
San Diego County Air Pollution Control District

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

**TITLE V OPERATING PERMIT
APCD2008-TVP-979681**

Issued To:

SDG&E Cuyamaca Peak Energy Plant
Site ID # APCD2001-SITE-04087

Site Address:

Street Address
200 North Johnson Ave
El Cajon, CA. 92020
(760) 432-2503

Mailing Address

ATTN: Environmental Operations CP21E
8315 Century Park Court
San Diego, CA 92123

Responsible Official – Carl LaPeter, Plant Manager

Facility Contact – Casey Williams, Sr. Env.

Permit Information Contact – Brain Yim, Principal. Env. Spec.

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 | 2 |
| C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS | 3 |
| D. GENERAL PERMIT REQUIREMENTS | 4 |
| SECTION II. FACILITY-WIDE REQUIREMENTS | 5 |
| A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS | 5 |
| B. FACILITY-WIDE/OTHER PROHIBITORY & MISC. REQUIREMENTS | 5 |
| C. PERMIT SHIELDS | 6 |
| D. ADDITIONAL TERMS | 6 |
| E. TITLE IV PERMIT (ACID RAIN) | 6 |
| SECTION III. EMISSION UNIT REQUIREMENTS | 7 |
| A. DISTRICT PERMITTED EMISSION UNITS | 7 |
| B. REGISTERED AND LEASED EMISSION UNITS | 7 |
| C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES | 7 |
| SECTION IV. VARIANCE PROCEDURES | 8 |
| 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) 10124 Old Grove Rd San Diego, CA 92131-1649 (858) 586-2600 | County of SD Law Library (Downtown) 1105 Front St. San Diego, CA 92101 (619) 531-3900 | County of SD Law Library (North County) 325 S. Melrose Suite 300 Vista, CA 92083 (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 |
|--|---|

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 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]

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. FACILITY-WIDE/OTHER PROHIBITORY & 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 | 52 | Particulate Matter |
| 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. 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 73 | Part 73 | Sulfur Dioxide Allowance System |
| 40 CFR Part 74 | Part 74 | Acid Rain |

* 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 shielded from enforcement action for the following requirements as part of this permit in accordance with the provisions of District Rule 1410(p). For those shielded requirements that are subsumed by more stringent requirements, the permittee must comply with the more stringent requirement as given in this permit. For any shielded requirement that is based on a regulatory exemption, the requirement shall only be shielded to the extent of the exemption.

| Requirement | Basis of Shield |
|-------------------|--|
| SDCAPCD Rule 68 | Not applicable per Rule 69.3 §(a) and 69.4.1 |
| SDCAPCD Rule 69.3 | Subsumed by NSR limits; Rule 69.3.1; and MRR |

Nothing in this permit shield, or any other provisions under this permit pursuant to District Rule 1410(p), shall alter or affect the following:

1. The provisions of Section 303 of the federal Clean Air Act including the authority of the Administrator under that section,
2. The liability of a source for any violation of applicable requirements prior to or at the time of permit issuance,
3. The applicable requirements of the acid rain program consistent with Section 408 (a) of the federal Clean Air Act, and

4. The ability of EPA to obtain information from a source pursuant to Section 114 of the federal Clean Air Act.

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.

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 Category |
|---------------------|------------------------|
| APCD2008-PTO-976021 | Gas Turbine |

| | |
|---------------------|-------------------------------|
| APCD2020-PTO-003552 | Emergency Gas Fired IC Engine |
|---------------------|-------------------------------|

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 | 52 | Particulate Matter |
| SDCAPCD Reg. IV | 53 | Specific Contaminants |
| SDCAPCD Reg. IV | 54 | Dust and Fumes |
| SDCAPCD Reg. IV | 62 | Sulfur Content of Fuels |

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 (no insignificant units were listed in the permittee's application).

