



DEC 20 2018

Mr. Larry Osborne
Madera Power, LLC
6929 Avenue 430
Reedley, CA 93654

Re: Notice of Final Action - Title V Permit Renewal
Facility Number: C-799
Project Number: C-1171691

Dear Mr. Osborne:

The District has issued the Final Renewed Title V Permit for Madera Power, LLC (see enclosure). The preliminary decision for this project was made on October 22, 2018. No comments were received subsequent to the District preliminary decision.

The public notice for issuance of the Final Title V Permit will be published approximately three days from the date of this letter.

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

Sincerely,



Arnaud Marjollet
Director of Permit Services

Enclosures

cc: Tung Le, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via email

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 # C-799
MADERA POWER, LLC
6929 AVENUE 430
REEDLEY, CA 93654

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

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

Permit to Operate

FACILITY: C-799

EXPIRATION DATE: 05/31/2023

LEGAL OWNER OR OPERATOR: MADERA POWER, LLC
MAILING ADDRESS: 6929 AVENUE 430
REEDLEY, CA 93654

FACILITY LOCATION: 11427 FIREBAUGH BLVD
FIREBAUGH, CA 93622

FACILITY DESCRIPTION: POWER GENERATION

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: C-799-0-4

EXPIRATION DATE: 05/31/2023

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 and Madera County Rule 113] 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 and Madera County Rule 113] 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: MADERA POWER, LLC
Location: 11427 FIREBAUGH BLVD, FIREBAUGH, CA 93622
C-799-0-4 Dec 12 2016 8:37AM - SALINAS

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

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. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
40. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan when mandated by the regulations. [40 CFR Part 68] Federally Enforceable Through Title V Permit
41. 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-799-1-16

EXPIRATION DATE: 05/31/2023

EQUIPMENT DESCRIPTION:

FUEL STORAGE AND FEED SYSTEM CONSISTING OF: TRUCK WEIGH SCALE, FUEL STORAGE BLDG., TRUCK TIPPER, 2 RECLAIM CONVEYORS (RC1A, RC2A), FUEL RECLAIM, COLLECTION, AND TRANSFER CONVEYORS WITH A DUST COLLECTION SYSTEM INCLUDING FOUR PICKUP POINTS SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. When designated as a dormant emissions unit, no fuel shall be received in the fuel storage area. [District Rule 2080] Federally Enforceable Through Title V Permit
2. The permittee shall notify the District at least seven calendar days prior to the designation of this permit unit as a dormant emissions unit or an active emissions unit. [District Rule 2080] Federally Enforceable Through Title V Permit
3. When designated as a dormant emissions unit, normal monitoring and recordkeeping shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal monitoring and recordkeeping shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. 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
6. Specific Limiting Condition (SLC) limiting the annual emissions from the fuel handling listed under permit C-799-1, boiler/generator listed under permit C-799-3, the screening operation listed under permit C-799-6, the grinding operation listed under permit C-799-7, the transportable IC engine listed under permit C-799-8, and the transportable IC engine listed under permit C-799-11, calculated on a twelve consecutive month rolling basis, shall not exceed any of the following: 417,600 lb-NOx/year, 54,000 lb-SOx/year, 83,520 lb-PM10/year, 501,120 lb-CO/year, or 200,448 lb-VOC/year. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
8. Visible emissions from baghouse serving the fuel receiving operation shall not equal or 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
9. Fugitive dust emissions shall be controlled by water sprays, dust suppressants, enclosures, fencing, or other wind barriers. [District Rule 4102]
10. Mobile equipment, except their propulsion motors, shall be subject to all applicable conditions of this permit. [District Rule 4102]
11. Visible emissions shall be inspected annually under material and environmental conditions, such as dry and windy, where high emissions are expected. [District Rule 2520] Federally Enforceable Through Title V Permit
12. Enclosure shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520] 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.

13. Records of visible emission checks, emission control system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
14. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
19. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
21. The differential pressure gauge reading range shall be established per manufacturer's recommendation at time of start up inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Throughput of fuel shall not exceed 100 tons per hour nor 2,400 tons per day for each of the following emissions points: north reclaimer, south reclaimer, reclaimer to weigh belt transfer point, weigh belt to transfer conveyor (oversizers) transfer point, weigh belt to disk screen transfer point, disk screen to inclined conveyor transfer point, transfer conveyor to return conveyor transfer point, inclined conveyor to red conveyor transfer point, disc screen overs conveyor to fuel hog, fuel hog grinder, and fuel hog to hog transfer conveyor. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Emissions shall not exceed 0.012 lb PM10/ton for each of the north and south reclaimers. [District Rule 2201] Federally Enforceable Through Title V Permit
25. Emissions shall not exceed 0.005 lb PM10/ton for each of the following emissions points: transfer conveyor to return conveyor transfer point and inclined conveyor to red conveyor transfer point. [District Rule 2201] Federally Enforceable Through Title V Permit
26. Controlled emissions shall not exceed 0.001 lb PM10/ton for each of the following emissions points: reclaimer to weigh belt transfer point, weigh belt to transfer conveyor (oversizers) transfer point, weigh belt to disk screen transfer point, and disk screen to inclined conveyor transfer point. [District Rule 2201] Federally Enforceable Through Title V Permit
27. Emissions shall not exceed 0.000046 lb PM10/ton for each of the following emissions points: disc screen overs to fuel hog and fuel hog to hog transfer conveyor. [District Rule 2201] Federally Enforceable Through Title V Permit
28. Emission shall not exceed 0.0012 lb PM10/ton for the fuel hog grinder. [District Rule 2201] Federally Enforceable Through Title V Permit
29. Emissions of PM10 shall not exceed 110.8 lb PM10/day from the entire operation. [District Rule 2201] Federally Enforceable Through Title V Permit
30. Emissions of PM10 shall not exceed 2.1 lb PM10/day from the baghouse exhaust. [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.

