



August 07, 2020

Mr. Carlos Gaeta
Southern California Gas Company
PO Box 2300 SC9314
Chatsworth CA, 91313

Re: Notice of Final Action - Title V Permit Renewal
Facility Number: S-1792
Project Number: S-1184355

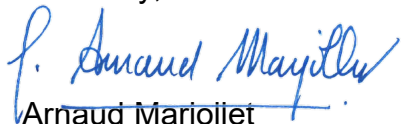
Dear Mr. Gaeta:

The District has issued the Final Renewed Title V Permit for Southern California Gas Company (see enclosure). The preliminary decision for this project was made on 6/1/20.

The public notice for issuance of the Final Title V Permit will be posted on the District's website (www.valleyair.org).

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,



Arnaud Marjoliet
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via EPS

Samir Sheikh
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585



Facility # S-1792
SOUTHERN CALIF GAS CO
PO BOX 2300, M/L SC9314
CHATSWORTH, CA 91313-2300

Notice of Permit Issuance

The enclosed permit unit requirements authorize the operation of the equipment as described. These permit unit requirements supersede any and all previous permits for the specified equipment.* Please insert these documents into the Facility Permit to Operate, and post copies on or near the equipment as required by District Rule 2010.

Please contact any of our Small Business Assistance (SBA) staff at the numbers below if you have any questions:

Modesto:	(209) 557-6446
Fresno:	(559) 230-5888
Bakersfield:	(661) 392-5665

*Failure to comply with the permit unit requirements may result in enforcement action.

Samir Sheikh
Executive Director/Air Pollution Control Officer

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4800 Enterprise Way
Modesto, CA 95356-8718
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Tel: (661) 392-5500 FAX: (661) 392-5585

Permit to Operate

FACILITY: S-1792

EXPIRATION DATE: 10/31/2024

LEGAL OWNER OR OPERATOR:

SOUTHERN CALIF GAS CO

MAILING ADDRESS:

PO BOX 2300, M/L SC9314
CHATSWORTH, CA 91313-2300

FACILITY LOCATION:

WHEELER RIDGE STA., 9530 HWY 166
2 MI WEST OF I5, CA

FACILITY DESCRIPTION:

NATURAL GAS TRANSMISSION

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

Samir Sheikh

Executive Director / APCO

Arnaud Marjollet

Director of Permit Services

San Joaquin Valley

Air Pollution Control District

FACILITY: S-1792-0-2

EXPIRATION DATE: 10/31/2024

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: SOUTHERN CALIF GAS CO

Location: WHEELER RIDGE STA., 9530 HWY 166, 2 MI WEST OF I5, CA

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10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE
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36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. On March 31, 2015, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin March 31 of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: S-1792-5-10

EXPIRATION DATE: 10/31/2024

SECTION: SE 5 **TOWNSHIP:** 11N **RANGE:** 20W

EQUIPMENT DESCRIPTION:

47.65 MMBTU/HR GAS TURBINE ENGINE/COMPRESSOR SET WITH SCR AND OXIDATION CATALYSTS,
ANHYDROUS AMMONIA STORAGE AND INJECTION SYSTEM AND LUBE OIL VENT COALESCER

PERMIT UNIT REQUIREMENTS

1. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080]
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080]
3. While dormant, normal source testing shall not be required. [District Rule 2080]
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080]
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080]
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070]
7. This gas turbine engine shall be fired only on PUC-regulated natural gas. [District Rules 2201 and 4801; and 40 CFR 60.333] Federally Enforceable Through Title V Permit
8. This gas turbine engine shall not burn more than 1.237 MMscf/day of natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
9. This gas turbine engine shall be equipped with a continuously recording fuel gas flowmeter. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The owner or operator shall install, certify, maintain, operate and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NO_x and O₂ concentrations. [District Rules 1080, 2201 and 4703; and 40 CFR 60.334(b)] Federally Enforceable Through Title V Permit
11. This gas turbine engine shall be equipped with a continuously recording process analyzer. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period or shall meet equivalent specifications established by mutual agreement of the District, the ARB and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(2)] Federally Enforceable Through Title V Permit
13. The CEMS shall meet the requirements in 40 CFR 60, Appendix F Procedure 1 and Part 60, Appendix B Performance Specifications 2 and 3, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(1)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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Facility Name: SOUTHERN CALIF GAS CO