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: DISTRICT PERMITS AND REGISTERED UNITS

| EU Reference | Source Category |
|---------------------|-------------------------------|
| APCD2008-PTO-976021 | Gas Turbine |
| APCD2020-PTO-003552 | Emergency Gas Fired IC Engine |

APPENDIX B: RULE REFERENCE TABLE

APPENDIX C: ABBREVIATIONS



Sectors: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-004762

PERMIT ID
APCD2008-PTO-976021

SDG&E Cuyamaca Energy
 Senior Environmental Specialist
 8315 Century Park Ct CP21E
 San Diego CA, 92123

EQUIPMENT ADDRESS
 SDG&E Cuyamaca Energy
 Senior Environmental Specialist
 200 N Johnson Ave
 El Cajon CA 92020

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

SDG&E Cuyamaca Energy Environmental Operations 8315 Century Park Ct CP21E, San Diego, CA 92123

EQUIPMENT DESCRIPTION

Gas Turbine (49.5 MW): Pratt & Whitney, Model FT-8 (DLN), Swift-Pac (two simple cycle gas turbines with common generator and exhaust), 500 MMBtu/hr total heat input, natural gas fired; exhaust air cooling, a Peerless Manufacturing Company Selective Catalytic Reduction (SCR) System with a Haldor Catalyst, and an Engelhard Oxidation Catalyst System; A Continuous Emission Monitoring System (CEMS), And Continuous Parametric Monitors. (976021 ALC 09/04)(978639 ALC 09/04)(983961 & 984415 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 [93A] Test Witness and Report Review (T&M)
 1 [20F] Non- Aircraft Turbine Engine

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 and lower heating values (Btu/dscf) of the natural gas and provide such records to the District personnel upon request. [Rule 62 and/or 40 CFR 60 Subpart KKKK]
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]



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: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-004762

PERMIT ID
APCD2008-PTO-976021


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, shutdowns or during approved periods of testing, tuning and maintenance as defined in this permit, 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 water injection or ammonia injection control system, or during any testing, tuning or maintenance operation that involve tuning of either of these systems, a trained operator shall operate the system manually and if due to a breakdown, the breakdown shall be reported to the District Compliance Division pursuant to Rule 98. [Rule 20.2(d)(1), Rule 98]
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, 40 CFR 60 Subpart GG §60.334 (e))
12. 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, shutdowns or during approved periods of testing, tuning and maintenance as defined in this permit. [Rule 69.3.1, NSR]
13. 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 or during approved periods of testing, tuning and maintenance as defined in this permit. (NSR)
14. 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, shutdowns or during approved periods of testing, tuning and maintenance as defined in this permit. (NSR)
16. All rolling averages shall only include values taken when the unit(s) are operating. (Rule 69.3.1, 40 CFR Part 75, NSR)
17. 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, shutdowns, or during approved periods of testing, tuning and maintenance as defined in this permit (NSR)



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: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-004762

PERMIT ID
APCD2008-PTO-976021


18. Emissions of oxides of nitrogen (NOx) 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. (NSR)
19. 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, shutdowns or during approved periods of testing, tuning and maintenance as defined in this permit. (NSR)
20. 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. (NSR)
21. 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)
22. The oxides of nitrogen (NOx) 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. (40 CFR Part 75, 40 CFR Part 60)
23. 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)
24. Except for changes that are specified in the initial approved NOx 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. (NSR, Rule 21)
25. 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 injectionThese 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)
26. 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)



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: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-004762

