
San Diego County Air Pollution Control District

10124 Old Grove Rd
San Diego, CA 92131-1649
(858) 586-2600

**TITLE V OPERATING PERMIT
APCD2008-TVP-978586**

Issued To:

CalPeak Power – Border LLC
Site ID # APCD2001-SITE-04211

Site Address:

2060 Sanyo Ave.
San Diego, CA 92154
(312) 766-8716

Mailing Address

4350 Executive Drive, Suite 320
San Diego, CA 92121

Responsible Official – Claude Couvillion, Plant Manager

Facility Contact – Claude Couvillion,

Permit Information Contact – Claude Couvillion

Issued by the San Diego County Air Pollution Control District on _____.

This Title V Operating Permit expires on _____.

Signed by:

Date

Mohsen Nazemi, MS, PE.
Chief, Engineering Division
San Diego County Air Pollution Control District

TABLE OF CONTENTS

	PAGE
PREAMBLE	1
SECTION I. REGULATION XIV PERMIT REQUIREMENTS	2
A. ADMINISTRATIVE PERMIT TERMS	2
B. RENEWAL REQUIREMENTS AND TERMS	3
C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS	3
D. GENERAL PERMIT REQUIREMENTS	5
SECTION II. FACILITY-WIDE REQUIREMENTS	6
A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS	6
B. GENERAL PROHIBITORY APPLICABLE REQUIREMENTS	6
C. PERMIT SHIELDS	6
D. ADDITIONAL TERMS	7
E. TITLE IV PERMIT (ACID RAIN)	7
SECTION III. EMISSION UNIT REQUIREMENTS	8
A. DISTRICT PERMITTED EMISSION UNITS	8
B. REGISTERED AND LEASED EMISSION UNITS	8
C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES	8
SECTION IV. DISTRICT-ONLY PROVISIONS	9
SECTION V. APPENDICES	A-1
A. DISTRICT PERMITS AND REGISTERED UNITS	A-1
B. RULE REFERENCE TABLE	B-1
C. ABBREVIATIONS	C-1

PREAMBLE

This Title V Operating Permit consists of this document and all appendices, including District permits incorporated by reference. The facility is subject to all applicable requirements identified within this permit, unless a specific permit shield is specified within this permit. If an applicable requirement is omitted from this permit, the facility is still obligated to comply with such an applicable requirement. The permittee must comply with all of the terms listed in each section of this permit.

This permit contains five major sections: Section I contains the Regulation XIV requirements required to carry out the Title V Operating Permit program. Section II contains the requirements that are applicable to the facility on a facility-wide basis. Section III contains the requirements that are applicable to individual emission units which have been issued District permits or District registration, or which have been determined to be insignificant emission units. Section IV contains terms and requirements pertaining to variance procedures and compliance schedules, if applicable to the facility. Section V contains three appendices. Appendix A contains all the District permits incorporated within this permit. Appendix B contains a table of all SIP approved and District approved rules. Appendix C contains a list of abbreviations used within this permit.

Copies of the Rules and Regulations of the Air Pollution Control District of San Diego County and the Rules and Regulations for San Diego County contained in the State Implementation Plan (SIP) approved by EPA may be obtained at the District. Copies are also available for review at the following locations:

SD Air Pollution Control District (Library & Public Review Area)	County of SD Law Library (Downtown)	County of SD Law Library (North County)
10124 Old Grove Rd	1105 Front St.	325 S. Melrose Suite 300
San Diego, CA 92131-1649	San Diego, CA 92101	Vista, CA 92083
(858) 586-2600	(619) 531-3900	(760) 940-4386

The current Rules and Regulations of the Air Pollution Control District of San Diego County may also be viewed and downloaded using the following internet address:

www.sdapcd.org

The following addresses should be used to submit any certifications, reports or other information required by this permit:

SD Air Pollution Control District Compliance Division 10124 Old Grove Rd San Diego, CA 92131-1649	USEPA Region IX Director of the Air Division Attn: Air-3 75 Hawthorne Street San Francisco, CA 94105
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SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

1. This Title V Operating Permit expires 5 years from date of issuance. [Rule 1410]
2. Commencing or continuing operation under this permit to operate shall be deemed acceptance of all terms and conditions specified within this permit. This does not limit the right of the applicant to seek judicial review or seek federal EPA review of a permit term or condition. [Rule 1421]
3. This permit may be modified, revoked, reopened and reissued, or terminated by the District for cause. [Rule 1421]
4. The filing of a request by the facility for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay the applicability of any permit condition. [Rule 1421]
5. This permit does not convey any property rights of any sort, or any exclusive privilege. [Rule 1421]
6. The need for the permittee to halt or reduce a permitted activity in order to maintain compliance with any term or condition of this permit shall not be a defense for any enforcement action brought as a result of a violation of any such term or condition. [Rule 1421]
7. In the event of challenge to any portion of this permit, the rest of the permit remains valid. [Rule 1421]
8. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any applicable requirement in this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [Rule 1421]

B. RENEWAL REQUIREMENTS AND TERMS

1. The permittee shall submit a complete application for renewal of this permit to the Air Pollution Control Officer at least 12 months, but not more than 18 months, prior to permit expiration. [Rule 1410]
2. If an administratively complete application for renewal of this permit has been submitted to the Air Pollution Control Officer within the timeframe specified in Section I.B.1. , the terms and conditions of this permit shall remain in effect and the source may continue operations under these terms and conditions until the Air Pollution Control Officer issues or denies the permit renewal. [Rule 1410]

C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

1. The permittee shall provide the District access to the facility and all equipment subject to this permit, and access to all required records pursuant to California Health and Safety Code Section 41510. [Rule 1421]
2. The permittee shall maintain all records required by this permit including any calibration, maintenance, and other supporting information and copies of all reports required by this permit for at least five (5) years from their date of creation. Such records shall be maintained on-site for a minimum of three years. This requirement controls and supersedes any other record retention requirement under this permit as it pertains to, and is required by, District Rule 1421 and Title V of the Clean Air Act. [Rule 1421]
3. Records required by this permit shall be considered as being maintained "on-site" if records for the previous 12-month period are available at the stationary source and any additional records are maintained at a location to be specified by the source and made readily available to the District upon request. [Rule 21]
4. The permittee shall submit monitoring and recordkeeping summary reports and all other monitoring and recordkeeping reports required by this permit to the District every six months, unless a shorter time frame is required by a specific permit condition contained in Section III of this permit. Unless other dates are specified in Section III, reports for data required to be collected from January 1 through June 30, shall be submitted no later than September 1 of the calendar year, and reports for data required to be collected from July 1 through December 31, shall be submitted no later than March 1 of the following calendar year. The report for the final six months of the year may be consolidated with the annual compliance certification required below. All instances of noncompliance from federally enforceable applicable requirements shall be clearly identified in these reports. (Timely completion of District Certification Reports Form 1401-J1 and Form 1401-J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]
5. Each calendar year, the permittee shall submit to the District and to the federal EPA an annual compliance certification, in a manner and form approved in writing by the District, for the previous calendar year that includes the identification of each applicable term or condition of the final permit for which the compliance status is being certified, the compliance status and whether the facility was in continuous or intermittent compliance during the previous calendar

year, identification of the method used to determine compliance during the previous calendar year, and any other information required by the District to determine the compliance status.

