion of Permit Condition 14522, Parts 2 and 3 because the duct burner no longer burns fuel oil.
Merger of Permit Condition 14522, Parts 1 and 7 because both of them require use of natural gas.
~~Deletion of permit to burn fuel oil at duct burner~~
~~Deletion of permit condition parts 14522-2 and 14522-3 because the duct burner no longer burns fuel oil.~~
~~Merging of permit condition parts 14522-1 and 14522-7 because they both require use of natural gas.~~
Addition of standard condition I.11 to conform with Manual of Procedures, Volume 2, Part 3, as amended on May 2, 2001.
Changes to standard conditions H.2 and H.3 to with Manual of Procedures, Volume 2, Part 3, as amended on May 2, 2001.
~~Changes to dates~~ Updates of District rule and SIP amendments
Changes to the permit shield language in Section X.B to conform to Regulation 2, Rule 6, as amended on May 2, 2001
Deletion of out-dated SIP rules

Renewal (Application 8095):

~~X.~~XI. GLOSSARY

BAAQMD
Bay Area Air Quality Management District

BACT
Best Available Control Technology

CAA
The federal Clean Air Act

CAAQS
California Ambient Air Quality Standards

CEM
Continuous Emission Monitor

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.

CO
Carbon Monoxide

COM
Continuous Opacity Monitor

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

District
The Bay Area Air Quality Management District

EPA
The federal Environmental Protection Agency.

Excluded
Not subject to any District Regulations.

Federally Enforceable, FE
All limitations and conditions which are enforceable by the Administrator of the EPA

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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.

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.

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.

NAAQS
National Ambient Air Quality Standards

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 both 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.)

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 onsite contemporaneous emission reduction credits. Applies to emissions of POC, NOx, PM10, and SO2.

POC
Precursor Organic Compounds

PM
Total Particulate Matter

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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.

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

SO2
Sulfur dioxide

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

VMS
Branched, cyclic, or linear completely methylated siloxane

VOC
Volatile Organic Compounds

Units of Measure:

Btu	=	British Thermal Unit
GLC	=	ground level concentration
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
min	=	minute
MM	=	million
O2	=	diatomaceous oxygen
ppb	=	parts per billion
ppm	=	parts per million
ppmv	=	parts per million, by volume
S	=	sulfur
std	=	standard
vol	=	volume
wt	=	weight
yr	=	year

~~XII.APPENDIX A – APPLICABLE STATE IMPLEMENTATION PLAN~~

~~See Attachments~~