PERMIT ID
APCD2008-PTO-976021


27. 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 (NOx) 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 (NOx) corrected to 15% oxygen for each continuous rolling 3- hour period in parts per million (PPM)
 - e. Hourly mass emissions of oxides of nitrogen (NOx) in pounds
 - f. Daily mass emissions of oxides of nitrogen (NOx) in pounds
 - g. Monthly mass emissions of oxides of nitrogen (NOx) in pounds
 - h. Annual mass emissions of oxides of nitrogen (NOx), 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)
28. When the CEMS is not recording data and the unit is operating, hourly NOx 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)
29. 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). 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 75)
30. This unit shall be source tested to demonstrate compliance with the NOx, CO, VOC, and Ammonia emission standards of this permit, using District approved methods. The source test and the NOx 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)
31. The source test protocol shall comply with the following requirements:
- a. Measurements of oxides of nitrogen (NOx), carbon monoxide (CO), and stack gas oxygen content (O2%) shall be conducted in accordance with U.S. Environmental Protection Agency (EPA) Method 7E and District Source Test Method 100, or the Air Resources Board (ARB) Test Method 100, as approved by the EPA.
 - b. Measurement of volatile organic compounds (VOCs) emissions shall be conducted in accordance with the San Diego Air Pollution Control District Methods 25A and/or 18.
 - c. Measurements of ammonia emissions shall be conducted in accordance with Bay Area Air Quality Management District (BAAQMD) Test Method ST-IB.
 - d. Source testing shall be performed at or above the normal load level, as specified in 40 CFR Part 75 Appendix A, Section 6.5.2.1 (d), and at no less than 80% of the unit's rated load unless it is demonstrated to the satisfaction of the District that the unit cannot operate under these conditions.
If this demonstration is accepted, then emissions source testing shall be performed at the highest achievable continuous power level. (NSR, Rule 1200)
32. Within 30 days after completion of the renewal source test or RATA, a final test report shall be submitted to the District for review and approval. (NSR, Rule 1200)



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: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-004762

PERMIT ID
APCD2008-PTO-976021


- 33. Any violation of any emission standard as indicated by the CEMS shall be reported to the District within 96 hours after such occurrence. (NSR, Rule 21)
- 34. For the purposes of this permit, approved periods of testing, tuning and maintenance shall include the following:
 - a. Operation for conducting reliability, baseline or other related testing mandated by standards issued by the Federal Energy Regulatory Commission (FERC), or its 3rd party delegates including the North American Reliability Corporation (NERC), Western Electric Coordinating Council (WECC), or other related organizations.
 - b. Operation for tuning, testing or maintaining components of the gas turbine, emission control system(s) or electrical components in order to restore or measure system efficiency or performance.
 - c. Operation for tuning, testing or maintaining components of the gas turbine or emission control system(s) for purposes recommended by the manufacturer of the gas turbine or component(s) or servicing company for ensuring proper and efficient operation of the system.
[Rule 20.2(d)(1)]
- 35. In order to claim that a period of operation meets the requirements for an approved period of testing, tuning and maintenance, the owner or operator must maintain the following records for each period:
 - a. Date(s) and time(s) of operation
 - b. Purpose of operation
 - c. Any applicable test procedure, regulation, or other records to demonstrate the need or purpose for the operation
 - d. Technical justification that steady-state emission standards cannot be met during this operation. Acceptable technical justifications include: need to operate turbine for extended period of time at low load, need to operate turbine in transient modes that exceed the ability of the emission controls to maintain steady state emission levels, tuning of the system or emission controls that involves operation outside the normal acceptable operating ranges for the emission control system, and any other operating scenarios that have been approved by the District.
[Rule 20.2(d)(1)]
- 36. Emissions of nitrogen oxides from the unit exhaust stack shall not exceed 13.4 ppmvd at 15 percent O₂, calculated as a 1 clock hour average pursuant to 69.3.1(g)(7). This limit shall not apply during startups and shutdowns for a period of up to 120 minutes each occurrence. [Rule 69.3.1]
- 37. Emissions of nitrogen oxides from the unit exhaust stack shall not exceed 102 ppmvd at 15 percent O₂, calculated as a 4 hour (unit operating hour) average pursuant to 40 CFR § 60.334(j)(1)(iii)). This limit applies at all times. [40 CFR subpart GG § 60.332(a)(1)]
- 38. Approved periods of testing, tuning and maintenance shall not exceed 48 hours per calendar year for any of these purposes. Any period of operation where the emission controls are in full operation as required by this permit and as shown by DAS/CEMS records shall not be included in determination of these limits. [Rule 20.2(d)(1)]
- 39. 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