The annual compliance certification for a calendar year shall be submitted no later than March 1 of the following calendar year and may be consolidated with the monitoring and recordkeeping report for the last six months of the year for which compliance is certified. (Timely completion of District Certification Reports Form 1401-J1 and Form 1401-J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]

6. Any report submitted to the District or federal EPA pursuant to this permit to comply with a federally enforceable applicable requirement, shall be certified by a responsible official stating that, based on information and belief formed after reasonable inquiry, the report is true, accurate and complete. [Rule 1421]
7. The permittee shall make any trade secret designations of records, documents, or other information submitted to the District or federal EPA in accordance with District Rule 176. [Rule 176]
8. The permittee shall promptly, as defined here, report all deviations from any and all federally enforceable permit terms and conditions including: (a) breakdowns, whether or not they result in excess emissions, (b) deviations that result in excess emissions of any regulated air pollutant, and (c) deviations from monitoring, recordkeeping, reporting and other administrative requirements that do not result in excess emissions. For deviations that result from breakdowns under District Rule 98, the permittee shall report the breakdown within two hours of detection of the breakdown and provide a follow-up written report after corrective actions have been taken. For deviations not due to a breakdown but which result in excess emissions, the permittee shall report the deviation within ten calendar days of detection. For all other deviations where no specific time frame for reporting a deviation applies, the permittee shall report the deviation at the time of the next semi-annual monitoring summary or annual compliance certification, whichever occurs first. If an underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, then the criteria for the applicable requirement shall apply. The report must include the probable cause of such deviations and any corrective actions or preventive measures taken. [Rule 1421]

D. GENERAL PERMIT REQUIREMENTS

1. The permittee shall comply with all terms and conditions of this permit. This permit consists of this document and Appendices A, B and C. Any noncompliance with the federally applicable terms and conditions of this permit shall constitute a violation of the federal Clean Air Act. Noncompliance with any federally applicable permit term or condition of this permit is grounds for federal enforcement action or enforcement action by the District; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Noncompliance with any District permit term or condition is grounds for enforcement action by the District. [Rule 1421]
2. Upon a written request by the District, the permittee shall furnish to the District any information needed to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; any information required to determine compliance with this permit; or any records required to be maintained pursuant to this permit. Such information shall be provided within a reasonable time, as specified within the District's written request. [Rule 1421]
3. The permittee shall pay annual fees in accordance with District Rule 40. [Rule 1421]
4. The permittee shall provide access, facilities, utilities and any necessary safety equipment for source testing and inspection upon request from the District. [Rule 19]
5. This permit shall be maintained on-site at all times and be made available to the District upon request. [Rule 1410]
6. The Rule Reference Table provided in Appendix B shall be used to determine whether a cited rule is a federally and District enforceable requirement or a District only enforceable requirement. Any new or revised District rule shall not be considered federally enforceable until the rule is approved by EPA into the SIP. In cases where SIP approval is pending for a revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule. [Rule 1421]

Regulation	Rule	Life
APCD Reg. II	19.2	Continuous
APCD Reg. IV	50	Visible Emission
APCD Reg. IV	51	Waterway
APCD Reg. IV	52	Specific Requirements
APCD Reg. IV	53	Subsequent of Rule

SECTION II. FACILITY-WIDE REQUIREMENTS

A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS

The permittee shall comply with the applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation.

Regulation	Rule Citation	Title
SDCAPCD Reg. II	10	Authority to Construct Required
SDCAPCD Reg. II	19	Provision of Sampling & Testing Facilities
SDCAPCD Reg. II	19.3	Emission Information
SDCAPCD Reg. II	20, 20.1, 20.2, 20.3	New Source Review (NSR)
SDCAPCD Reg. II	21	Permit Conditions
SDCAPCD Reg. II	24	Temporary Permit to Operate
SDCAPCD Reg. II	25	Appeals
SDCAPCD Reg. IV	60	Circumvention
SDCAPCD Reg. IV	71	Abrasive Blasting
SDCAPCD Reg. V	98	Breakdown Conditions: Emergency Variance
SDCAPCD Reg. VI	101	Burning Control
SDCAPCD Reg. VIII	131	Stationary Source Curtailment Plan
40 CFR Part 68	Part 68	Risk Management Plan (Ammonia Storage)
40 CFR Part 82	Subpart B	Servicing of Motor Vehicle Air Conditioners
40 CFR Part 82	Subpart F	Recycling and Emission Reducing
40 CFR Part 89	Part 89	VOC Standards for Consumer Products

B. GENERAL PROHIBITORY AND OTHER MISC. REQUIREMENTS

The permittee shall comply with the generally applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation. These generally applicable requirements apply on a facility-wide basis to all permitted equipment, registered equipment, and insignificant activities. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more permitted emission units, the requirement is also included in Section III.A. of this permit.

Regulation	Rule Citation	Title
SDCAPCD Reg. II	19.2	Continuous Emission Monitoring Systems
SDCAPCD Reg. IV	50	Visible Emissions
SDCAPCD Reg. IV	51	Nuisance
SDCAPCD Reg. IV	53	Specific Contaminants
SDCAPCD Reg. IV	62	Sulfur Content of Fuels

SDCAPCD Reg. IV	67.0.1	Architectural Coatings
SDCAPCD Reg. IV	67.17	Storage of Organic Materials Containing VOC
SDCAPCD Reg. IV	71	Abrasive Blasting
SDCAPCD Reg. XII	1200	Toxic Air Contaminants – New Source Review
SDCAPCD Reg. XII	1206*	Asbestos Removal, Renovation, and Demolition
40 CFR Part 60	Subpart A	NSPS General Provisions
40 CFR Part 63	Subpart A	NESHAP General Provisions
40 CFR Part 61	Subpart M*	NESHAP - Asbestos
40 CFR Part 72	Part 72	Acid Rain
40 CFR Part 73	Part 73	Sulfur Dioxide Allowance System

* The District issued its own Asbestos Rule 1206 intended to be as stringent as Subpart M. The facility is subject to the most stringent requirements of either rule, which at the time of this report is ensured by compliance with Rule 1206.

C. PERMIT SHIELDS

The permittee is granted a permit shield from enforcement action for the rules cited in the table below based on the District's determination that such rules are not applicable to any operation at this facility.

