



MAY 10 2011

Thomas Murphy
Kingsburg Cogen Facility
1732 W. Genesee Street
Syracuse, NY 13204-1902

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # C-722
Project # C-1091456**

Dear Mr. Murphy:

The District has issued the Final Title V Permit for Kingsburg Cogen Facility. The preliminary decision for this project was made on March 10, 2011. A summary of the comments and the District's response to each comment is included with the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

Attachments

cc: Derek Fukuda, Permit Services Engineer

Seyed Sadredin

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



MAY 10 2011

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # C-722
Project # C-1091456**

Dear Mr. Rios:

The District has issued the Final Title V Permit Renewal for Kingsburg Cogen Facility. The preliminary decision for this project was made on March 10, 2011. A summary of the comments and the District's response to each comment is included with the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. We appreciate your concurrence with this action. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

Attachments

cc: Derek Fukuda, Permit Services Engineer

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MAY 10 2011

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # C-722
Project # C-1091456**

Dear Mr. Tollstrup:

The District has issued the Final Title V Permit for Kingsburg Cogen Facility. The preliminary decision for this project was made on March 10, 2011. A summary of the comments and the District's response to each comment is included with the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

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Fresno Bee

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT
NOTICE OF FINAL DECISION TO ISSUE
RENEWED FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to issue the renewed Federally Mandated Operating Permit to Kingsburg Cogen Facility for its cogeneration facility located at 11765 Mountain View Road in Kingsburg, California.

The District's analysis of the legal and factual basis for this proposed action, project #C-1091456, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. For additional information regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.

Public Comments / District Response

The comments (from Kingsburg Cogen Facility) regarding the proposed renewed Title V Operating Permits for Kingsburg Cogen Facility (District facility C-722) is encapsulated below followed by the District's response.

Public Comments – Letter from Dennis Salas, Facility Manager, received on March 29, 2011

Public Comment #1:

Condition #44 – This condition established December 1st as the beginning (November 30th as the end) of the annual reporting period and April 30th as the end of the semi annual reporting period. As a result, each annual reporting period will comprise five calendar quarters – three full quarters and two partial quarters. Each semi-annual reporting period will comprise three calendar quarters – one full quarter and two partial quarters. This necessitates doing much of the work required for a Quarterly CEMS Report two extra times per year, to address the partial calendar quarters at the end of the reporting period for which a Quarterly CEMS Report has not yet been prepared. We request that the SJVAPCD switch to a calendar year annual reporting schedule (ending December 31, beginning January 1) to avoid the problems with partial quarter reporting.

Districts Response:

The annual reporting period start date has been revised to January 1st of each year.

Public Comment #2:

40 CFR 98 – USEPA promulgated 40 CFR 98 (Federal GHG Reporting Rule) in October 2009, after Kingsburg had submitted its Title V renewal application. The requirements of 40 CFR 98 is missing from the draft PTO. We request that SJVAPCD include these requirements so that there is no confusion regarding applicability.

Districts Response:

There are no federally applicable Greenhouse Gas (GHG) requirements for this source. It should be noted that the Mandatory Greenhouse Gas Reporting rule (40 CFR Part 98) is not included in the definition of an applicable requirement within Title V (per 40 CFR 71.2).



Permit to Operate

FACILITY: C-722

EXPIRATION DATE: 04/30/2016

LEGAL OWNER OR OPERATOR:

KINGSBURG COGEN FACILITY

MAILING ADDRESS:

PO BOX 217
KINGSBURG, CA 93631

FACILITY LOCATION:

11765 MOUNTAIN VIEW
KINGSBURG, CA 93631

FACILITY DESCRIPTION:

COGENERATION

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.

Seyed Sadredin
Executive Director / APCO

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: C-722-0-2

EXPIRATION DATE: 04/30/2016

FACILITY-WIDE REQUIREMENTS

1. The facility-wide VOC emissions shall not exceed 26.9 tons per year. [District NSR Rule] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. 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
4. 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
5. 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
6. 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
7. 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, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
8. 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
9. 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
10. 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

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: KINGSBURG COGEN FACILITY
Location: 11765 MOUNTAIN VIEW, KINGSBURG, CA 93631
C-722-0-2 : May 4 2011 2:54PM - FUKUDA0

11. 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
12. 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
13. 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
14. 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
15. 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
16. 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
17. 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
18. 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
19. 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
20. 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
21. 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
22. 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
23. 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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. 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
25. 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
26. 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
27. 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
28. 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
29. 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
30. 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
31. 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 Rule 8021 and 8011] Federally Enforceable Through Title V Permit
32. 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 Rule 8031 and 8011] Federally Enforceable Through Title V Permit
33. 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 Rule 8041 and 8011] Federally Enforceable Through Title V Permit
34. 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 Rule 8051 and 8011] Federally Enforceable Through Title V Permit
35. 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 Rule 8061 and Rule 8011] 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.