- 15. Ammonia emissions from the unit exhaust stack shall not exceed 10 parts per million 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 the first 30 minutes of any startup, last 15 minutes of any shutdown, or during approved periods of testing, tuning and maintenance as defined in this permit. (Rule 1200)
- 40. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 41. 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.) (Air Toxics Hot Spots)



Sectors: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-005183

PERMIT ID
APCD2020-PTO-003552

SDG&E - Cuyamaca Peak Energy Plant
 Senior Environmental Specialist
 8315 Century Park Ct CP21E
 San Diego CA, 92123

EQUIPMENT ADDRESS
 SDG&E Cuyamaca Energy Plant
 Senior Environmental Specialist
 200 N Johnson Ave
 El Cajon CA 92020

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

SDG&E Cuyamaca Energy Environmental Operations 8315 Century Park Ct CP21E, San Diego, CA 92123

EQUIPMENT DESCRIPTION

Emergency/Black-start Natural Gas Engine: Caterpillar Model G3512, S/N CATG3511PE2P00212; Engine Family HCPXB51.8CZL; lean burn controlled; 1114 bhp rated; turbocharged with charge air cooler; driving a 750 kW emergency generator.

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 [34H] California Certified Emergency Standby Engine

BEC: APCD2020-CON-001653

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or Rule 12 or 17CCR93115 as applicable, or for maintenance and testing.
2. This engine shall not be used as a part of a non-emergency Demand Response Program (DRP). This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115.4(a)(65). (Rule 12, or Rule 69.4.1)
3. This internal combustion engine shall not exceed 52 hours of operation per calendar year for non-emergency purposes (testing and maintenance).
4. Gaseous fuel engines shall use only gaseous fuel which contains no more than 10 grains of sulfur compounds, calculated as hydrogen sulfide, per 100 cubic feet of dry gaseous fuel at standard conditions. Gaseous fuels include natural gas, propane, liquefied petroleum gas (LPG), butane. Gasoline engines shall use only California reformulated gasoline. (Rule 62)
5. Visible emissions including crank case smoke shall comply with Air Pollution Control District Rule 50. (Rule 50)



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: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-005183

PERMIT ID
APCD2020-PTO-003552


6. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
7. A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced, the Air Pollution Control District's Compliance Division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
 - (a) old meter's hour reading,
 - (b) replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter, and
 - (c) copy of receipt of new meter or of installation work order.A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request.
(Rule 12, Rule 69.4.1, 40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ)
8. The owner or operator of this engine shall operate and maintain the certified engine and any control device according to the manufacturer's emission-related written instructions. [Rule 69.4.1, 40 CFR 60 subpart JJJJ]
9. The owner or operator of the engine shall maintain the manual of recommended maintenance provided by the manufacturer, or other maintenance procedure as approved in writing by the Air Pollution Control Officer on site for at least the same period of time as the engine is located at the site.
This manual shall be made available to the Air Pollution Control District upon request.
(Rule 12, Rule 69.4.1, 40 CFR 60 Subpart JJJJ, 40 CFR 63 Subpart ZZZZ)
10. The owner or operator of this engine shall conduct periodic maintenance of the engine and add-on control equipment, if any, as recommended by the engine and control equipment manufacturers or as specified by the engine servicing company's maintenance procedures. Maintenance shall be conducted at least once each calendar year, and shall include, but is not limited to, the following:
 - 1) Change oil and filter, or test in accordance with the requirements of 40 CFR §63.6625(i) or (j);
 - 2) Inspect and clean air filters, replacing as necessary;
 - 3) Inspect all hoses and belts, replacing as necessary; and
 - 4) Inspect spark plugs, if equipped, replacing as necessary..Documentation of oil and filter changes or copies of the oil test analysis shall be kept on site and made available upon request. If testing in accordance with 40 CFR §63.6625(i) or (j), the oil analysis program must analyze the Total Base Number, viscosity and percent water content (for compression ignition engines) and the Total Acid Number, viscosity and percent water content (for spark ignited engines). If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.
(Rule 12, Rule 69.4.1, 40 CFR 63 Subpart ZZZZ).
11. The owner or operator of this engine shall maintain a monthly operating log containing, at a minimum, the following:
 - (a) dates and elapsed times of every instance of engine operation based on actual readings of the engine hour meter; whether the operation was for maintenance and testing purposes or emergency use; and the nature of the emergency;
 - (b) for a total external power outage, documentation from the serving utility of an outage in the area where the engine is located; for an internal power outage, a description of what caused the failure and receipts and/or work orders for the necessary repairs; for a partial external power outage, including a low-voltage or electrical transient incident in which the external power voltage is low enough to trigger the operation of an emergency standby engine, a description of the incident;
 - (c) total cumulative hours of operation per calendar year;
 - (d) records of annual engine maintenance shall include the date the maintenance was performed and the nature of the maintenance; and
 - (e) hours of operation for all uses other than those specified above and identification of the nature of that use.(Rule 12, Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ)