Regulation	Rule Citation	Title
SDAPCD Reg. IV	52	Particulate matter
SDAPCD Reg. IV	54	Dust and Fumes
SDAPCD Reg. VIII	132	Traffic Abatement Plan

D. ADDITIONAL TERMS

1. Any emission unit described in this Title V operating permit as being fired on natural gas, shall only use Public Utility Commission (PUC)-quality natural gas, unless the emission unit permit specifies otherwise. [Rules 53, 62]
2. The permittee shall comply with all applicable requirements, including but not limited to, those applicable requirements of 40 CFR Parts 60 and 63.
3. Records required by this permit shall be considered as being maintained "on site" if records required for the last 12-months period are available at the stationary source and any additional records are maintained at Larkspur Energy Facility located at 9355 Otay Mesa Road, San Diego, CA 92154, and made readily available to the District upon request [Rule 21].
4. The Permittee shall fire quarterly emission reports in accordance with Rule 19.2. [Rule 19.2]

E. TITLE IV (ACID RAIN) REQUIREMENTS

1. The permittee shall not exceed any emission allowances that are lawfully held under Title IV of the federal Clean Air Act or the regulations promulgated thereunder. [Rule 1421]

2. The permittee shall install, operate, and maintain equipment for the determination of CO₂ and NO_x emissions on each applicable exhaust stack in accordance with 40 CFR Parts 72 and 75. [40 CFR Parts 72 and 75.10(a)]
3. The permittee shall prepare and maintain onsite a written Quality Assurance program in accordance with 40 CFR Part 75, Appendix B for the continuous monitoring of NO_x emissions from each applicable exhaust stack. The components of the Quality Assurance program include, but are not limited to, procedures for daily calibration testing, quarterly linearity testing, recordkeeping and reporting implementation, and relative accuracy testing. [40 CFR Parts 72 and 75]
4. The permittee shall monitor SO₂ emissions in accordance with 40 CFR Part 72 and 75. [40 CFR Parts 72 and 75]
5. The permittee shall submit quarterly electronic data reports to EPA for the emissions from each applicable exhaust stack in accordance with 40 CFR Part 75. These reports must be submitted within 30 days following the end of each calendar quarter and shall include all information required in § 75.64. [40 CFR Part 75]

SECTION III. EMISSION UNIT REQUIREMENTS

A. EMISSION UNITS

Facility Emission Units (EU) are listed below and attached in Appendix A, including all terms and conditions of such permits, and comprise the emission unit portion of this Title V Operating Permit.

EU Reference	Source
APCD2008-PTO-976502	Gas Turbine – Electric Generation

B. REGISTERED AND LEASED EMISSION UNITS

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all registered emission units, unless specifically exempted by the same Rule or Regulations.

Regulation	Rule Citation	Title
SDCAPCD Reg. II	19.2	Continuous Emission Monitoring Requirements
SDCAPCD Reg. II	NSR	New Source Review
SDCAPCD Reg. IV	53	Specific Contaminants
SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDAPCD Reg. IV	67.6	Solvent Cleaning Operations
SDAPCD Reg IV	69.4	Stationary Reciprocating Internal Combustion Engines
SDAPCD Reg IV	69.4.1	Stationary Reciprocating Internal Combustion Engines

C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES

The permittee shall comply with the applicable requirements specified in the District Rules and Regulations for any Insignificant Units located at this facility that are listed at District Regulation XIV, Appendix-A.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	53	Specific Contaminants
SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDAPCD Reg. IV	66	Organic Solvents

SECTION IV. DISTRICT-ONLY PROVISIONS

VARIANCE PROCEDURES

The permittee may seek relief from District enforcement action from District-only provisions in the event of a breakdown in accordance with District Rule 98. Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance does not provide relief from federal enforcement or citizen's suits. [Rule 98]

SECTION V. APPENDICES

APPENDIX A: EMISSION UNITS – SPECIFIC CONDITIONS

EU Reference	Source
APCD2008-PTO-976502	Gas Turbine – Electric Generation

APPENDIX B. RULE REFERENCE TABLE

Rule Citation ¹	Rule Title	A/R ²	District Adoption Date ³	SIP FR Approval Date
	REGULATION I - GENERAL PROVISIONS			
1	Title	F	04/30/80	09/28/81
2	Definitions	F	06/30/99	02/03/00 ⁴
4	Review of Rules	F	01/01/70†	09/22/72
5	Authority to Arrest	F	03/24/76†	05/11/77
	REGULATION II - PERMITS			
10	Permits Required	F	04/27/00	03/11/98
10.1††	NSPS & NESHAP Requirements	D	11/8/76	N/A
11	Exemption from Rule 10 Permit Requirements	D/F	05/09/12	Pending
12	Registration of Specified Equipment	D	11/15/00	N/A
12.1	Portable Equipment Registration	D	05/21/97	N/A
14	Applications	F	04/30/80	09/28/81
15	Permit Process-Public Notifications	D/F	09/18/90	Pending
17	Cancellation of Applications	F	11/25/81	03/11/98
18	Action on Applications	F	01/17/72	09/22/72
18	Action on Applications	D/F	09/18/90	Pending
19	Provision of Sampling and Testing Facilities Requirements	F	04/06/93	03/11/98
19.1††	NSPS & NESHAP Provision of Sampling and Testing Facilities Requirements	D	11/08/76	N/A
19.2	Continuous Emission Monitoring Requirements	F	01/12/79	09/28/81
19.3	Emission Information	F	01/12/79	09/28/81
20	Standards for Granting Permits	D/F	04/25/89	Pending
20.1	Definitions, Emission Calculations, Emission Offsets and Banking, Exemptions and Other Requirements	F	12/17/98	04/14/81
20.1	NSR-General Provisions	D/F	10/14/21	10/28/22
20.2	NSR-Non-major Stationary Sources	D/F	06/26/19	10/16/20
20.3	NSR – Major Stationary Sources and PSD Stationary Sources	D/F	10/14/21	10/28/22
20.4	NSR – Portable Emission Units	D/F	10/14/21	10/28/22
20.5	Power Plant	F	07/05/79	04/14/81
20.6	Standards for Permit to Operate – Air Quality Analysis	D/F	04/27/16	Pending
20.8	Special Offset Requirement Relating to Banking	D	2/16/83	N/A
21	Permit Conditions	F	11/29/94	03/11/98
22	Denial of Applications	F	01/01/69†	09/22/72
23	Further Information	D/F	01/01/69†	N/A