36. 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 Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
37. 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
38. 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
39. 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
40. 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
41. 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
42. 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
43. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin January 1 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: C-722-1-9

EXPIRATION DATE: 04/30/2016

SECTION: 10 **TOWNSHIP:** 16S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

44 MMBTU/HR NATURAL GAS-FIRED ZURN BROOKS STANDBY BOILER, S/N 100025, WITH LOW-NOX BURNER WITH FLUE GAS RECIRCULATION (FGR) SYSTEM

PERMIT UNIT REQUIREMENTS

1. This boiler shall operate only when the turbine/generator system (C-722-2) is not operating. [District NSR Rule] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
4. The flue gas recirculation system shall be operated whenever the boiler is in use. [District NSR Rule] Federally Enforceable Through Title V Permit
5. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District NSR Rule and District Rules 4305, 5.4, 4306, 5.4, and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
6. Maximum annual heat input of the unit shall not exceed 30 billion Btu per calendar year. [District NSR Rule and District Rules 4305, 5.2 and 4306, 5.1] Federally Enforceable Through Title V Permit
7. Consumption of natural gas shall not exceed 816,000 scf per day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. The unit shall only be fired on PUC-regulated natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Emissions rates from the natural gas-fired unit shall not exceed any of the following limits: 30 ppmv NO_x @ 3% O₂ or 0.036 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.010 lb-PM₁₀/MMBtu, 200 ppmv CO @ 3% O₂ or 0.1456 lb-CO/MMBtu, or 0.004 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 5.1, 5.2, and 5.3 and 4306, 5.1] Federally Enforceable Through Title V Permit
10. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 5.4, 4306, 5.4, and 2520, 9.3] 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.

11. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 5.4, 4306, 5.4, and 2520, 9.3] Federally Enforceable Through Title V Permit
12. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 5.5, 4306, 5.5, and 2520, 9.3] Federally Enforceable Through Title V Permit
13. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 5.4, 4306, 5.4, and 2520, 9.4] Federally Enforceable Through Title V Permit
14. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 5.5 and 4306, 5.5] Federally Enforceable Through Title V Permit
15. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305, 6.3 and 4306, 6.3] Federally Enforceable Through Title V Permit
16. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 5.5 and 4306, 5.5] Federally Enforceable Through Title V Permit
17. 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 test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
18. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 6.2 and 4306, 6.2] Federally Enforceable Through Title V Permit
19. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 6.2 and 4306, 6.2] Federally Enforceable Through Title V Permit
20. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 6.2 and 4306, 6.2] Federally Enforceable Through Title V Permit
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 5.5 and 4306, 5.5] 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.

22. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rules 1081 and 2520, 9.5] Federally Enforceable Through Title V Permit
23. Copies of all gas purchase contracts, supplier certifications, and test results to determine compliance with the conditions of this permit shall be maintained. The operator shall record daily amount and type(s) of fuel(s) combusted, fuel sources, and all dates on which unit is fired on any noncertified fuel and record specific type of noncertified fuel used. [District Rule 2520, 9.4.2 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
24. Records of monthly and annual heat input of the unit shall be maintained. [District NSR Rule and District Rules 4305, 6.1, 4306, 6.1, and 2520, 9.4] Federally Enforceable Through Title V Permit
25. 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 Rules 1070, 4305, 6.1, 4306, 6.1, and 2520, 9.4] Federally Enforceable Through Title V Permit
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4305, Sec. 4.2, 5.1.1, 5.1.2,, 5.4, 6.1.1, 6.2 (excepting 6.2.3), 6.3, 8.1 and Rule 4351 Sec 4.2, 5.2.2.1, 5.2.2.2, 6.1.1, 6.2 (excepting 6.2.3), 8.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
30. The requirements of 40 CFR 72.6(b) are not applicable because this is not an affected unit under the acid rain provisions. The requirements of 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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: C-722-2-12

EXPIRATION DATE: 04/30/2016

SECTION: 10 **TOWNSHIP:** 16S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

34.5 MW COGENERATION FACILITY WITH GENERAL ELECTRIC MODEL LM-2500 NATURAL GAS-FIRED TURBINE ENGINE POWERING AN ELECTRICAL GENERATOR, WITH SELECTIVE CATALYTIC REDUCTION AND A HEAT RECOVERY STEAM GENERATOR UNIT