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: 4, L
Site ID: APCD2001-SITE-04087
App ID: APCD2017-APP-005183

PERMIT ID
APCD2020-PTO-003552


- 12. All records required by this permit shall be maintained on site and readily available for District inspection for a minimum of 36 months from their date of creation unless otherwise indicated by the conditions of this permit. (Rule 12, Rule 69.4.1, 40 CFR 60 Subpart JJJJ)
- 13. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 14. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 15. 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.)

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 | 11/04/09 | 09/17/10 |
| 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 | 07/25/95 | 03/11/98 |
| 10.1 ^{††} | NSPS & NESHAPS Requirements | D | 11/8/76 | N/A |
| 11 | Exemptions from Rule 10 Permit Requirements | D/F | 09/20/78 | 07/06/82 |
| 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 | 04/06/93 | 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 | F | 04/06/93 | 03/11/98 |
| 19.1 ^{††} | NSPS & NESHAPS 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 | 5/15/96 | 03/09/00 |
| 20 | Standards for Granting Permits | F | 04/25/89 | 10/04/18 |
| 20.1 | NSR - General Provisions | F | 04/27/16 | 10/04/18 |
| 20.2 | NSR - Non-major Stationary Sources | F | 04/27/16 | 10/04/18 |
| 20.3 | NSR - Major Stationary Source and PSD Stationary Source | F | 04/27/16 | 10/04/18 |
| 20.4 | NSR - Portable Emission Units | F | 04/27/16 | 10/04/18 |
| 20.5 | Power Plants | F | 07/05/79 | 04/14/81 |
| 20.6 | Standards for Permit to Operate - Air Quality Analysis | F | 04/27/16 | 10/04/18 |
| 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 | D/F | 01/01/69 [†] | N/A |
| 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 (ERCs) | 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 | 12/7/83 | N/A |
| | REGULATIONS IV - PROHIBITIONS | | | |
| 50 | Visible Emissions | F | 08/13/97 | 12/7/98 |
| 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 | 12/9/98 |
| 52.1†† | NSPS & NESHAPS Particulate Matter Requirements | D | 11/08/76 | N/A |
| 53 | Specific Contaminants | F | 01/22/97 | 12/9/98 |
| 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 | 12/9/98 |
| 54.1 | NSPS & NESHAP Dust and Fumes Requirement | D | 11/08/76 | N/A |
| 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 Landfills | 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 & Storing 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 | Pending |