24	Temporary Permit to Operate	F	03/20/96	10/24/08
25	Appeals	F	01/01/69†	09/22/72
25	Appeals	D/F	06/21/00	Pending
26.0	Banking of Emission Reduction Credits (ERCs) - General Requirements	D/F	10/22/97	Pending
26.1	Standards for Granting Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.2	Use of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.3	Reclassification of Class B Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.4	Permanency of Banked Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.5	Transfer of Emission Reduction Credits (ERC)	D/F	10/22/97	Pending
26.6	District Banking of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.7	Shutdown and Related Emission Unit	D/F	10/22/97	Pending
26.8	Banking of Limited Emission Reductions	D/F	10/22/97	Pending
26.9	Emission Reduction Credit Certificates and The Emission Reduction Credit Register	D/F	10/22/97	Pending
26.10	Banking For BRAC Military Base Closure or Realignment Actions	D/F	10/22/97	Pending
27	Banking of Mobile Source Emission Reduction Credits	D/F	11/29/94	Pending
27.1	Federal Requirements for San Diego County APCD Alternative Mobile Source Emission Reduction Program-Approved On 9/8/2000	F	08/06/08	06/03/09
	REGULATIONS III - FEES			
40	Permit Fees	D	01/01/12	N/A
42	Hearing Board Fees	D	07/01/00	N/A
44	Technical Reports, Charges for	D	12/07/83	N/A
	REGULATION IV - PROHIBITIONS			
50	Visible Emissions	F	08/13/97	12/07/98
50.1††	NSPS & NESHAPS Visible Emissions Requirements	D	11/08/76	N/A
51	Nuisance	F	01/01/69†	09/22/72
52	Particulate Matter	F	01/22/97	12/09/98
52.1††	NSPS & NESHAPS Particular Matter Requirements	D	11/08/76	N/A
53	Specific Contaminants	F	01/22/97	12/09/98
53.1	Scavenger Plants	F	01/01/69	09/22/72
53.2††	NSPS & NESHAPS Specific Contaminants Requirements	D	11/08/76	N/A
54	Dusts and Fumes	F	01/22/97	12/09/98
54.1	NSPS & NESHAP Dust and Fumes	D	11/08/76	N/A

	Requirement			
58	Incinerator Burning	F	01/17/73†	05/11/77
59	Control of Waste Disposal - Site Emissions	D	11/03/87	N/A
59.1	Municipal Solid Waste Land	D	06/17/98	N/A
60	Circumvention	F	05/17/94	03/09/00
60.2	Limiting Potential to Emit - Synthetic Minor Sources	D	04/04/12	N/A
61.0	Definitions Pertaining to the Storage & Handling of Organic Compounds	F	10/16/90	09/13/93
61.1	Receiving and Sorting Volatile Organic Compounds at Bulk Plants & Bulk Terminals	F	01/10/95	08/08/95
61.2	Transfer of Volatile Organic Compounds into Mobile Transport Tanks	F	07/26/00	08/26/03
61.3	Transfer of Volatile Organic Compounds into Stationary Storage Tanks	F	10/16/90	06/30/93
61.3.1	Transfer of Gasoline into Stationary Underground Storage Tanks	D	03/01/06	N/A
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tank	F	10/16/90	5/13/93
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tank	D/F	03/26/08	Pending
61.4.1	Transfer of Gasoline from Stationary Underground Storage Tank into Vehicle Fuel Tanks	D	03/01/06	N/A
61.5	Visible Emission Standards for Vapor Control Systems	F	09/20/78	04/14/81
61.6	NSPS Requirements for Storage of Volatile Organic Compounds	D	01/13/87	Withdrawn
61.7	Spillage and Leakage of Volatile Organic Compounds	F	01/13/87	3/11/98
61.8	Certification Requirements for Vapor Control Equipment	F	01/13/87	03/11/98
62	Sulfur Content of Fuel	F	10/21/81	07/06/82
62.1	NSPS Requirements for Sulfur Content of Fuels	D	11/08/76	N/A
64	Reduction of Animal Matter	F	08/21/81	07/06/82
66	Organic Solvents	F	07/25/95	08/11/98
66.1	Miscellaneous Surface Coating Operations and Other Processes Emitting VOCs	D/F	2/24/10	Pending
67.0	Architectural Coatings	F	04/09/03	03/27/97
67.0	Architectural Coatings	D/F	12/12/01	Pending
67.1	Alternative Emission Control Plans	F	05/15/96	03/27/97
67.2	Dry Cleaning Equipment Using Petroleum-Based Solvent	F	05/15/96	03/27/97

67.3	Metal Parts and Products Coating Operations	F	05/15/96	03/27/97
67.4	Metal Container, Metal Closure and Metal Coil Coating Operations	F	05/15/96	11/03/97
67.5	Paper, Film and Fabric Coating Operations	F	05/15/96	03/27/97
67.6.1	Cold Solvent Cleaning and Stripping Operations	F	5/23/07	10/13/09
67.6.2	Vapor Degreasing Operations	F	5/23/07	10/13/09
67.7	Cutback and Emulsified Asphalts	F	05/15/96	03/27/97
67.9	Aerospace Coating Operations	F	04/30/97	08/17/98
67.10	Kelp Processing and Bio-Polymer Manufacturing	F	06/25/97	06/22/98
67.11	Wood Parts and Product Coating Operations	D/F	09/25/02	Pending
67.11.1	Large Coating Operations for Wood Products	F	09/25/02	06/05/03
67.12	Polyester Resin Operations	F	05/15/96	03/27/97
67.15	Pharmaceutical and Cosmetic Manufacturing Operations	F	05/15/96	03/27/97
67.16	Graphic Arts Operations	F	05/09/12	03/27/97
67.17	Storage of Materials Containing Volatile Organic Compounds	F	05/15/96	03/27/97
67.18	Marine Coating Operations	F	05/15/96	03/27/97
67.19	Coating and Printing Inks Manufacturing Operations	F	05/15/96	01/19/00
67.20.1	Motor Vehicle and Mobile Equipment Coating Operation	D	06/30/10	N/A
67.21	Adhesive Material Application Operations	D	11/14/08	N/A
67.22	Expandable Polystyrene Foam Products Manufacturing Operations	D	05/15/96	N/A
67.24	Bakery Ovens	F	05/15/96	03/27/97
68	Fuel-Burning Equipment – Oxides of Nitrogen	F	09/20/94	04/09/96
68.1††	NSPS Requirements for Oxides of Nitrogen from Fuel-Burning Equipment	D	11/08/76	N/A
69	Electrical Generating Steam Boilers, Replacement Units & New Units	D	12/12/95	N/A
69.2	Industrial & Commercial Boilers, Process Heaters & Steam Generators	F	09/27/94	02/09/96
69.2.1	Small Boilers, Process Heaters and Steam Generators	D	03/25/09	N/A
69.3.1	Stationary Gas Turbine Engines – Best Available Retrofit Control Technology	D	02/24/10	N/A
69.4.1	Stationary Reciprocating Internal Combustion Engines – Best Available Retrofit Control	D	11/15/00	N/A