PERMIT UNIT REQUIREMENTS

1. Permit units C-722-2 and C-722-1 shall not operate simultaneously. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The gas turbine shall incorporate a 200 hp electric motor as starter engine, a fuel control module to regulate the fuel rate based on exhaust temperature and fuel output, and a steam injection system with metering and recording devices. [District NSR Rule] Federally Enforceable Through Title V Permit
3. This unit shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [District NSR Rule, 40 CFR 60.333(b) and 60.334; County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus County)] Federally Enforceable Through Title V Permit
4. Natural gas fuel consumption rate shall not exceed 6,480 MMBtu per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Permittee shall maintain on file copies of natural gas bills. [District Rules 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
7. Except during start-up and shutdown, emission rates from the gas turbine/HRSG unit shall not exceed any of the following: 5.0 ppmvd NO_x @ 15% O₂ (based on a 3-hour rolling average with at least one sample point per 15-minute interval), 0.0029 lb-SO_x/MMBtu, 0.006 lb-PM₁₀/MMBtu, 34 ppmv CO @ 15% O₂, 0.023 lb-VOC/MMBtu, or 15 ppmv-ammonia @ 15% O₂. [40 CFR 60.332, 60.333, and 60.334, District NSR Rule; District Rule 4703, 5.1 and 5.2; and District Rule 4102] Federally Enforceable Through Title V Permit
8. During start-up and shutdown, emission rates from the gas turbine/HRSG unit shall not exceed any of the following: 0.0029 lb-SO_x/MMBtu, 0.006 lb-PM₁₀/MMBtu, 0.023 lb-VOC/MMBtu. [District NSR Rule; and District Rule 4703, 5.1 and 5.2; and District Rule 4102] Federally Enforceable Through Title V Permit
9. Daily emissions from the gas turbine/HRSG unit shall not exceed any of the following (including thermal stabilization periods): 119.2 lb-NO_x/day, 18.8 lb-SO_x/day, 38.9 lb-PM₁₀/day, 493.8 lb-CO/day, or 149.0 lb-VOC/day. [District NSR Rule] Federally Enforceable Through Title V Permit
10. The ammonia concentration shall not exceed 15 ppmv at 15% O₂. The ammonia concentration limits shall not apply during startup, which is not to exceed four hours, or shutdown, which is not to exceed two hours. [District Rule 4102]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

11. Compliance with the ammonia emission limits shall be demonstrated utilizing one of the following procedures: 1) calculate the daily ammonia emissions using the following equation: $(\text{ppmvd @ 15\% O}_2) = ((a - (b \times c / 1,000,000)) \times (1,000,000 / b)) \times d$, where a = ammonia injection rate (lb/hr) / (17 lb/lb mol), b = dry exhaust flow rate (lb/hr) / (29 lb/lb mol), c = change in measured NO_x concentration ppmvd across the catalyst corrected to 15% O₂ after performing (inlet - outlet) subtraction, and d = correction factor. The correction factor shall be derived annually during compliance testing by comparing the measured and calculated ammonia slip; 2.) Utilize another District-approved calculation method using measured surrogate parameters to determine the daily ammonia emissions in ppmvd @ 15% O₂. If this option is chosen, the permittee shall submit a detailed calculation protocol for District approval at least 60 days prior to commencement of operation; 3.) Alternatively, the permittee may utilize a continuous in-stack ammonia monitor to verify compliance with the ammonia emissions limit. If this option is chosen, the permittee shall submit a monitoring plan for District approval at least 60 days prior to commencement of operation. [District Rule 4102]
12. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [40 CFR 60.333(a); County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
13. Reduced Load Period shall be defined as the time during which a gas turbine is operated at less than rated capacity in order to change the exhaust gas diverter gate not exceeding one hour. [District Rule 4703, 3.19] Federally Enforceable Through Title V Permit
14. Start-up is defined as the period of time during which a 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. Shut down is defined as the period of time during which a 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. The duration of each start-up or each shutdown shall not exceed two hours. [District Rule 4703, 5.3] Federally Enforceable Through Title V Permit
15. Permittee shall install, operate, and maintain in calibration a system that continuously measures and records the exhaust gas NO_x and O₂ concentrations. The NO_x and O₂ continuous emissions monitoring systems shall meet EPA requirements as specified in 40 CFR Part 60 or other systems that are acceptable to the EPA. [40 CFR 60.334(b), District Rules 2520, 9.3.2, 4102, and 4703, 6.2.1 and 6.2.3] Federally Enforceable Through Title V Permit
16. The Continuous Emissions Monitoring equipment must be linked to a data logger which is compatible with the District's Data Acquisition System. [District Rules 1080 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. All CEM systems and monitoring devices shall be installed and operational prior to conducting performance tests. Verification of operational status shall, as a minimum, include completion of the manufacturer's written requirements or recommendations for installation, operation, and calibration of the device. [District Rule 2520, 9.3.2 and 40 CFR 60.13(b)] Federally Enforceable Through Title V Permit
18. Emissions concentrations measured for compliance shall be averaged over a three hour period, using consecutive 15-minute sampling periods in accordance with the applicable test method, or, for continuous emission monitoring data, all applicable requirements of 40 CFR 60. [40 CFR 60.13 and District Rule 4703, 5.1, 6.4] Federally Enforceable Through Title V Permit
19. CEM cycling times shall be those specified in 40 CFR, Part 51, Appendix P, Sections 3.4, 3.4.1 and 3.4.2, or shall meet equivalent specifications established by mutual agreement of the District, the ARB and the EPA. [District Rules 1080, 6.4 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
20. All CEM systems shall meet the performance specification requirements (including thermal stabilization periods) in 40 CFR 60, Appendix F, 40 CFR 51, Appendix P, and Part 60, Appendix B, or shall meet equivalent specifications established by mutual agreement of the District, the ARB, and the EPA. [District Rules 1080, 6.5, 6.6 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. The owner or operator shall, upon written notice from the APCO, provide a summary of the data obtained from the CEM systems. This summary of data shall be in the form and the manner prescribed by the APCO. [District Rules 1080, 7.1 and 2520, 9.5.2] 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.