Location: WHEELER RIDGE STA., 9530 HWY 166, 2 MI WEST OF I5, CA

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14. The CEMS shall be linked to a data logger which is compatible with the District's Data acquisition system. Upon notice by the District that the facility's CEM system is not providing polling data, the facility may continue to operate without providing automated data for a maximum of 30 days per calendar year provided the CEM data is sent to the District by a District-approved alternative method. [District Rule 1080] Federally Enforceable Through Title V Permit
15. The owner or operator shall maintain CEMS records that contain the following: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance, duration of any periods during which a continuous monitoring system or monitoring device is inoperative, and emission measurements. [District Rule 1080 and 40 CFR 60.7(b)] Federally Enforceable Through Title V Permit
16. The owner or operator shall submit a written report of CEM operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess NOx emissions, nature and the cause of excess (if known), corrective actions taken and preventive measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard; Applicable time and date of each period during which the CEM was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule 1080 and 40 CFR 60.334(j)(1)(iii),(j)(5)] Federally Enforceable Through Title V Permit
17. All gas turbine engine exhaust shall flow through catalyst beds. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Exhaust gas ducting from gas turbine through catalyst systems shall be gas tight. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Inlet gas temperature to catalyst beds shall be maintained within the range recommended by catalyst manufacturers. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Flue gas temperature at SCR catalyst shall be monitored by operational temperature indicator. [District Rule 2201] Federally Enforceable Through Title V Permit
21. If oxidation catalyst system or SCR system is inoperative, gas turbine engine shall be shut down. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Failure of catalyst to perform as required because of catalyst poisoning or fouling, except as the result of unforeseeable breakdown, shall not be recognized as basis for Rule 1100 enforcement exemption. [District Rule 1100] Federally Enforceable Through Title V Permit
23. Gas turbine exhaust ducting shall include provisions for adding additional oxidation and SCR catalyst, if required to achieve emission sampling limits. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Exhaust stack shall be equipped with permanent stack sampling provisions consistent with Rule 1081, EPA reference methods 5 and 8, and OSHA requirements. [District Rule 1081] Federally Enforceable Through Title V Permit
25. Ammonia slip shall not exceed 20 ppmv (three-hour average) and compliance with the ammonia slip limit shall be demonstrated using directly measured parameters. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The three-hour rolling average ammonia slip concentration in ppm shall be calculated by subtracting the certified NOx CEMs measurement (A) from the measurement reported by the continuously recording process analyzer (B) where ammonia slip shall then be calculated as: Ammonia Slip = B - A. [District Rule 2201] Federally Enforceable Through Title V Permit
27. Permittee shall check, record, and quantify the calibration drift (CD) of the continuously recording process analyzer (Process Analyzer) at two concentration values at least once daily (approximately 24 hours). The Process Analyzer's calibration shall be adjusted whenever the daily zero or high-level CD exceeds 5%. If either the zero or high-level CD of the Process Analyzer exceeds 5% for five consecutive daily periods, the Process Analyzer shall be deemed out-of-control. If either the zero or high-level CD exceeds 10% during any CD check, the Process Analyzer shall be deemed out-of-control. If the Process Analyzer is out-of-control, the permittee shall take appropriate corrective action including repair of the Process Analyzer within 96 operating hours and then repeat the CD of the Process Analyzer. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

28. Steady state gas turbine engine operation shall commence after any two consecutive 15 minute periods in which the fuel rate to the turbine does not differ from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
29. Steady state gas turbine engine operation shall cease and transitional state begin if, during any single 15 minute period, the fuel rate differs from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
30. The reference fuel rate is defined as the fuel rate measured during the preceding 15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
31. Gas turbine engine start-up is that period of time not exceeding two hours in duration during which the unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. [District Rule 4703] Federally Enforceable Through Title V Permit
32. Gas turbine engine shutdown is that period of time not exceeding two hours in duration during which the unit is taken from an operational to a non-operational status by allowing it to cool down from its operating temperature to ambient temperature as the fuel supply to the unit is completely turned off. [District Rule 4703] Federally Enforceable Through Title V Permit
33. Visible emissions from the gas turbine lube oil vent coalescer shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
34. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
35. Gas turbine stack PM10 emissions shall not exceed 0.015 lb/MM BTU. [District Rule 2201] Federally Enforceable Through Title V Permit
36. Nitrogen oxide emissions shall not exceed 12 ppmvd at 15% oxygen (three hour average) when turbine is operating in the transitional state, as defined by above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
37. Nitrogen oxide emissions shall not exceed 8 ppmvd at 15% oxygen (three hour average) when turbine is operating in the steady state, as defined above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
38. Gas turbine stack VOC emissions shall not exceed 0.007 lb/MM BTU. [District Rule 2201] Federally Enforceable Through Title V Permit
39. Carbon monoxide emissions shall not exceed 8 ppmv @ 15% O₂. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
40. Source testing to measure the NO_x, CO, and VOC emission limits shall be conducted at least once every twelve months. [District Rules 1081 and 4703] Federally Enforceable Through Title V Permit
41. Compliance with the gas turbine lube oil vent coalescer visible emissions limit shall be evaluated using EPA method 22 at least once every twelve months. [District Rule 2201] Federally Enforceable Through Title V Permit
42. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source testing, and a source test plan must be submitted for approval at least 15 days prior to testing. Source testing shall be witnessed or authorized by District personnel, and source test results must be submitted to the District within 60 days of the test. [District Rule 1081] Federally Enforceable Through Title V Permit
43. Compliance source testing shall be conducted under conditions representative of normal operation. [District Rule 1081] Federally Enforceable Through Title V Permit
44. Source testing to measure the NO_x emission rate (ppmv) shall be conducted using EPA Method 7E, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