	Technology			
69.5	Natural Gas-Fired Water Heaters	D	01/01/99	N/A
69.5.1	Natural Gas-Fired Water Heaters	D	06/24/15	N/A
69.6	Natural Gas-Fired Fan-Type Central Furnaces	D	06/17/98	N/A
70	Orchard Heaters	F	01/17/72	09/22/72
71	Abrasive Blasting	F	03/30/77	08/31/78
	REGUSLATION V – PROCEDURES BEFORE THE HEARIG BOARD			
75	Procedure Before the Hearing Board	D/F	09/17/85	Pending
75.1††	NSPS & NESHAPS Variance Procedures	D	09/17/85	07/30/79
97	Emergency Variance	D/F	07/25/95	Pending
98	Breakdown Conditions: Emergency Variance	D	07/25/95	Withdrawn
	REGULATION VI – BURNING CONTROL			
101	Burning Control	F	09/25/02	04/30/03
	REGULATION VII – VALIDITY & EFFECTIVE DATE			
140	Validity		01/01/69	
141	Effective Date		01/01/69	
	REGULATION VIII-SAN DIEGO EMERGENCY PLAN			
126	Applicability		05/25/77	
127	Episode Criteria Levels		09/17/91	
128	Episode Declaration		09/17/91	
129	Episode Termination		05/25/77	
130	Episode Actions		09/17/91	
131	Stationary Source Curtailment		04/01/81	
131	Traffic Abatement Plan		12/17/97	
133	Schools	F	05/25/77	08/31/78
134	Source Inspection	F	04/01/81	06/21/82
135	Air Monitoring Stations	F	05/25/77	08/31/78
136	Interdistrict and Interbasin Coordination	F	05/25/77	08/31/78
137	Emergency Action Committee	F	05/25/77	08/31/78
138	Procedures and Plans	F	05/25/77	08/31/78
	APPENDIX A – Persons to be Notified on Episode Declaration	F		
	REGULATION IX – PUBLIC RECORDS			
175	General	F	05/22/74	05/11/77
176	Information Supplied to District	F	05/22/74	05/11/77
177	Inspection of Public Records	F	03/30/77	08/31/78
177	Inspection of Public Records	D/F	06/20/01	Pending
	REGULATION XII – TOXIC AIR CONTAMINANTS			
1200	Toxic Air Contaminants – New Source Review	D	06/12/96	N/A
1202	Hexavalent Chromium – Cooling Towers	D	07/25/95	N/A
1203	Ethylene Oxide Sterilizers and Aerators	D	07/26/00	N/A

1205	Control of Dioxins Emissions from Medical Waster Incinerators	D	01/01/94	N/A
1210	Toxic Air Contaminant Public Health Risks – Public Notification and Risk Reduction	D	06/12/96	N/A
	REGULATION XIV – TILTE V OPERATING PERMITS			
1401	General Provisions		08/13/03	
1410	Permits Required		08/13/03	
1411	Exemption from Permit to Operate for Insignificant Units		03/07/95	
1412	Federal Acid Rain Program Requirements		01/18/94	
1413	Early Reduction of Hazardous Air Pollutants		03/07/95	
1414	Applications		03/07/95	
1415	Permit Process-Public Notification		08/13/03	
1417	Pendency and Cancellation of Applications		03/07/95	
1418	Action on Applications		08/13/03	
1419	Provision of Sampling and Testing Facilities & Emission Information		03/07/95	
1420	Standards for Granting Permits		03/07/95	
1421	Permit Conditions		08/13/03	
1422	Denial or Cancellation of Application		03/07/95	
1423	Further Information		None	
1424	Applications Deemed Denied		None	
1425	Appeal and Judicial Review		08/13/03	
Appendix A	Insignificant Units		08/13/03	
	REGULATION XV – FEDERAL CONFORMITY			
Rule 1501	Conformity of General Federal Actions		03/07/95	

The following NSPS and NESHAP have been adopted locally by the District. EPA has granted the District delegation for each of these rules. Therefore, these rules, as adopted by the District are the federally applicable requirements. For all other NSPS and NESHAP, the versions cited in the CFR are the federally applicable requirements.

Subpart & Citation	Rule Title	District Adoption Date	Federal Delegation Date
Part 60	Regulation X -Standards of Performance for New Stationary Sources		
A	General Provisions	Unknown 11/03/92	11/08/76
E	Standards of Performance for Incinerators	Unknown	03/30/77
I	Standards of Performance for Asphalt Concrete Plants	Unknown 01/13/87	11/08/76
L	Standards of Performance for Secondary Lead	Unknown	11/08/76

	Smelters		
M	Standards of Performance for Secondary Brass and Bronze Ingot Production Plants	Unknown 09/17/85	03/30/77
O	Standards of Performance for Sewage treatment Plants	01/13/87	09/17/87
DD	Standards of Performance for Grain Elevators	Unknown	05/24/82
EE	Standards of Performance for Surface Coating Metal Furniture	03/04/86 11/03/92	03/19/87
QQ	Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing	08/24/83	12/22/83
RR	Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations	09/17/86 11/03/92	03/19/87
SS	Standards of Performance for the Industrial Surface Coating Large Appliances	02/22/84 11/03/92	04/24/84
TT	Standards of Performance for Metal Coil Surface Coating	02/22/84 11/03/92	04/24/84
BBB	Standards of Performance for the Rubber Tire Manufacturing Industry	03/14/89	07/18/89
FFF	Standards of Performance for Flexible Vinyl and Urethane Coating and Printing	09/17/86	03/19/87
JJJ	Standards of Performance for Petroleum Dry Cleaners	12/15/87	07/18/89
Part 63	REGULATION XI – NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP)		
A	General Provisions	01/13/87	05/24/82
C	National Emission Standard for Beryllium	Unknown	11/08/76
D	National Emission Standard for Beryllium Rocket Motor Firing	Unknown	11/08/76
E	National Emission Standard for Mercury	03/27/90	05/17/91
F	National Emission Standard for Vinyl Chloride	08/17/77 06/16/78	11/21/77
M	National Emission Standard for Asbestos	06/04/85 02/01/95	07/18/89
SSSS	Surface Coating of Metal Coil	F	03/17/03
VVVV	Boat Manufacturing	F	08/22/01
WWWW	Reinforced Plastic Composites Production	F	08/25/05
YYYY	Stationary Combustion Turbines	F	08/18/04
ZZZZ	Stationary Reciprocating Internal Combustion Engines	F	03/09/11
DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	F	05/18/11
GGGGG	Site Remediation	F	11/29/06
HHHH	Miscellaneous Coating Manufacturing	F	10/04/06
PPPPP	Engine Test Cells/Standards	F	08/28/03

WWWWW	Hospital Ethylene Oxide Sterilizers Area Sources	F	12/28/07
BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	F	01/24/11
CCCCC	Gasoline Dispensing Facilities	F	01/24/11
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources	F	01/09/08
JJJJJ	Area Sources: Industrial, Commercial and Institutional Boilers	F	03/21/11
QQQQQQ	Wood Preserving Area Sources	F	07/16/07
VVVVVV	Chemical Manufacturing Area Sources	F	11/29/09
WWWWW	Plating and Polishing Operations Area Sources	F	07/01/08
XXXXXX	Metal Fabrication and Finishing Area Sources	F	07/23/08
AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area Sources	F	12/02/09
CCCCCCC	Paint and Allied Products Manufacturing Area Sources	F	12/03/09

The following NSPS have not been adopted by the District and are not delegated to the District. However, the District has the authority to enforce the NSPS through the Title V program. The rules listed below are the CFR versions of these rules, which are federally applicable requirements.