22. Results of CEM systems shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rules 1080, 7.2 and 2520, 9.3.2 and 60.13(h)] Federally Enforceable Through Title V Permit
23. Permittee shall comply with the applicable requirements for quality assurance testing and maintenance of the CEM system in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix F. [District Rules 2520, 9.3.2 and 4703, 6.2.3] Federally Enforceable Through Title V Permit
24. Permittee shall submit a written report 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: 1) time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; 2) 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; 3) applicable time and date of each period during which the CEM was inoperative (except for zero and span checks) and the nature of system repairs and adjustments; and 5) a negative declaration when no excess emissions occurred. [40 CFR 60.7(c) and 60.334 and District Rules 1080, 8.0 and 2520, 9.5.2] Federally Enforceable Through Title V Permit
25. A violation of the NOx emission standard during a three hour averaging period indicated by the CEM system shall be reported to the APCO within 96 hours. [District Rules 1080, 9.0 and 2520, 9.5.2] Federally Enforceable Through Title V Permit
26. APCO or an authorized representative shall be allowed to inspect, as he or she determines to be necessary, the monitoring devices required by this rule to ensure that such devices are functioning properly. [District Rule 1080, 11.0] Federally Enforceable Through Title V Permit
27. The owner or operator shall be required to conform to the compliance testing and sampling procedures described in District Rule 1081 (as amended 12/16/93). [District Rule 1081] Federally Enforceable Through Title V Permit
28. Any gas turbine with an intermittently operated auxiliary burner shall demonstrate compliance with the auxiliary burner both on and off. [40 CFR 60.335, and District Rule 4703, 6.3.3] Federally Enforceable Through Title V Permit
29. The HHV and LHV of the fuel combusted shall be determined using ASTM D3588, ASTM 1826, or ASTM 1945. [District Rule 4703, 6.4.5] Federally Enforceable Through Title V Permit
30. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
31. The owner or operator shall provide source test information annually regarding the exhaust gas NOx and CO concentration corrected to 15% O2 (dry). EPA Methods 7E or 20 shall be used for NOx emissions. EPA Methods 10 or 10B shall be used for CO emissions. EPA Methods 3, 3A, or 20 shall be used for Oxygen content of the exhaust gas. [40 CFR 60.8(a), 40 CFR 60.335, and District Rule 4703, 5.1, 6.3.1, 6.4.1, 6.4.2, and 6.4.3] Federally Enforceable Through Title V Permit
32. Source testing to measure ammonia shall be conducted using test method BAAQMD ST-1B. [District Rule 4102]
33. Source testing to measure the VOC emission rates (lb/hr and ppmvd @ 15% O2) shall be conducted every twelve months. [District Rule 1081] Federally Enforceable Through Title V Permit
34. Source testing to measure the PM10 emission rate (lb/MMBtu) and the ammonia emission rate (ppmv @ 15% O2) shall be conducted once every twelve months. [District Rule 1081] Federally Enforceable Through Title V Permit
35. Source testing to measure volatile organic compounds (VOC) shall be conducted using EPA Method 18 or 25. [District Rule 1081] Federally Enforceable Through Title V Permit
36. The owner or operator of a stationary gas turbine system shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rules 2520, 9.4.2 and 4703, 6.2.4] Federally Enforceable Through Title V Permit
37. The permittee shall maintain records of the daily calculated ammonia slip measurements. [District Rule 4102]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

38. Permittee shall maintain records of the following: 1) the occurrence and duration of any start-up, shutdown, or malfunction in the operation of the permit unit; 2) performance testing, evaluations, calibrations, checks, adjustments, and maintenance of CEMS; and 3) emission measurements. [District Rules 1080, 7.3, 2520, 9.4.2, 4703, 6.2.8, and 40 CFR 60.7(b)] Federally Enforceable Through Title V Permit
39. The owner or operator shall maintain a stationary gas turbine operating log that includes, on a daily basis, the actual local start-up and stop time, length and reason for reduced load periods, total hours of operation, and quantity and heat input of fuel used. [District Rules 2520, 9.4.2, 4703, 6.2.6] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus) as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.332(a), (a)(1), (a)(2) and (b), 60.333 (a) and (b); 60.334(a), (g), (h), (i), and (j), and 60.335 (b), and (c). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.7(b), 60.8, 60.8(d), 60.13, and 60.13(b); District Rules 1080 (as amended 12/17/92), Sections 6.3, 6.4, 6.5, 7.0, 7.1, 7.2, 7.3, 8.0, 9.0, 10.0, and 11.0; and 1081 (as amended 12/16/93) as of the date of permit issuance. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: 40 CFR 60.42b, 43b, 44b, 46b, 48b, and 49b. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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: C-722-4-1

EXPIRATION DATE: 04/30/2016

SECTION: 10 **TOWNSHIP:** 16S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