45. Source testing to measure the VOC emission rate shall be conducted using EPA Method 18. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
46. Source testing to measure the CO emission rate (ppmv) shall be conducted using EPA Method 10, or ARB Method 100. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
47. Source testing to measure stack gas oxygen shall be conducted using EPA Method 3 or 3A, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit
48. Permittee shall maintain sufficient records to demonstrate that the fuel fired in the turbine is PUC-regulated. [District Rule 2201 and 40 CFR 60.334(h)(3)] Federally Enforceable Through Title V Permit
49. Permittee shall keep accurate records of daily fuel consumption of gas turbine engine and shall make such records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
50. Permittee shall keep records of the date, time and duration of each steady state period and non-steady state period and the quantity of fuel used during each period. [District Rule 4703] Federally Enforceable Through Title V Permit
51. Permittee shall maintain a stationary gas turbine system operating log that includes, on a daily basis, the actual local start-up and stop time, total hours of operation, quantity of fuel used, and duration of all start-up and shutdown periods. [District Rule 4703] Federally Enforceable Through Title V Permit
52. Permittee shall make continuous emissions monitors records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
53. All records shall be maintained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1080 and 4703] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: S-1792-6-9

EXPIRATION DATE: 10/31/2024

SECTION: SE 5 **TOWNSHIP:** 11N **RANGE:** 20W

EQUIPMENT DESCRIPTION:

47.65 MMBTU/HR GAS TURBINE ENGINE/COMPRESSOR SET WITH SCR AND OXIDATION CATALYSTS,
ANHYDROUS AMMONIA STORAGE AND INJECTION SYSTEM AND LUBE OIL VENT COALESCER

PERMIT UNIT REQUIREMENTS

1. This gas turbine engine shall be fired only on PUC-regulated natural gas. [District Rules 2201 and 4801; and 40 CFR 60.333] Federally Enforceable Through Title V Permit
2. This gas turbine engine shall not burn more than 1.237 MMscf/day of natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
3. This gas turbine engine shall be equipped with a continuously recording fuel gas flowmeter. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The owner or operator shall install, certify, maintain, operate and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NO_x and O₂ concentrations. [District Rules 1080, 2201 and 4703; and 40 CFR 60.334(b)] Federally Enforceable Through Title V Permit
5. This gas turbine engine shall be equipped with a continuously recording process analyzer. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period or shall meet equivalent specifications established by mutual agreement of the District, the ARB and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(2)] Federally Enforceable Through Title V Permit
7. The CEMS shall meet the requirements in 40 CFR 60, Appendix F Procedure 1 and Part 60, Appendix B Performance Specifications 2 and 3, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(1)] Federally Enforceable Through Title V Permit
8. The CEMS shall be linked to a data logger which is compatible with the District's Data acquisition system. Upon notice by the District that the facility's CEM system is not providing polling data, the facility may continue to operate without providing automated data for a maximum of 30 days per calendar year provided the CEM data is sent to the District by a District-approved alternative method. [District Rule 1080] Federally Enforceable Through Title V Permit
9. The owner or operator shall maintain CEMS records that contain the following: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance, duration of any periods during which a continuous monitoring system or monitoring device is inoperative, and emission measurements. [District Rule 1080 and 40 CFR 60.7(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: SOUTHERN CALIF GAS CO

Location: WHEELER RIDGE STA., 9530 HWY 166, 2 MI WEST OF I5, CA

S-1792-6-9 : Jul 30 2020 4:11PM -- JONESW

10. The owner or operator shall submit a written report of CEM operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess NOx emissions, nature and the cause of excess (if known), corrective actions taken and preventive measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard; Applicable time and date of each period during which the CEM was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule 1080 and 40 CFR 60.334(j)(1)(iii),(j)(5)] Federally Enforceable Through Title V Permit
11. All gas turbine engine exhaust shall flow through catalyst beds. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Exhaust gas ducting from gas turbine through catalyst systems shall be gas tight. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Inlet gas temperature to catalyst beds shall be maintained within the range recommended by catalyst manufacturers. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Flue gas temperature at SCR catalyst shall be monitored by operational temperature indicator. [District Rule 2201] Federally Enforceable Through Title V Permit
15. If oxidation catalyst system or SCR system is inoperative, gas turbine engine shall be shut down. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Failure of catalyst to perform as required because of catalyst poisoning or fouling, except as the result of unforeseeable breakdown, shall not be recognized as basis for Rule 1100 enforcement exemption. [District Rule 1100] Federally Enforceable Through Title V Permit
17. Gas turbine exhaust ducting shall include provisions for adding additional oxidation and SCR catalyst, if required to achieve emission sampling limits. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Exhaust stack shall be equipped with permanent stack sampling provisions consistent with Rule 1081, EPA reference methods 5 and 8, and OSHA requirements. [District Rule 1081] Federally Enforceable Through Title V Permit
19. Ammonia slip shall not exceed 20 ppmv (three-hour average) and compliance with the ammonia slip limit shall be demonstrated using directly measured parameters. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The three-hour rolling average ammonia slip concentration in ppm shall be calculated by subtracting the certified NOx CEMs measurement (A) from the measurement reported by the continuously recording process analyzer (B) where ammonia slip shall then be calculated as: Ammonia Slip = B - A. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Permittee shall check, record, and quantify the calibration drift (CD) of the continuously recording process analyzer (Process Analyzer) at two concentration values at least once daily (approximately 24 hours). The Process Analyzer's calibration shall be adjusted whenever the daily zero or high-level CD exceeds 5%. If either the zero or high-level CD of the Process Analyzer exceeds 5% for five consecutive daily periods, the Process Analyzer shall be deemed out-of-control. If either the zero or high-level CD exceeds 10% during any CD check, the Process Analyzer shall be deemed out-of-control. If the Process Analyzer is out-of-control, the permittee shall take appropriate corrective action including repair of the Process Analyzer within 96 operating hours and then repeat the CD of the Process Analyzer. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Steady state gas turbine engine operation shall commence after any two consecutive 15 minute periods in which the fuel rate to the turbine does not differ from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
23. Steady state gas turbine engine operation shall cease and transitional state begin if, during any single 15 minute period, the fuel rate differs from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
24. The reference fuel rate is defined as the fuel rate measured during the preceding 15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