Subpart & Citation	RULE TITLE	Latest EPA Promulgation Date	District Adoption Date	Delegation Date
Part 60				
III	Standard of Performance for Stationary Compression Ignition Internal Combustion Engines	07/11/06	N/A	N/A
JJJ	Standard of Performance for Stationary Spark Ignition Internal Combustion Engines	01/18/08	N/A	N/A

The following ATCM have not been adopted by the District, but are being implemented and enforced by the District as ATCM's.

Citation	RULE TITLE	A/R	Most Recent Adoption Date
	CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES (ATCM)		
17CCR 93102	Hexavalent Chromium ATCM for Chrome Plating & Chronic Acid Anodizing Operations	D/F	12/07/06
17CCR 93109	ATCM for Emissions of Perchloroethylene From Dry Cleaning Operations	F	01/25/07
17CCR 93101.5	ATCM to Reduce Emissions of Hexavalent Chromium and	D	09/30/05

	Nickel from Thermal Spraying		
17CCR 93105	ATCM for Construction, Grading, Quarrying and Surface Mining Operations	D	07/26/01
17CCR 93106	Asbestos ATCM for Surface Applications	D	07/20/00
17CCR 93107	ATCM for Emissions of Toxic Metals From Non-Ferrous Metal Melting	D	01/14/93
17CCR 93111	ATCM for Emissions of Chlorinated Toxic Air Contaminants from Automotive Maintenance & Repair Activities	D	04/27/00
17CCR 93112	ATCM for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Motor Equipment Coatings	D	09/20/01
17CCR 93113	ATCM to Reduce Emissions of Toxic Air Contaminants from Outdoor Residential Waste Burning	D	02/03/03
17CCR 93115	ATCM for Stationary Compression Ignition Engines	D	05/19/11
17CCR 93116	ATCM for Portable Diesel-Fueled Engines	D	02/19/11

1. Rule Citations marked with an “††” contain no substantive requirements and are listed for informational purposes only.
2. ‘A/R’ Denotes enforceability of the listed applicable requirement as follows:
‘F’ Denotes a Federal applicable requirement that is federally enforceable and District enforceable.
‘D/F’ Denotes a District applicable requirement which is pending SIP approval. When such a rule receives SIP approval, it supersedes the existing SIP rule and becomes the Federal applicable requirement.
‘D’ Denotes a District only applicable requirement. This may include some state requirements that are enforceable by the District.
3. District adoption dates marked with an “†” are the effective date of the rule, the actual adoption date is uncertain.
4. On September 17, 2010, EPA approved the District’s November, 4, 2009, revision to the table of exempt compounds in Rule 2, which can be administratively amended without Board action to amend the rule.

APPENDIX C: ABBREVIATIONS THAT MAY APPEAR IN THIS PERMIT

APCO Air Pollution Control Officer
ASTM American Society for Testing and Methods
BACT Best Available Control Technology
CAA federal Clean Air Act
CFR Code of Federal Regulations
CO Carbon Monoxide

CO2 Carbon Dioxide
 District San Diego County Air Pollution Control District
 EF Emission Factor
 EPA US Environmental Protection Agency
 HAP Hazardous Air Pollutant
 I&M Inspection and Maintenance
 NESHAP National Emission Standard for Hazardous Air Pollutants
 NSPS New Source Performance Standards
 NSR New Source Review
 [NSR] New Source Review based condition
 NOx Oxides of nitrogen
 O2 Oxygen
 OES Office of Environmental Services
 O&M Operation and maintenance
 Pb Lead
 PM Total Particulate Matter
 PM10 Particulate matter with aerodynamic equivalent diameter of ≤ 10 microns
 PSD Prevention of Significant Deterioration
 RMP Risk Management Plan
 SDCAPCD San Diego County Air Pollution Control District
 SIP State Implementation Plan
 SOx Oxides of sulfur
 Title IV Title IV of the federal Clean Air Act
 Title V Title V of the federal Clean Air Act
 VOC Volatile organic compound
 Units of Measure:
 dscf = Dry standard cubic foot
 g = grams
 gal = gallon
 gr/dscf = Grains per dry standard cubic foot
 hr = hour
 lb = pound
 in = inches
 max = maximum
 min = minute
 MM Btu = Million British thermal units
 psia = pounds per square inch, absolute
 scf = Standard cubic foot
 scfm = standard cubic feet per minute
 yr = year



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

Sectors: 5, S
Site ID: APCD2001-SITE-04211
App ID: APCD2015-APP-004069

PERMIT ID
APCD2008-PTO-976502

CalPeak Power - Border LLC
Claude Couvillion
4350 Executive Drive, Suite 320
San Diego CA, 92121

EQUIPMENT ADDRESS

CalPeak Power Border LLC
Plant Manager
2060 Sanyo Avenue
San Diego CA 92154

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

CalPeak Power - Border LLC Attn: General Manager 7365 Mission Gorge Rd Bldg B #C, San Diego, CA 92120

EQUIPMENT DESCRIPTION

GAS TURBINE (49.5 MW): PRATT & WHITNEY, MODEL FT-8 (DLN), TWIN-PAC (TWO SIMPLE CYCLE GAS TURBINES WITH COMMON GENERATOR AND EXHAUST), 500 MM BTU/HR TOTAL HEAT INPUT, NATURAL GAS FIRED, WITH EXHAUST AIR COOLING, A PEERLESS MANUFACTURING COMPANY SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM WITH A HALDOR CATALYST, AN ENGELHARD OXIDATION CATALYST SYSTEM, A CONTINUOUS EMISSION MONITORING SYSTEM (CEMS), AND CONTINUOUS PARAMETRIC MONITORS.(976502AFS11JUL2002)(978638 ALC 09/04)(983962 & 984416 EAD 6/07/07)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [20F] Non- Aircraft Turbine Engine
1 [93A] Test Witness and Report Review (T&M)