20,000 GALLON SELECTIVE CATALYTIC REDUCTION SYSTEM WITH AN AMMONIA STORAGE TANK, METERING, INJECTION, AND RECORDING DEVICES

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. Ammonia slip shall be monitored in the exhaust by use of a continuous monitoring system. [District Rule 1080]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-722-5-3

EXPIRATION DATE: 04/30/2016

SECTION: 10 **TOWNSHIP:** 16S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

ONE 15,200 GPM, MODEL TD3024-2-2024CF COOLING TOWER USED TO CONDENSE EXCESS STEAM FOR THE COGENERATION OPERATION

PERMIT UNIT REQUIREMENTS

1. No compound containing hexavalent chromium shall be added to the cooling tower. [District Rule 7012]
2. Owner/operator shall operate and maintain a Data Acquisition System (DAS) for the necessary information to calculate the VOC emissions as required by the approved Monitoring Plan. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
3. DAS shall include records of the temperature of incoming circulating water in the cooling tower on a continuous basis, averaged on an hourly basis. [District Rules 2201 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
4. DAS shall record the operating schedule and speed of the cooling tower fan (full-speed, half-speed) on an hourly basis. [District Rules 2201 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Owner/operator shall perform weekly sampling of the cooling tower blowdown water for laboratory analysis of ethanol concentration. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Owner/operator shall maintain in good working order a flow meter that measures the total flow of raisin rinse water received from Sun-Maid facility, and flow monitoring device that measures the amount of water flowing from raw water storage to this cooling tower operation. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All records shall be maintained, retained for at least five years, and made available for District inspection upon request. [District Rules 2201, 2520, 9.3.2 and 1070] Federally Enforceable Through Title V Permit
8. A report shall be submitted to the District within 30 days of the end of each calendar quarter. The report shall include average daily VOC (ethanol) emissions from the cooling tower (C-722-5), gas turbine (C-722-2), and total facility for the previous calendar quarter. The report shall also summarize total facility VOC emissions for the four calendar quarters immediately prior to the report. [District Rules 2201, 2520, 9.5.2 and 1070] Federally Enforceable Through Title V Permit
9. VOC emissions from the cooling tower operation shall not exceed 609 pounds per day averaged over a calendar quarter. [District Rule 2201] 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: C-722-6-2

EXPIRATION DATE: 04/30/2016

EQUIPMENT DESCRIPTION:

300,000 GALLON STEAM-HEATED FIXED ROOF RAISIN RINSEWATER STORAGE TANK (PWT #2)

PERMIT UNIT REQUIREMENTS

1. All equipment shall be operated and maintained as recommended by the equipment manufacturer(s). [District NSR Rule] Federally Enforceable Through Title V Permit
2. The combined quantity of raisin rinse water delivered to tanks PWT #2 and PWT #3 (C-722-6 and C-722-7) shall not exceed 1,084,000 gallons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The combined quantity of raisin rinse water delivered to tanks PWT #2 and PWT #3 (C-722-6 and C-722-7) shall not exceed 100,000,000 gallons in any one year. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The ethanol concentration of the raisin rinsewater shall not exceed 1000 mg/L. [District NSR Rule and 4623] Federally Enforceable Through Title V Permit
5. The ethanol concentration of the raisin rinsewater for this unit shall be verified by measuring the ethanol concentration of the condensate stored in the condensate tank (C-722-9). [District NSR Rule] Federally Enforceable Through Title V Permit
6. Emissions from this storage tank shall not exceed either of the following limits: 0.4 lb-VOC/day or 45 lb-VOC/year. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Permittee shall keep a record of the combined daily and cumulative annual quantity of raisin rinse water delivered tanks PWT #2 and PWT #3 (C-722-6 and C-722-7). [District NSR Rule] Federally Enforceable Through Title V Permit
8. Permittee shall keep a record of cumulative annual facility-wide VOC emissions. This record shall be updated at least on a monthly basis. [District NSR Rule] Federally Enforceable Through Title V Permit
9. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District Inspection upon request. [District NSR Rule] 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: C-722-7-2

EXPIRATION DATE: 04/30/2016

EQUIPMENT DESCRIPTION:

300,000 GALLON STEAM-HEATED FIXED ROOF RAISIN RINSEWATER STORAGE TANK (PWT#3)