25. Gas turbine engine start-up is that period of time not exceeding two hours in duration during which the unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. [District Rule 4703] Federally Enforceable Through Title V Permit
26. Gas turbine engine shutdown is that period of time not exceeding two hours in duration during which the unit is taken from an operational to a non-operational status by allowing it to cool down from its operating temperature to ambient temperature as the fuel supply to the unit is completely turned off. [District Rule 4703] Federally Enforceable Through Title V Permit
27. Visible emissions from the gas turbine lube oil vent coalescer shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
28. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
29. Gas turbine stack PM10 emissions shall not exceed 0.015 lb/MM BTU. [District Rule 2201] Federally Enforceable Through Title V Permit
30. Nitrogen oxide emissions shall not exceed 12 ppmvd at 15% oxygen (three hour average) when turbine is operating in the transitional state, as defined by above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
31. Nitrogen oxide emissions shall not exceed 8 ppmvd at 15% oxygen (three hour average) when turbine is operating in the steady state, as defined above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
32. Gas turbine stack VOC emissions shall not exceed 0.007 lb/MM BTU. [District Rule 2201] Federally Enforceable Through Title V Permit
33. Carbon monoxide emissions shall not exceed 8 ppmv @ 15% O₂. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
34. Source testing to measure the NO_x, CO, and VOC emission limits shall be conducted at least once every twelve months. [District Rules 1081 and 4703] Federally Enforceable Through Title V Permit
35. Compliance with the gas turbine lube oil vent coalescer visible emissions limit shall be evaluated using EPA method 22 at least once every twelve months. [District Rule 2201] Federally Enforceable Through Title V Permit
36. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source testing, and a source test plan must be submitted for approval at least 15 days prior to testing. Source testing shall be witnessed or authorized by District personnel, and source test results must be submitted to the District within 60 days of the test. [District Rule 1081] Federally Enforceable Through Title V Permit
37. Compliance source testing shall be conducted under conditions representative of normal operation. [District Rule 1081] Federally Enforceable Through Title V Permit
38. Source testing to measure the NO_x emission rate (ppmv) shall be conducted using EPA Method 7E, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit
39. Source testing to measure the VOC emission rate shall be conducted using EPA Method 18. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
40. Source testing to measure the CO emission rate (ppmv) shall be conducted using EPA Method 10, or ARB Method 100. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
41. Source testing to measure stack gas oxygen shall be conducted using EPA Method 3 or 3A, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit
42. Permittee shall maintain sufficient records to demonstrate that the fuel fired in the turbine is PUC-regulated. [District Rule 2201 and 40 CFR 60.334(h)(3)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

43. Permittee shall keep accurate records of daily fuel consumption of gas turbine engine and shall make such records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
44. Permittee shall keep records of the date, time and duration of each steady state period and non-steady state period and the quantity of fuel used during each period. [District Rule 4703] Federally Enforceable Through Title V Permit
45. Permittee shall maintain a stationary gas turbine system operating log that includes, on a daily basis, the actual local start-up and stop time, total hours of operation, quantity of fuel used, and duration of all start-up and shutdown periods. [District Rule 4703] Federally Enforceable Through Title V Permit
46. Permittee shall make continuous emissions monitors records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
47. All records shall be maintained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1080 and 4703] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: S-1792-7-9

EXPIRATION DATE: 10/31/2024

SECTION: SE 5 **TOWNSHIP:** 11N **RANGE:** 20W

EQUIPMENT DESCRIPTION:

47.65 MMBTU/HR GAS TURBINE ENGINE/COMPRESSOR SET WITH SCR AND OXIDATION CATALYSTS,
ANHYDROUS AMMONIA STORAGE AND INJECTION SYSTEM AND LUBE OIL VENT COALESCER