| | | | | |
|---------|---|-----|-----------|-----------|
| 61.4 | Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks | F | 10/16/90 | 05/13/93 |
| 61.4 | Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks | D/F | 03/26/08 | Pending |
| 61.4.1 | Transfer of Gasoline from Stationary Underground Storage Tanks into Vehicles 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 | 03/11/98 |
| 61.8 | Certification Requirements for Vapor Control Equipment | F | 01/13/87 | 03/11/98 |
| 62 | Sulfur Content of Fuels | 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 | Repealed |
| 66.1 | Miscellaneous Surface Coating Operations and Other Processes Emitting VOCs | D/F | 2/24/10 | 08/09/12 |
| 67.0.1 | Architectural Coatings | F | 06/24/15 | 11/13/15 |
| 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 | 04/09/03 | 11/14/03 |
| 67.4 | Metal Container, Metal Closure and Metal Coil Coating Operations | F | 11/09/11 | 09/20/12 |
| 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 Products Coating Operations | F | 06/27/12 | 04/11/13 |
| 67.12.1 | Polyester Resin Operations | F | 05/11/16 | 04/02/18 |
| 67.15 | Pharmaceutical and Cosmetic Manufacturing Operations | F | 05/15/96 | 03/27/97 |
| 67.16 | Graphic Arts Operations | F | 05/09/12 | 09/20/12 |
| 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 | 05/26/00 |
| 67.20.1 | Motor Vehicle and Mobile Equipment Coating Operations | 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/F | 03/25/09 | Pending |
| 69.2.2 | Medium Boilers, Process Heaters and Steam Generators | D/F | 07/08/20 | Pending |
| 69.3 | Stationary Gas Turbine Engines | F | 09/27/94 | 06/17/97 |
| 69.3 | Stationary Gas Turbine Engines – RACT | D/F | 12/16/98 | Pending |
| 69.3.1 | Stationary Gas Turbine Engines – BARCT | D | 02/24/10 | N/A |
| 69.4 | Stationary Internal Combustion Engines | F | 07/30/03 | 01/04/06 |
| 69.4 | Stationary Internal Combustion Engines – RACT (withdrawal pending EPA approval of 69.4.1) | D/F | 07/30/03 | 2/25/04 (Withdrawal Pending) |
| 69.4.1 | Stationary Internal Combustion Engines - BARCT | D/F | 11/15/00 | Pending |
| 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 |
| | REGULATION V - PROCEDURES BEFORE THE HEARING BOARD | | | |
| 75 | Procedure Before the Hearing Board | D/F | 09/17/85 | Pending |
| 75.1†† | NSPS & NESHAPS Variance Procedures | D | 09/17/85 | 7/30/79 |
| 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 AND EFFECTIVE DATE | | | |
| 140 | Validity | F | 01/01/69† | 09/22/72 |
| 141 | Effective Date | F | 01/01/69† | 09/22/72 |
| | REGULATION VIII - SAN DIEGO AIR POLLUTION EMERGENCY PLAN | | | |
| 126 | Applicability | F | 05/25/77 | 08/31/78 |
| 127 | Episode Criteria Levels | F | 09/17/91 | 03/18/99 |
| 128 | Episode Declaration | F | 09/17/91 | 03/18/99 |
| 129 | Episode Termination | F | 05/25/77 | 08/31/78 |
| 130 | Episode Actions | F | 09/17/91 | 03/18/99 |
| 131 | Stationary Source Curtailment Plan | F | 04/01/81 | 06/21/82 |
| 132 | Traffic Abatement Plan | F | 04/01/81 | 06/21/82 |
| 132 | Traffic Abatement Plan | D/F | 12/17/97 | Pending |
| 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 Waste 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 - TITLE V OPERATING PERMITS | | | | |
|---|--|---|----------|----------|
| 1401 | General Provisions | F | 02/27/04 | 02/27/04 |
| 1410 | Permit Required | F | 02/27/04 | 02/27/04 |
| 1411 | Exemption from Permit to Operate for Insignificant Units | F | 03/07/95 | 11/30/01 |
| 1412 | Federal Acid Rain Program Requirements | F | 01/18/94 | 11/30/01 |
| 1413 | Early Reduction of Hazardous Air Pollutants | F | 03/07/95 | 11/30/01 |
| 1414 | Applications | F | 03/07/95 | 11/30/01 |
| 1415 | Permit Process-Public Notification | F | 02/27/04 | 02/27/04 |
| 1417 | Pendency & Cancellation of Applications | F | 03/07/95 | 11/30/01 |
| 1418 | Action on Applications | F | 02/27/04 | 11/30/01 |
| 1419 | Provisions of Sampling & Testing Facilities & Emission Information | F | 03/07/95 | 11/30/01 |
| 1420 | Standards for Granting Permits | F | 03/07/95 | 11/30/01 |
| 1421 | Permit Conditions | F | 02/27/04 | 02/27/04 |
| 1422 | Denial or Cancellation Of Applications | F | 03/07/95 | 11/30/01 |
| 1423 | Further Information | F | 01/18/94 | 11/30/01 |
| 1424 | Applications Deemed Denied | F | 01/18/94 | 11/30/01 |
| 1425 | Appeals & Judicial Review | F | 02/27/04 | 02/27/04 |
| | APPENDIX A - Insignificant Units | F | 02/27/04 | 11/30/01 |
| REGULATION XV - FEDERAL CONFORMITY | | | | |
| 1501 | Conformity of General Federal Actions | F | 06/22/99 | 04/23/99 |