BEC: APCD2013-CON-000611

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The permittee shall comply with the applicable requirements in 40 CFR Parts 60, 72, 73, and 75. [Rule 1421]
2. Provided the equipment subject to this permit is operated in compliance with all of the Section (A) conditions listed below as they exist on the date of issuance of this permit, a permit shield is granted from enforcement action for the following applicable requirements: Rule 53, Rule 62, Rule 68, Rule 69.3, and 40 CFR Part 60 Subpart GG. [Rule 1421]
3. The Emission unit shall be fired on Public Utility Commission (PUC) quality natural gas only. The permittee shall maintain quarterly records of sulfur content (grains/100 dscf) and higher heating value (Btu/dscf) of the natural gas and provide such records to the District personnel upon request. More frequent records or equivalent documentation from the gas utility may be utilized to satisfy this condition. [NSR, Rule 62 and 40 CFR 60 Subpart GG]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT

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www.sdapcd.org

Sectors: 5, S

Site ID: APCD2001-SITE-04211

App ID: APCD2015-APP-004069

PERMIT ID

APCD2008-PTO-976502




4. The permittee shall comply with all the applicable provisions of 40 CFR 73, including requirements to offset, hold and retire SO₂ allowances. [40 CFR Part 73]
5. Except as specified herein, all records required by this permit shall be maintained on site for a minimum of five years and made available to District personnel upon request. If this site becomes unmanned, the permittee shall submit an alternate site for the maintenance of records to District for approval. [Rule 1421]
6. Except during startups and shutdowns the air pollution control system including the water injection system, if equipped with water injection, and the ammonia injection system serving the SCR, shall be in operation in accordance with manufacturer's specifications at all times when the unit is in operation. All manufacturer's specifications shall be maintained on site or at a District-approved alternate location and made available to District personnel within 48 hours after request. [NSR, Rule 1200]
7. The concentration of ammonia solution used in this equipment shall be less than 20% ammonia by weight. Records of ammonia solution concentration shall be maintained on site for a minimum of five years and made available to District personnel upon request. [Rule 1421]
8. In the event of a breakdown in an automatic ammonia injection control system, the unit shall be shut down or a trained operator shall operate the ammonia injection control system manually and the breakdown shall be reported to the District Compliance Division pursuant to Rule 98(b)(1) and 98(e). [Rule 98, NSR]
9. An application for modification of District permits for this equipment shall be required for any proposed physical or operational modification to the equipment described herein, including a modification to convert this simple cycle unit to a combined cycle unit. Applicable new source review requirements for the proposed equipment modification shall be re-evaluated at that time. [Rule 10]
10. For the purposes of this permit to operate, startup conditions shall be defined as the 30-minute time period starting when fuel flow begins. Shut-down conditions shall be defined as the 30-minute time period preceding the moment at which fuel flow ceases. The Data Acquisition System (DAS), as required by 40 CFR 75, shall record these events. [Rule 69.3.1]
11. A Continuous Emission Monitoring System (CEMS) shall be maintained and calibrated to measure and record the concentrations of oxides of nitrogen (NO_x) and carbon monoxide (CO) in the exhaust gas on a dry basis (ppmvd), corrected to 15% oxygen, and in pounds per hour. The CEMS shall also measure the oxygen content (O₂) in the exhaust gas. The CEMS shall be in full operation at all times when the unit is in operation. [NSR, Rule 69.3.1, 40 CFR 60 Subpart GG §60.334(e)]
12. At all times, including during startups and shutdowns, emissions of oxides of nitrogen (NO_x), calculated as nitrogen dioxide, from the unit exhaust stack shall not exceed 75 parts per million by volume on a dry basis (ppmvd), corrected to 15 percent oxygen and averaged over 4-hour rolling period, as specified in NSPS Subpart GG. Compliance with this limit shall be demonstrated continuously based on CEMS data (40 CFR Part 60 Subpart GG)
13. The emissions of oxides of nitrogen (NO_x), calculated as nitrogen dioxide, from the unit exhaust stack shall not exceed 9 parts per million volume on a dry basis (ppmvd) corrected to 15% oxygen and averaged over each clock hour and shall not exceed 3.5 PPMVD corrected to 15% oxygen and averaged over each rolling 3-hour period. Compliance with these limits shall be demonstrated continuously based on CEMS data and based upon source testing calculated as the average of three subtests. These limits shall not apply during startup and shutdown conditions. [Rule 20.3, Rule 69.3.1]
14. Emissions of carbon monoxide (CO) from the unit exhaust stack shall not exceed 50 parts per million volume on a dry basis (PPMVD) corrected to 15% oxygen and averaged over each rolling 3-hour period. Compliance with this limit shall be demonstrated continuously based on CEMS data and based upon source testing calculated as the average of three subtests. This limit shall not apply during startup and shutdown conditions. [Rule 20.3]
15. Emissions of Volatile Organic Compounds (VOC), calculated as methane, from the turbine exhaust stack shall not exceed 2 parts per million volume on a dry basis (PPMVD) corrected to 15% oxygen. Compliance with this limit shall be demonstrated based on source testing (average of three subtests). This limit shall not apply during startup and shutdown conditions. [Rule 20.3]
17. All rolling averages shall only include values taken when the unit(s) are operating. [Rule 69.3.1, 40 CFR Part 75, NSR]



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Sectors: 5, S
Site ID: APCD2001-SITE-04211
App ID: APCD2015-APP-004069

PERMIT ID
APCD2008-PTO-976502


18. Emissions of oxides of nitrogen (NO_x) shall not exceed 7.2 pounds per hour averaged over each rolling 3- hour period. Compliance with this limit shall be demonstrated continuously based on CEMS data and based on source testing calculated as the average of three subtests. This limit shall not apply during startup and shutdown conditions. [Rule 20.3]
19. Emissions of oxides of nitrogen (NO_x) shall not exceed 173 pounds in any calendar day nor exceed 31.6 tons in any calendar year. Compliance with this limit shall be demonstrated based on CEMS data. [Rule 20.3]
20. Emissions of carbon monoxide (CO) shall not exceed 22 pounds per hour averaged over each rolling 3-hour period. Compliance with this limit shall be demonstrated continuously based on CEMS data and based on source testing calculated as the average of three subtests. This limit shall not apply during startup and shutdown conditions. [Rule 20.3]
21. Emissions of carbon monoxide (CO) shall not exceed 528 pounds in any calendar day nor exceed 100 tons in any calendar year. Compliance with this limit shall be demonstrated based on CEMS data. [Rule 20.3]
22. An operating log or data acquisition and handling system (DAHS) records shall be maintained either on site or at a District-approved alternate location to record actual times and durations of all startups and shut-downs, quantity of fuel used (scf) and energy generated (MW-hr), (monthly and annually by calendar year), hours of daily operation and total cumulative hours of operation (monthly and annually by calendar year). [NSR, Rule 69.3.1]
23. The oxides of nitrogen (NO_x) and oxygen (O₂) CEMs shall be certified and maintained in accordance with applicable Federal Regulations including the requirements of:
 - Sections 75.10 and 75.12 of Title 40
 - Code of Federal Regulations Part 75 (40 CFR 75)
 - the performance specifications of Appendix A of 40 CFR 75
 - the quality assurance procedures of Appendix B of 40 CFR 75
 - the CEMs protocol approved by the District.The carbon monoxide (CO) CEMS shall be certified and maintained in accordance with 40 CFR 60, and a CEMS protocol approved by the District, unless otherwise specified in this permit. [Rule 69.3.1, 40 CFR Part 60, 40 CFR Part 75]
24. The Continuous Emissions Monitoring System (CEMS) shall be maintained and operated, and reports submitted, in accordance with the requirements pertaining to effective operation of CEMS at Rule 19.2 Sections (d), (e), (f)(2), (f)(3), (f)(4) and (f)(5) and CEMS Protocol approved by the District. [NSR]
25. Except for changes that are specified in the initial approved NO_x monitoring protocol or a subsequent revision to that protocol that is approved in advance, in writing, by the District, the District shall be notified in writing at least thirty (30) days prior to any planned changes made in the CEMS/DAHS (including the programmable logic controller) software which affects the value of data displayed on the CEMS/DAHS monitors with respect to the parameters measured by their respective sensing devices or any planned changes to the software that controls the ammonia flow to the SCR. Unplanned or emergency changes shall be reported to the District within 96 hours. [Rule 69.3.1, 40 CFR Part 75, NSR]