PERMIT UNIT REQUIREMENTS

1. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080]
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080]
3. While dormant, normal source testing shall not be required. [District Rule 2080]
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080]
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080]
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070]
7. This gas turbine engine shall be fired only on PUC-regulated natural gas. [District Rules 2201 and 4801; and 40 CFR 60.333] Federally Enforceable Through Title V Permit
8. This gas turbine engine shall not burn more than 1.237 MMscf/day of natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
9. This gas turbine engine shall be equipped with a continuously recording fuel gas flowmeter. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The owner or operator shall install, certify, maintain, operate and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NOx and O2 concentrations. [District Rules 1080, 2201 and 4703; and 40 CFR 60.334(b)] Federally Enforceable Through Title V Permit
11. This gas turbine engine shall be equipped with a continuously recording process analyzer. [District Rules 2201] Federally Enforceable Through Title V Permit
12. The CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period or shall meet equivalent specifications established by mutual agreement of the District, the ARB and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(2)] Federally Enforceable Through Title V Permit
13. The CEMS shall meet the requirements in 40 CFR 60, Appendix F Procedure 1 and Part 60, Appendix B Performance Specifications 2 and 3, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(1)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. The CEMS shall be linked to a data logger which is compatible with the District's Data acquisition system. Upon notice by the District that the facility's CEM system is not providing polling data, the facility may continue to operate without providing automated data for a maximum of 30 days per calendar year provided the CEM data is sent to the District by a District-approved alternative method. [District Rule 1080] Federally Enforceable Through Title V Permit
15. The owner or operator shall maintain CEMS records that contain the following: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance, duration of any periods during which a continuous monitoring system or monitoring device is inoperative, and emission measurements. [District Rule 1080 and 40 CFR 60.7(b)] Federally Enforceable Through Title V Permit
16. The owner or operator shall submit a written report of CEM operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess NOx emissions, nature and the cause of excess (if known), corrective actions taken and preventive measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard; Applicable time and date of each period during which the CEM was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule 1080 and 40 CFR 60.334(j)(1)(iii),(j)(5)] Federally Enforceable Through Title V Permit
17. All gas turbine engine exhaust shall flow through catalyst beds. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Exhaust gas ducting from gas turbine through catalyst systems shall be gas tight. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Inlet gas temperature to catalyst beds shall be maintained within the range recommended by catalyst manufacturers. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Flue gas temperature at SCR catalyst shall be monitored by operational temperature indicator. [District Rule 2201] Federally Enforceable Through Title V Permit
21. If oxidation catalyst system or SCR system is inoperative, gas turbine engine shall be shut down. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Failure of catalyst to perform as required because of catalyst poisoning or fouling, except as the result of unforeseeable breakdown, shall not be recognized as basis for Rule 1100 enforcement exemption. [District Rule 1100] Federally Enforceable Through Title V Permit
23. Gas turbine exhaust ducting shall include provisions for adding additional oxidation and SCR catalyst, if required to achieve emission sampling limits. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Exhaust stack shall be equipped with permanent stack sampling provisions consistent with Rule 1081, EPA reference methods 5 and 8, and OSHA requirements. [District Rule 1081] Federally Enforceable Through Title V Permit
25. Ammonia slip shall not exceed 20 ppmv (three-hour average) and compliance with the ammonia slip limit shall be demonstrated using directly measured parameters. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The three-hour rolling average ammonia slip concentration in ppm shall be calculated by subtracting the certified NOx CEMs measurement (A) from the measurement reported by the continuously recording process analyzer (B) where ammonia slip shall then be calculated as: Ammonia Slip = B - A. [District Rule 2201] Federally Enforceable Through Title V Permit
27. Permittee shall check, record, and quantify the calibration drift (CD) of the continuously recording process analyzer (Process Analyzer) at two concentration values at least once daily (approximately 24 hours). The Process Analyzer's calibration shall be adjusted whenever the daily zero or high-level CD exceeds 5%. If either the zero or high-level CD of the Process Analyzer exceeds 5% for five consecutive daily periods, the Process Analyzer shall be deemed out-of-control. If either the zero or high-level CD exceeds 10% during any CD check, the Process Analyzer shall be deemed out-of-control. If the Process Analyzer is out-of-control, the permittee shall take appropriate corrective action including repair of the Process Analyzer within 96 operating hours and then repeat the CD of the Process Analyzer. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