PERMIT UNIT REQUIREMENTS

1. All equipment shall be operated and maintained as recommended by the equipment manufacturer(s). [District NSR Rule] Federally Enforceable Through Title V Permit
2. The combined quantity of raisin rinse water delivered to tanks PWT #2 and PWT #3 (C-722-6 and C-722-7) shall not exceed 1,084,000 gallons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The combined quantity of raisin rinse water delivered to tanks PWT #2 and PWT #3 (C-722-6 and C-722-7) shall not exceed 100,000,000 gallons in any one year. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The ethanol concentration of the raisin rinsewater shall not exceed 1000 mg/L. [District NSR Rule and 4623] Federally Enforceable Through Title V Permit
5. The ethanol concentration of the raisin rinsewater for this unit shall be verified by measuring the ethanol concentration of the condensate stored in the condensate tank (C-722-9). [District NSR Rule] Federally Enforceable Through Title V Permit
6. Emissions from this storage tank shall not exceed either of the following limits: 0.4 lb-VOC/day or 45 lb-VOC/year. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Permittee shall keep a record of the combined daily and cumulative annual quantity of raisin rinse water delivered tanks PWT #2 and PWT #3 (C-722-6 and C-722-7). [District NSR Rule] Federally Enforceable Through Title V Permit
8. Permittee shall keep a record of cumulative annual facility-wide VOC emissions. This record shall be updated at least on a monthly basis. [District NSR Rule] Federally Enforceable Through Title V Permit
9. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District Inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-722-8-2

EXPIRATION DATE: 04/30/2016

EQUIPMENT DESCRIPTION:

FRUCTOSE RECLAMATION SYSTEM CONSISTING OF A 5-EFFECT EVAPORATOR, A CONDENSER, AND A PERMIT EXEMPT 25,000 GALLON CONCENTRATE STORAGE TANK (CST, STORES CLEAN PRODUCED WATER)

PERMIT UNIT REQUIREMENTS

1. All equipment shall be operated and maintained as recommended by the equipment manufacturer(s). [District NSR Rule] Federally Enforceable Through Title V Permit
2. VOC emissions from the condenser process vent shall not exceed 8.5 E-6 lb/cubic foot of exhaust. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The condenser process vent's exhaust flow rate shall not exceed 700 CFM. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Permittee shall keep a record of the daily VOC emissions from the process vent. The following calculation shall be used to determine daily emissions: $\text{Daily VOC emissions} = \text{Time Operated (Minutes)} \times 700 \text{ CFM} \times 8.5 \text{ E-6 lb/cubic foot of exhaust}$. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Permittee shall keep a record of cumulative annual facility-wide VOC emissions. This record shall be updated at least on a monthly basis. [District NSR Rule] Federally Enforceable Through Title V Permit
6. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and NSR Rule] 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: C-722-9-2

EXPIRATION DATE: 04/30/2016

EQUIPMENT DESCRIPTION:

300,000 GALLON FIXED ROOF CONDENSATE STORAGE TANK (PWT #1) AND A PERMIT EXEMPT 300,000 GALLON WELLWATER STORAGE TANK (STORES CLEAN PRODUCED WATER)

PERMIT UNIT REQUIREMENTS

1. All equipment shall be operated and maintained as recommended by the equipment manufacturer(s). [District NSR Rule] Federally Enforceable Through Title V Permit
2. The quantity of condensate delivered to this tank shall not exceed 1,084,000 gallons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The quantity of condensate delivered to this tank shall not exceed 100,000,000 gallons in any one year. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The ethanol concentration of the condensate shall not exceed 1000 mg/L. [District Rule 4623] Federally Enforceable Through Title V Permit
5. Permittee shall perform monthly sampling of the condensate for laboratory analysis to determine the ethanol concentration. If six consecutive monthly samples demonstrate that the ethanol concentration is less than 900 mg/L, then the monitoring frequency shall be reduced to quarterly. If an exceedance from the 1000 mg/L limit is observed in a quarterly sample, monitoring shall revert to monthly sampling until six consecutive samples demonstrate that the ethanol content is less than 900 mg/L. [District NSR Rule] Federally Enforceable Through Title V Permit
6. EPA Method 8015 shall be used to determine the ethanol concentration of the condensate. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Permittee shall keep a record of the results of the laboratory analysis of the condensate. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Permittee shall keep a record of cumulative annual facility-wide VOC emissions. This record shall be updated at least on a monthly basis. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Permittee shall keep a record of the results of sampling of the condensate. [District NSR Rule] Federally Enforceable Through Title V Permit
10. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District Inspection upon request. [District NSR Rule] 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

COMPLIANCE ASSISTANCE BULLETIN

TITLE V REPORTING REQUIREMENTS

Title V Permit holders are required to submit three types of reports. The first is the **Deviation Report**. All Title V facilities are required to promptly report any deviations from permit requirements to the District. Reports are to be submitted within 10 days of discovery and must include a description of the permit requirement deviation, the probable cause, and any corrective action or preventive measures taken. Send this report to the local Compliance Division office.

The second is the **Report of Required Monitoring** required every six months. This report must clearly define all instances of deviations from permit monitoring requirements. *This report is to be submitted to the District every 6 months. The initial permit issuance date is designated as the beginning of the reporting period, unless other arrangements are made with the District.*

The third is the **Compliance Certification**. This document certifies compliance with the terms and standards contained in TITLE V permits including emission limits, standards and work practices. The certification shall include the identification of each federally enforceable permit condition and its compliance status. The certification shall also report 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. *The Compliance Certification is to be submitted annually to the District, and a copy is to be submitted to EPA. The initial permit issuance date is designated as the beginning of the reporting period, unless other arrangements are made with the District.*

District Rule 2520 requires that any report or document submitted, pursuant to a Title V permit, shall contain a certification that the document is true, accurate, and complete signed by a designated, responsible official. Please use the attached reporting forms designed for your use. Computer versions are also available on the District web-site (valleyair.org). If you have any questions, please contact Tanya Good - Air Quality Assistant at (559) 230-5978.