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(s) | 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 |
| J | Standards of Performance for Petroleum Refineries | Unknown | 11/08/76 |
| L | Standards of Performance for Secondary Lead Smelters | Unknown | 11/08/76 |
| 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 61 | REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS) | | |
| 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 |

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

| Subpart & Citation | RULE TITLE | A/R | Most Recent Adoption Date |
|--|--|------------|----------------------------------|
| DISTRICT RULES AND REGULATIONS APPENDIX A - CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES (ATCM) | | | |
| 17 CCR § 93102 | Hexavalent Chromium ATCM for Chrome Plating & Chromic Acid Anodizing Operations | D/F | 12/7/06 |
| 17 CCR § 93109 | ATCM For Emissions of Perchloroethylene From Dry Cleaning Operations | F | 01/25/07 |
| 17 CCR § 93101.5 | ATCM to Reduce Emissions of Hexavalent Chromium and Nickel from Thermal Spraying | D | 09/30/05 |
| 17 CCR § 93105 | ATCM for Construction, Grading, Quarrying, and Surface Mining Operations | D | 07/26/01 |
| 17 CCR § 93106 | Asbestos ATCM for Surface Applications | D | 07/20/00 |
| 17 CCR § 93107 | ATCM For Emissions of Toxic Metals From Non-Ferrous Metal Melting | D | 01/14/93 |
| 17 CCR § 93111 | ATCM for Emissions of Chlorinated Toxic Air Contaminants from Automotive Maintenance & Repair Activities | D | 04/27/00 |
| 17 CCR § 93112 | ATCM for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Motor Equipment Coatings | D | 09/20/01 |
| 17 CCR § 93113 | ATCM to Reduce Emissions of Toxic Air Contaminants from Outdoor Residential Waste Burning | D | 02/03/03 |
| 17 CCR § 93115 | ATCM for Stationary Compression Ignition Engines | D | 05/19/11 |
| 17 CCR § 93116 | ATCM for Portable Diesel-Fueled Engines | D | 02/19/11 |
| DISTRICT RULES AND REGULATIONS APPENDIX B - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES | | | |
| Part 63 | | | |
| A | General Provisions | F | 05/16/07 |
| N | Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks | F | 04/20/06 |
| O | Ethylene Oxide Sterilization Facilities | F | 12/28/07 |
| R | Gasoline Distribution | F | 01/24/11 |
| T | Halogenated Solvent Cleaning | F | 09/08/00 |
| DD | Off-site Waste & Recovery Operations | F | 07/20/99 |
| GG | Aerospace Manufacturing and Rework Facilities | F | 12/08/00 |
| II | Shipbuilding and Ship Repair (Surface Coating) | F | 12/15/95 |
| JJ | Wood Furniture Manufacturing Operations | F | 12/28/98 |
| VVV | Publicly Owned Treatment Works | F | 10/21/02 |
| AAAA | Municipal Solid Waste Landfills | F | 01/16/03 |
| EEEE | Organic Liquids Distribution (non-gasoline) | F | 07/17/08 |
| MMMM | Surface Coating of Miscellaneous Metal Parts and Products | F | 04/26/04 |
| PPPP | Plastic Parts (surface coating) | F | 04/24/07 |
| SSSS | Surface Coating of Metal Coil | F | 03/17/03 |
| VVVV | Boat Manufacturing | F | 08/22/01 |
| WWWW | Reinforced Plastic Composites Production | F | 8/25/05 |