28. Steady state gas turbine engine operation shall commence after any two consecutive 15 minute periods in which the fuel rate to the turbine does not differ from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
29. Steady state gas turbine engine operation shall cease and transitional state begin if, during any single 15 minute period, the fuel rate differs from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
30. The reference fuel rate is defined as the fuel rate measured during the preceding 15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
31. Gas turbine engine start-up is that period of time not exceeding two hours in duration during which the unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. [District Rule 4703] Federally Enforceable Through Title V Permit
32. Gas turbine engine shutdown is that period of time not exceeding two hours in duration during which the unit is taken from an operational to a non-operational status by allowing it to cool down from its operating temperature to ambient temperature as the fuel supply to the unit is completely turned off. [District Rule 4703] Federally Enforceable Through Title V Permit
33. Visible emissions from the gas turbine lube oil vent coalescer shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
34. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
35. Gas turbine stack PM10 emissions shall not exceed 0.015 lb/MM BTU. [District Rule 2201] Federally Enforceable Through Title V Permit
36. Nitrogen oxide emissions shall not exceed 12 ppmvd at 15% oxygen (three hour average) when turbine is operating in the transitional state, as defined by above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
37. Nitrogen oxide emissions shall not exceed 8 ppmvd at 15% oxygen (three hour average) when turbine is operating in the steady state, as defined above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
38. Gas turbine stack VOC emissions shall not exceed 0.007 lb/MM BTU. [District Rule 2201] Federally Enforceable Through Title V Permit
39. Carbon monoxide emissions shall not exceed 8 ppmv @ 15% O₂. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
40. Source testing to measure the NO_x, CO, and VOC emission limits shall be conducted at least once every twelve months. [District Rules 1081 and 4703] Federally Enforceable Through Title V Permit
41. Compliance with the gas turbine lube oil vent coalescer visible emissions limit shall be evaluated using EPA method 22 at least once every twelve months. [District Rule 2201] Federally Enforceable Through Title V Permit
42. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source testing, and a source test plan must be submitted for approval at least 15 days prior to testing. Source testing shall be witnessed or authorized by District personnel, and source test results must be submitted to the District within 60 days of the test. [District Rule 1081] Federally Enforceable Through Title V Permit
43. Compliance source testing shall be conducted under conditions representative of normal operation. [District Rule 1081] Federally Enforceable Through Title V Permit
44. Source testing to measure the NO_x emission rate (ppmv) shall be conducted using EPA Method 7E, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

45. Source testing to measure the VOC emission rate shall be conducted using EPA Method 18. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
46. Source testing to measure the CO emission rate (ppmv) shall be conducted using EPA Method 10, or ARB Method 100. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
47. Source testing to measure stack gas oxygen shall be conducted using EPA Method 3 or 3A, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit
48. Permittee shall maintain sufficient records to demonstrate that the fuel fired in the turbine is PUC-regulated. [District Rule 2201 and 40 CFR 60.334(h)(3)] Federally Enforceable Through Title V Permit
49. Permittee shall keep accurate records of daily fuel consumption of gas turbine engine and shall make such records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
50. Permittee shall keep records of the date, time and duration of each steady state period and non-steady state period and the quantity of fuel used during each period. [District Rule 4703] Federally Enforceable Through Title V Permit
51. Permittee shall maintain a stationary gas turbine system operating log that includes, on a daily basis, the actual local start-up and stop time, total hours of operation, quantity of fuel used, and duration of all start-up and shutdown periods. [District Rule 4703] Federally Enforceable Through Title V Permit
52. Permittee shall make continuous emissions monitors records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
53. All records shall be maintained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1080 and 4703] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

***San Joaquin Valley
Air Pollution Control District***

PERMIT UNIT: S-1792-9-5

EXPIRATION DATE: 10/31/2024

SECTION: SE 5 **TOWNSHIP:** 11N **RANGE:** 20W

EQUIPMENT DESCRIPTION:

NATURAL GAS ODORANT SKID, INCLUDING: 5500 GAL STORAGE TANK AND TWO ODORANT INJECTION PUMP SKIDS

PERMIT UNIT REQUIREMENTS

1. All fugitive components shall be maintained leak free as defined below. [District Rule 2201] Federally Enforceable Through Title V Permit
2. A leak shall be defined as the dripping at a rate of more than 3 drops per minute of a liquid containing VOC's or a reading in excess of 10,000 ppm measured as methane on a portable hydrocarbon detector. [District Rule 2201] Federally Enforceable Through Title V Permit
3. A portable hydrocarbon detector used to determine leaking components shall be calibrated with methane and used in accordance with EPA Method 21. Readings shall be taken at a distance of one (1) centimeter from the potential source of emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The permittee shall maintain a record of the rolling 12-month summary of actual emissions from permitted operations. This record shall be kept on site and made available to the District upon request. [District Rule 2530, 6.1]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: S-1792-11-3

EXPIRATION DATE: 10/31/2024

SECTION: SE 5 **TOWNSHIP:** 11N **RANGE:** 20W

EQUIPMENT DESCRIPTION:

93 BHP DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The engine shall be equipped with a turbocharger and with an aftercooler or intercooler. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The engine shall be operated with the timing retarded four degrees from the manufacturer's standard recommended timing. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
6. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
7. NOx emissions shall not exceed 7.01 g/hp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The PM10 emissions rate shall not exceed 0.87 g/hp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Volatile organic compound emissions shall not exceed 0.19 g/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Carbon monoxide emissions shall not exceed 12.80 g/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
11. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems". Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702, 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
12. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
13. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

Facility Name: SOUTHERN CALIF GAS CO

Location: WHEELER RIDGE STA., 9530 HWY 166, 2 MI WEST OF I5, CA

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14. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
15. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. 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 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 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. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
16. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
17. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]
18. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: S-1792-12-6

EXPIRATION DATE: 10/31/2024

EQUIPMENT DESCRIPTION:

52.7 MMBTU/HR (HHV) GAS TURBINE ENGINE/COMPRESSOR SET WITH HIGH TEMPERATURE SCR AND OXIDATION CATALYSTS, ANHYDROUS AMMONIA INJECTION SYSTEM AND LUBE OIL VENT COALESCER