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Sectors: 5, S
Site ID: APCD2001-SITE-04211
App ID: APCD2015-APP-004069

PERMIT ID
APCD2008-PTO-976502

26. The Unit shall be equipped with continuous monitors to measure, calculate and record the following operational characteristics:

- a. Hours of operation (hours)
- b. Natural Gas flow rate (kscfh)
- c. Exhaust gas temperature (degrees Fahrenheit)
- d. SCR average temperature (degrees Fahrenheit)
- e. Ammonia injection rate (lbs/hour)
- f. Net power output to grid (MW)
- g. Water (for NOx control) injection rate (lb/hr) if equipped with water injection

These parameters shall be continuously monitored. These monitors shall be calibrated and maintained in accordance with manufacturer's recommended procedures and a Protocol approved by the District.

[Rule 69.3.1]

27. Flow meters shall be installed and maintained to measure the flow of fuel, water injection (if applicable), and ammonia injection corrected for temperature and pressure. Calibration reports, correction factors and constants for the previous five years shall be maintained on site or at a District approved alternate location and made available to the District within 48 hours after request. Fuel flow meters shall meet the applicable quality assurance requirements of 40 CFR Part 75, Appendix D, Section 2.1.6. [NSR, Rule 69.3.1, Rule 1200]



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Sectors: 5, S
Site ID: APCD2001-SITE-04211
App ID: APCD2015-APP-004069

PERMIT ID
APCD2008-PTO-976502

28. A Continuous Emission Monitoring System (CEMS) shall be installed and properly maintained and calibrated in accordance with an approved CEMS Protocol to measure, calculate and record the following in accordance with the approved CEMS Protocol:
- a. Hourly average concentration of oxides of nitrogen (NO_x) corrected to 15% oxygen in parts per million (PPM)
 - b. Hourly average concentration of carbon monoxide (CO) corrected to 15% oxygen in parts per million (PPM)
 - c. Percent oxygen (O₂) in the exhaust gas (%)
 - d. Average concentration of oxides of nitrogen (NO_x) corrected to 15% oxygen for each continuous rolling 3- hour period in parts per million (PPM)
 - e. Hourly mass emissions of oxides of nitrogen (NO_x) in pounds
 - f. Daily mass emissions of oxides of nitrogen (NO_x) in pounds
 - g. Monthly mass emissions of oxides of nitrogen (NO_x) in pounds
 - h. Annual mass emissions of oxides of nitrogen (NO_x), in tons
 - i. Hourly mass emission of carbon monoxide (CO) in pounds
 - j. Daily mass emission of carbon monoxide (CO) in pounds
 - k. Monthly mass emission of carbon monoxide (CO) in pounds
 - l. Annual mass emission of carbon monoxide (CO) in tons

The CEMS shall be operated in accordance with the approved CEMS Monitoring Protocol at all times when the unit is in operation. A copy of the CEMS Monitoring Protocol shall be maintained on site and made available to District personnel upon request. [Rule 69.3.1, 40 CFR Part 75, NSR]

29. When the CEMS is not recording data and the unit is operating, hourly NO_x emissions shall be determined in accordance with 40 CFR 75 Appendix C. Additionally, hourly CO emissions shall be determined using the hourly emission rates recorded by the CEMS during the most recent hours in which the unit operated 3 continuous hours at no less than 80% of full power rating. Alternate hourly emission rates to be used shall be CO emission factors to be determined from compliance source test emissions and fuel consumption data, in terms of pounds per hour of CO for the gas turbine. Emission calculations used to determine alternate hourly emission rates shall be reviewed and approved by the District, in writing, before the alternative hourly emission rates are incorporated with the CEMS emission data. [NSR]
30. A Relative Accuracy Test Audit (RATA) and all other required certification tests shall be performed and completed on the CEMS in accordance with 40 CFR Part 75 Appendix A and B (Performance Specifications) and for the CO CEMS utilizing 40 CFR Part 60 Appendix B (Performance Specifications). At least 21 days prior to the test date, the permittee shall submit test protocol to the District for approval. Additionally, the District shall be notified a minimum of 21 days prior to the test so that observers may be present. [40 CFR Part 60, 40 CFR Part 75]
31. This unit shall be source tested to demonstrate compliance with the NO_x, CO, VOC, and Ammonia emission standards of this permit, using District approved methods. The source test and the NO_x and CO RATA tests shall be conducted in accordance with the RATA frequency requirements of 40 CFR 75 Appendix B, Sections 2.3.1 and 2.3.3. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. [NSR, Rule 1200]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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Sectors: 5, S
Site ID: APCD2001-SITE-04211
App ID: APCD2015-APP-004069

PERMIT ID
APCD2008-PTO-976502

33. Within 45 days after completion of the renewal source test or RATA, a final test report shall be submitted to the District for review and approval. For test reports except RATA reports, the District may grant an extension of this deadline, if requested, for up to an additional 15 days for tests requiring lab work that cannot be completed within this timeframe. [NSR, Rule 69.3.1]
34. Any violation of any emission standard as indicated by the CEMS shall be reported to the District within 96 hours after such occurrence. [CA Health and Safety Code 42706]
35. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

16. Ammonia emissions from the unit exhaust stack shall not exceed 10 parts per million by volume on a dry basis (ppmvd) corrected to 15% oxygen. Compliance with this limit shall be demonstrated through source testing calculated as the average of three subtests. This limit shall not apply during startup and shutdown periods. [Rule 1200]
36. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
37. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act [California Health and Safety Code Section 44300 et seq.]