Please send the semi-annual
Report of Required Monitoring
and the annual **Compliance**
Certification to:

Tanya Good
San Joaquin Valley Air Pollution Control District
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244

A copy of the annual **Compliance**
Certification should also be sent to:

U.S. EPA Region IX
Air - 3
75 Hawthorne Street
San Francisco, CA 94105

TITLE V REPORTING REQUIREMENTS

As a Title V permit holder you have three requirements the District will monitor through reports submitted by your facility. They are:

Deviation Report Form:

This self-reporting violation form is to be used to notify the District in the event you deviate from any permit condition. The Deviation Report Form is to be sent to the **Regional Office** where the facility is located for the facility inspector's immediate review.

Report of Required Monitoring (TV Form-007):

The semi-annual report covers operations for a six-month period beginning the date the Title V Permit was issued. The report is due the **last day of the month** following the end of the reporting period unless other arrangements are made with the District. The report must be submitted every six months and indicate any violation of the **monitoring requirements** in your Title V permits.

Conditions with monitoring requirements are those that state, "You will keep records of"; "you will monitor"; or when the condition has an "if-then" clause. Facilities are encouraged to become familiar with each and every permit number and the conditions that have monitoring requirements. If there are deviations to report for the period, each and every column must be completed for the permit and condition involved. If there are no deviations to report for the reporting period, then simply state "NONE" in column 4.

Submit the completed report to the District along with the Report of Required Monitoring Certification cover page. This Certification is to be signed by a responsible official indicating the information contained in the report has been reviewed.

Compliance Certification Forms (TV-006):

The annual report covers operations for a twelve month period. The **report must address each and every** permit number and condition number that has the "Federally Enforceable" clause. Each and every column will be completed with column 5 used for explanations of any deviations listed or any pertinent information regarding the permit or condition. The report is due the **last day of the month** following the end of the reporting period unless other arrangements are made with the District.

Submit the completed report to the District along with the Compliance Certification cover page. This Certification is to be signed by a responsible official indicating the information contained in the report has been reviewed.

The **Report of Required Monitoring** and the **Compliance Certification** are to be mailed to the **Central Region office:**

(DO NOT MAIL COPIES TO THE REGIONAL OFFICES)

Tanya Good
San Joaquin Valley Unified Air Pollution Control District
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244

Only a copy of the **Compliance Certification** cover page, and the **Compliance Certification Forms** must also be mailed to:

(Do Not Mail the Report of Required Monitoring to EPA)

U.S. EPA Region IX
Air - 3
75 Hawthorne Street
San Francisco, CA 94105

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

TITLE V - DEVIATION REPORTING FORM

Company Name:	Facility ID: -
Reporting Period: from	through

CERTIFICATION:

I declare, under penalty of perjury under the laws of the state of California, that, based on information and belief formed after reasonable inquiry, all information provided in this reporting package is true, accurate, and addresses all deviations during the reporting period:

Signature of Responsible Official

Date

Name of Responsible Official (please print)

Title of Responsible Official (please print)

Mail to: District Regional Office where facility is located

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

TITLE V - DEVIATION REPORTING FORM

Use this form to report deviations from permit requirements, including those attributable to upset conditions, as defined in the permit. After completing this form, return it to the Compliance Division at your Regional District office.

Company Name:	Facility ID: -
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DEVIATION INFORMATION

1.	Permit Unit and Condition #:
2.	Description of permit condition:
3.	Date, time and duration of deviation:
4.	Description of deviation: (include excess emissions if applicable)
5.	Date and time when deviation was discovered:
6.	Probable cause of deviation:
7.	Comments/corrective action taken:

Signed: _____ Date: _____

Title: _____ Phone: _____

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

TITLE V – REPORT OF REQUIRED MONITORING

Company Name:	Facility ID: -
Reporting Period: from	through

CERTIFICATION:

I declare, under penalty of perjury under the laws of the state of California, that, based on information and belief formed after reasonable inquiry, all information provided in this reporting package is true, accurate, and addresses all deviations during the reporting period:

Signature of Responsible Official

Date

Name of Responsible Official (please print)

Title of Responsible Official (please print)

Mail to: District Central Regional Office

San Joaquin Valley Unified Air Pollution Control District

Title V - REPORT OF REQUIRED MONITORING – DEVIATION FORM

In numerical order list all permitted units that are subject to an applicable monitoring requirement for which a deviation occurred during the reporting period. List monitoring requirements for a permit, each in a separate box, before moving on to the next permit number. Refer to the attached instructions.