PERMIT UNIT REQUIREMENTS

1. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, normal source testing shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
7. This gas turbine engine shall be fired only on PUC-regulated natural gas. [District Rules 2201 and 4801; and 40 CFR 60.333] Federally Enforceable Through Title V Permit
8. This gas turbine engine shall not burn more than 1.237 MMscf/day of natural gas; and shall not burn more than 447.125 MMscf/year of natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
9. This gas turbine engine shall be equipped with a continuously recording fuel gas flowmeter. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The owner or operator shall install, certify, maintain, operate and quality-assure a Continuous Emission Monitoring System (CEMS) which continuously measures and records the exhaust gas NO_x and O₂ concentrations. [District Rules 1080, 2201 and 4703; and 40 CFR 60.334(b)] Federally Enforceable Through Title V Permit
11. This gas turbine engine shall be equipped with a continuously recording process analyzer. [District Rules 2201] Federally Enforceable Through Title V Permit
12. The CEMS shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period or shall meet equivalent specifications established by mutual agreement of the District, the ARB and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(2)] Federally Enforceable Through Title V Permit
13. The CEMS shall meet the requirements in 40 CFR 60, Appendix F Procedure 1 and Part 60, Appendix B Performance Specifications 2 and 3, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rule 1080 and 40 CFR 60.334(b)(1)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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14. The CEMS shall be linked to a data logger which is compatible with the District's Data acquisition system. Upon notice by the District that the facility's CEM system is not providing polling data, the facility may continue to operate without providing automated data for a maximum of 30 days per calendar year provided the CEM data is sent to the District by a District-approved alternative method. [District Rule 1080] Federally Enforceable Through Title V Permit
15. The owner or operator shall maintain CEMS records that contain the following: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance, duration of any periods during which a continuous monitoring system or monitoring device is inoperative, and emission measurements. [District Rule 1080 and 40 CFR 60.7(b)] Federally Enforceable Through Title V Permit
16. The owner or operator shall submit a written report of CEM operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess NOx emissions, nature and the cause of excess (if known), corrective actions taken and preventive measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard; Applicable time and date of each period during which the CEM was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule 1080 and 40 CFR 60.334(j)(1)(iii), (j)(5)] Federally Enforceable Through Title V Permit
17. All gas turbine engine exhaust shall flow through catalyst beds. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Exhaust gas ducting from gas turbine through catalyst systems shall be gas tight. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Inlet gas temperature to catalyst beds shall be maintained within the range recommended by catalyst manufacturers. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Flue gas temperature at SCR catalyst shall be monitored by operational temperature indicator. [District Rule 2201] Federally Enforceable Through Title V Permit
21. If oxidation catalyst system or SCR system is inoperative, gas turbine engine shall be shut down. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Failure of catalyst to perform as required because of catalyst poisoning or fouling, except as the result of unforeseeable breakdown, shall not be recognized as basis for Rule 1100 enforcement exemption. [District Rule 1100] Federally Enforceable Through Title V Permit
23. Gas turbine exhaust ducting shall include provisions for adding additional oxidation and SCR catalyst, if required to achieve emission sampling limits. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Exhaust stack shall be equipped with permanent stack sampling provisions consistent with Rule 1081, EPA reference methods 5 and 8, and OSHA requirements. [District Rule 1081] Federally Enforceable Through Title V Permit
25. Ammonia slip shall not exceed 20 ppmv (three-hour average) and compliance with the ammonia slip limit shall be demonstrated using directly measured parameters. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The three-hour rolling average ammonia slip concentration in ppm shall be calculated by subtracting the certified NOx CEMs measurement (A) from the measurement reported by the continuously recording process analyzer (B) where ammonia slip shall then be calculated as: Ammonia Slip = B - A. [District Rule 2201] Federally Enforceable Through Title V Permit
27. Permittee shall check, record, and quantify the calibration drift (CD) of the continuously recording process analyzer (Process Analyzer) at two concentration values at least once daily (approximately 24 hours). The Process Analyzer's calibration shall be adjusted whenever the daily zero or high-level CD exceeds 5%. If either the zero or high-level CD of the Process Analyzer exceeds 5% for five consecutive daily periods, the Process Analyzer shall be deemed out-of-control. If either the zero or high-level CD exceeds 10% during any CD check, the Process Analyzer shall be deemed out-of-control. If the Process Analyzer is out-of-control, the permittee shall take appropriate corrective action including repair of the Process Analyzer within 96 operating hours and then repeat the CD of the Process Analyzer. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