| | | | |
|---------|--|---|----------|
| 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 |
| HHHHH | Miscellaneous Coating Manufacturing | F | 10/04/06 |
| PPPPP | Engine Test Cells/Stands | 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 | 3/21/11 |
| QQQQQ | Wood Preserving Area Sources | F | 07/16/07 |
| VVVVV | 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 | 7/23/08 |
| AAAAAAA | Asphalt Processing and Asphalt Roofing Manufacturing Area Sources | F | 12/02/09 |
| CCCCCCC | Paint and Allied Products Manufacture Area Sources | F | 12/03/09 |

The following NSPS have been adopted by the District by reference. 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 | DISTRICT RULES AND REGULATIONS APPENDIX C - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES (NSPS) | | | |
| D | Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971 | 10/17/00 01/28/09 | 10/17/01 06/24/09 | 01/03/08 Pending |
| Da | Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978 | 06/11/01 01/28/09 | 10/17/01 06/24/09 | 01/03/08 Pending |
| Db | Standards of Performance for Industrial-Commercial - Institutional Steam Generating Units | 10/01/01 01/28/09 | 04/25/01 06/24/09 | 01/03/08 Pending |
| Dc | Standards of Performance for Small Industrial-Commercial -Institutional Steam Generating Units | 05/08/96 01/28/09 | 08/13/97 06/24/09 | 06/24/98 Pending |
| GG | Standards of Performance for Stationary Gas Turbines | 06/27/89 02/24/06 | 10/17/01 02/25/09 | 01/03/08 Pending |
| K | Standards of Performance for Storage Vessels for Petroleum Liquids Construct After June 11, 1973 and Prior to May 19, 1978 | 10/17/00 | 06/20/07 | 01/03/08 |
| Ka | Standards of Performance for Storage Vessels for Petroleum Liquids Construction after May 18, 1978 | 12/14/00 | 06/20/07 | 01/03/08 |
| Kb | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 | 10/15/03 | 06/20/07 | 01/03/08 |
| AAA | Standards of Performance for New Residential Wood Heaters | 06/12/99 10/17/00 | 04/12/00 N/A | 01/03/08 N/A |
| OOO | Standards of Performance for Nonmetallic Mineral Processing Plants | 06/09/97 10/17/00 | 04/28/99 N/A | 05/28/02 N/A |
| UUU | Standards of Performance for Calciners and Dryers in Mineral Industries | 07/29/93 10/17/00 | 11/17/99 N/A | 05/28/02 N/A |
| VVV | Standards for Polymeric Coating of Supporting Substrates Facilities | 09/11/89 | 05/23/07 | 01/03/08 |
| WWW | Standards of Performance for Municipal Solid Waste Landfills | 04/10/00 | 08/13/97 | 06/24/98 |
| AAAA | Standards of Performance for Small Municipal Waste Combustion Units | 12/06/00 | 06/20/07 | 01/03/08 |
| CCCC | Standards of Performance for Commercial and Industrial Solid Waste Incineration Units | 12/01/00 | 06/20/07 | 01/03/08 |
| EEEE | Standards of Performance for Other Solid Waste Incineration Units | 12/16/05 | 06/20/07 | 01/03/08 |
| KKKK | Standards of Performance for Stationary Combustion Turbines | 07/06/06 | 02/25/09 | 06/01/09 |

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 | Standards of Performance for Stationary Compression Ignition Internal Combustion Engines | 07/11/06 | N/A | N/A |
| JJJ | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines | 01/18/08 | N/A | N/A |

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 |
| CO ₂ | 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 |
| NO _x | Oxides of nitrogen |
| O ₂ | Oxygen |
| OES | Office of Environmental Services |
| O&M | Operation and maintenance |
| Pb | Lead |
| PM | Total Particulate Matter |
| PM ₁₀ | 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 |
| SO _x | 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 |