Company Name:						Facility ID: -	
Reporting Period: from						Page:	
through						of	
<u>COLUMN 1</u> Permit Unit Number	<u>COLUMN 2</u> Permit Condition # (Specify the Condition # for required monitoring)	<u>COLUMN 3</u> Parameters Monitored (e.g. ppm NOx, exhaust temp –0F, etc.)	<u>COLUMN 4</u> Periods of Deviation (Dates and Times)	<u>COLUMN 5</u> Limit (e.g. 30 ppm, 10 psi, 25 lb/day, etc.)	<u>COLUMN 6</u> Actual (e.g. 37.2 ppm, 3 psi, 30 lb/day, etc)	<u>COLUMN 7</u> Deviation or Excess for Period of each Deviation (e.g. 7.2 ppm)	<u>COLUMN 8</u> Notes (e.g. cause, corrective action, etc.)

Title V – REPORT OF REQUIRED MONITORING

INSTRUCTIONS (TVFORM-007)

Follow the instructions for filling out the Report of Required Monitoring Deviation Table Columns #1 through Column #7 for each deviation that occurred during the reporting period.

- Column 1. PERMIT NUMBER - References the District permit unit by permit number (e.g. S-1234-6-0). The entire permit number including the region, facility, equipment, and modification number must be cited.
- Column 2. CITE PERMIT CONDITION NUMBER to identify each term or condition that contains the monitoring requirement. (i.e. condition #6)
- Column 3. PARAMETERS MONITORED – Identify the parameters monitored (e.g. ppm NO_x, exhaust temperature °F, etc.)
- Column 4. PERIODS OF DEVIATION – Identify all periods of deviation by date and time.
- Column 5. LIMIT – Identify the limit for the parameter being monitored. (e.g. 30 ppm NO_x, 100 °F, etc.)
- Column 6. ACTUAL – Identify the highest actual result for the parameter being monitored for each period of deviation. (e.g. 35 ppm NO_x, 110 °F, etc.)
- Column 7. DEVIATION OR EXCESS – Identify the difference between the actual result for the parameter being monitored and the limit for each period of deviation. (e.g. +5 ppm NO_x, 10 lb NO_x, etc.)
- Column 8. NOTES – This optional column may be used to identify any probable cause of deviations, corrective actions, or preventative measures taken.

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

TITLE V COMPLIANCE CERTIFICATION

Company Name:	Facility ID: -
Certification Period: from	through

COMPLIANCE CERTIFICATION:

I declare, under penalty of perjury under the laws of the state of California, that, based on information and belief formed after reasonable inquiry, all information provided in this certification package is true, accurate, and complete:

Signature of Responsible Official

Date

Name of Responsible Official (please print)

Title of Responsible Official (please print)

Mail Original to: District Central Regional Office and a Copy to: Air Division, EPA Region IX

San Joaquin Valley Unified Air Pollution Control District

Title V - COMPLIANCE CERTIFICATION FORMS

In numerical order, list all permitted units that are subject to one or more applicable requirements. List all requirements for a permit, each in a separate box, before moving on to the next permit number. Refer to the attached instructions for more information.

Company Name:				Facility ID: -
Certification Period: from _____ through _____				Page: _____ of _____
<u>COLUMN 1</u> Permit Unit Number	<u>COLUMN 2</u> Permit Condition No. Specify each Permit Condition Number Sequentially	<u>COLUMN 3</u> Compliance Status during Period: "CONTINUOUS", "INTERMITTENT", OR "NOT IN COMPLIANCE"	<u>COLUMN 4</u> Method for determining Compliance Status.	<u>COLUMN 5</u> Additional Information: Identify each deviation, each possible exception to Compliance and each excursion or exceedance as defined in 40 CFR, Part 64.

Title V - COMPLIANCE CERTIFICATION FORM

INSTRUCTIONS (TVFORM-006)

Follow the instructions for filling out the Certification Form Table Columns #1 through Column #5 for the requirements for each permitted emissions unit, as well as for facility-wide requirements.

Column 1. PERMIT NUMBER - References the District permit by permit number (e.g. S-1234-6-0). The entire permit number including the region, facility, equipment, and modification number must be cited.

Column 2. CITE PERMIT CONDITION NUMBER to identify each term or condition of the permit that is the basis of the certification (i.e. condition #6).

Column 3. COMPLIANCE STATUS - Give the compliance status of the permitted unit with respect to the condition.

Continuous - If the permitted unit has been in full compliance with the permit condition for the entire certification period, write **Continuous** in this column.

Intermittent - If the permitted unit has only been in compliance with the permit condition for a portion of the certification period, write **Intermittent** in this column.

Not in Compliance - If the permitted unit was not in compliance with the permit condition during the certification period, write **Not in Compliance** in this column.

Column 4. METHOD OF DETERMINING COMPLIANCE - Describe how compliance with the condition was determined (e.g. Opacity Measured by EPA Method 9 weekly, Opacity recorded weekly). For monitoring, recordkeeping, and reporting requirements, describe the monitoring, recordkeeping and reporting practices utilized.

Column 5. NOTES – Include or reference any Additional Information: (e.g. breakdown reports, etc) that the District may require for determining compliance status. **Identify each deviation, each possible exception to Compliance and each excursion or exceedance as defined in 40 CFR, Part 64.**