28. Steady state gas turbine engine operation shall commence after any two consecutive 15 minute periods in which the fuel rate to the turbine does not differ from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
29. Steady state gas turbine engine operation shall cease and transitional state begin if, during any single 15 minute period, the fuel rate differs from the reference fuel rate by more than +/- 3000 scf/15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
30. The reference fuel rate is defined as the fuel rate measured during the preceding 15 minute period. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
31. Gas turbine engine start-up is that period of time not exceeding two hours in duration during which the unit is brought from a shutdown status to its operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. [District Rule 4703] Federally Enforceable Through Title V Permit
32. Gas turbine engine shutdown is that period of time not exceeding two hours in duration during which the unit is taken from an operational to a non-operational status by allowing it to cool down from its operating temperature to ambient temperature as the fuel supply to the unit is completely turned off. [District Rule 4703] Federally Enforceable Through Title V Permit
33. Visible emissions from the gas turbine lube oil vent coalescer shall not exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
34. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
35. Gas turbine stack PM10 emissions shall not exceed 0.015 lb/MM BTU. [District Rule 2201] Federally Enforceable Through Title V Permit
36. Nitrogen oxide emissions shall not exceed 12 ppmvd at 15% oxygen (three hour average) when turbine is operating in the transitional state, as defined by above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
37. Nitrogen oxide emissions shall not exceed 8 ppmvd at 15% oxygen (three hour average) when turbine is operating in the steady state, as defined above. [District Rules 2201 and 4703; and 40 CFR 60.332(a)(2)] Federally Enforceable Through Title V Permit
38. Gas turbine stack VOC emissions shall not exceed 4.3 ppmv at 15% O₂. [District Rule 2201] Federally Enforceable Through Title V Permit
39. Carbon monoxide emissions shall not exceed 8 ppmv @ 15% O₂. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
40. Source testing to measure the NO_x, CO, and VOC emission limits shall be conducted at least once every twelve months. [District Rules 1081 and 4703] Federally Enforceable Through Title V Permit
41. Compliance with the gas turbine lube oil vent coalescer visible emissions limit shall be evaluated using EPA method 22 at least once every twelve months. [District Rule 2201] Federally Enforceable Through Title V Permit
42. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source testing, and a source test plan must be submitted for approval at least 15 days prior to testing. Source testing shall be witnessed or authorized by District personnel, and source test results must be submitted to the District within 60 days of the test. [District Rule 1081] Federally Enforceable Through Title V Permit
43. Compliance source testing shall be conducted under conditions representative of normal operation. [District Rule 1081] Federally Enforceable Through Title V Permit
44. Source testing to measure the NO_x emission rate (ppmv) shall be conducted using EPA Method 7E, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

45. Source testing to measure the VOC emission rate shall be conducted using EPA Method 18. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
46. Source testing to measure the CO emission rate (ppmv) shall be conducted using EPA Method 10, or ARB Method 100. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
47. Source testing to measure stack gas oxygen shall be conducted using EPA Method 3 or 3A, or ARB Method 100. [District Rules 2201 and 4703; and 40 CFR 60.335] Federally Enforceable Through Title V Permit
48. Permittee shall maintain sufficient records to demonstrate that the fuel fired in the turbine is PUC-regulated. [District Rule 2201 and 40 CFR 60.334(h)(3)] Federally Enforceable Through Title V Permit
49. Permittee shall keep accurate records of the daily and annual fuel consumption of gas turbine engine and shall make such records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
50. Permittee shall keep records of the date, time and duration of each steady state period and non-steady state period and the quantity of fuel used during each period. [District Rule 4703] Federally Enforceable Through Title V Permit
51. Permittee shall maintain a stationary gas turbine system operating log that includes, on a daily basis, the actual local start-up and stop time, total hours of operation, quantity of fuel used, and duration of all start-up and shutdown periods. [District Rule 4703] Federally Enforceable Through Title V Permit
52. Permittee shall make continuous emissions monitors records available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
53. All records shall be maintained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1080 and 4703] Federally Enforceable Through Title V Permit

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San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: S-1792-14-2

EXPIRATION DATE: 10/31/2024

SECTION: 5 **TOWNSHIP:** 11N **RANGE:** 20W

EQUIPMENT DESCRIPTION:

760 BHP (INTERMITTENT) CUMMINS MODEL GTA38 RICH-BURN NATURAL GAS-FIRED EMERGENCY STANDBY IC ENGINE WITH NON-SELECTIVE CATALYTIC REDUCTION (NSCR) POWERING AN EMERGENCY ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Emissions from this IC engine shall not exceed any of the following limits: 2.0 g-NOx/bhp-hr, 0.063 g-PM10/bhp-hr, 2.0 g-CO/bhp-hr, or 1.0 g-VOC/bhp-hr. [District Rule 2201 and 40 CFR 60.4233] Federally Enforceable Through Title V Permit
3. This engine shall be operated only for testing and maintenance, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702 and 40 CFR 60.4243] Federally Enforceable Through Title V Permit
4. This IC engine shall be fired on Public Utility Commission (PUC) regulated natural gas only. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
5. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
7. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702] Federally Enforceable Through Title V Permit
8. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
9. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
10. This IC engine shall be equipped with a three-way catalyst and shall be fired on natural gas fuel only. [District Rule 2201] Federally Enforceable Through Title V Permit
11. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer and emissions control system supplier. Records of conducted maintenance shall be kept. [District Rule 4702, 40 CFR 60.4243 and 40 CFR 60.4245] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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Facility Name: SOUTHERN CALIF GAS CO

Location: WHEELER RIDGE STA., 9530 HWY 166, 2 MI WEST OF I5, CA

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12. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
13. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. Permittee shall also maintain documentation from the manufacturer of the engine's certification. [District Rule 4702 and 40 CFR 60.4245] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.