31. For each unit subject to the Specific Limiting Condition (SLC), the permittee shall maintain all necessary records in order to show compliance with the annual SLC limits. [District Rule 2201] Federally Enforceable Through Title V Permit
32. Permittee shall keep daily and annual records of fuel throughput in tons. [District Rule 2201] Federally Enforceable Through Title V Permit
33. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made readily available for District inspection upon request. [District Rules 2201 and 1070] 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-799-2-7

EXPIRATION DATE: 05/31/2023

EQUIPMENT DESCRIPTION:

ASH HANDLING AND DISPOSAL SYSTEM CONSISTING OF PNEUMATIC PIPING, ASH SILO CYCLONE, ASH SILO BAGHOUSE, ASH SILO, ASH BLOWER, ASH ROTARY VALVE, AND ASH CONDITIONER/PUGMILL

PERMIT UNIT REQUIREMENTS

1. 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
2. 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
3. The storage, handling, and disposal of ash shall be controlled by closed systems, enclosures, covers, water sprays, or wind barriers. [District Rule 4102]
4. Mobile equipment, except their propulsion motors, used in the handling of ash shall be subject to all applicable conditions of this permit. [District Rule 4102]
5. The ash shall be mixed with water to form a wet cake suitable for hauling prior to being loaded into trucks. [District Rule 4102]
6. Any contractor or other person who handles or disposes of ash from this facility shall be subject to all applicable conditions of this permit. [District Rule 4102]
7. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf. [District Rules 4201 and 4202] Federally Enforceable Through Title V Permit
8. Upon recommencing operation, enclosure and dust collection system shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
9. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
10. Upon recommencing operation, dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
11. Records of visible emission checks, dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [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-799-3-25

EXPIRATION DATE: 05/31/2023

EQUIPMENT DESCRIPTION:

32.85 MW RESOURCE RECOVERY FACILITY BOILER/GENERATOR INCLUDING: 460 MMBTU/HR ATMOSPHERIC FLUIDIZED BED BOILER, MULTICLONE, BAGHOUSE, REAGENT INJECTION SYSTEM, AMMONIA INJECTION SYSTEM, PROPANE OR NATURAL GAS-FIRED START-UP PREHEATER, WITH CONTINUOUS EMISSION MONITORS

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 testing and monitoring shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal testing and monitoring shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Any 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. Specific Limiting Condition (SLC) limiting the annual emissions from the fuel handling listed under permit C-799-1, boiler/generator listed under permit C-799-3, the screening operation listed under permit C-799-6, the grinding operation listed under permit C-799-7, the transportable IC engine listed under permit C-799-8, and the transportable IC engine listed under permit C-799-11, calculated on a twelve consecutive month rolling basis, shall not exceed any of the following: 417,600 lb-NO_x/year, 54,000 lb-SO_x/year, 83,520 lb-PM₁₀/year, 501,120 lb-CO/year, or 200,448 lb-VOC/year. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The APCO or any authorized representative, upon request, shall have access to, and copies of, any records required to be kept under the terms and conditions of this permit. [CH&SC 42303]
9. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
10. The atmospheric fluidized bed (AFB) boiler shall not operate in excess of 348 days per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Natural gas or propane burners shall be used during start-up and for combustor stabilization throughout the chamber prior to the introduction of solid fuel. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Particulate matter concentrations shall not exceed 0.024 grains/dscf. [District Rules 2201, 4201, and 4301] 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.

13. Expected emissions of combustion contaminants from the fluidized bed boiler, as particulate matter (PM), will not exceed 10 lb/hr, as measured by EPA Method 5. [District Rule 4301] Federally Enforceable Through Title V Permit
14. Ash sample testing for substances not considered to be combustion contaminants using ion chromatography shall be performed at least once every 12 calendar months. [District Rule 2201] Federally Enforceable Through Title V Permit
15. A representative sample of ash shall be collected during source testing and analyzed by ion chromatography to determine the percentage of combustion contaminants exiting the stack. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The PM source test result may be adjusted based on the fraction of combustion contaminants from the ash sample test results to determine the hourly combustion contaminant emission rate. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Total PM10 shall not exceed 11.2 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Emissions from this unit shall not exceed any of the following limits: 50 lb-NO₂/hr (1,200 lb-NO₂/day), 24 lb-ROG/hr (576 lb-ROG/day), 29 lb-SO₂/hr (696 lb-SO₂/day), 240 lb-PM/day, or 60 lb-CO/hr (1,440 lb-CO/day). [District Rules 2201 and 4301] Federally Enforceable Through Title V Permit
19. Ammonia emissions shall not exceed 100 parts per million. [District Rule 2201] Federally Enforceable Through Title V Permit
20. A quarterly report of the daily fuel usage and type shall be submitted to the District by the 30th day of the following month. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Offset creditable fuels are limited to the following: alfalfa straw, almond prunings, apple prunings, apricot prunings, barley straw, bean straw/stalks, cherry prunings, citrus prunings, corn stalks, fig prunings, forest slash/cull, grape prunings, generic orchard prunings, milo sorghum, nectarine prunings, olive prunings, peach prunings, pecan prunings, pistachio prunings, plum prunings, rice straw, wheat straw, walnut prunings, and generic field crops historically open burned in the San Joaquin Valley air basin. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Fuels for the AFB boiler are limited to the following: alfalfa straw, almond prunings, almond shells, apple prunings, apricot prunings, barley straw, bean straw/stalks, cedar bark, cherry pits, cherry prunings, citrus prunings, coffee grounds, corn stalks, cotton gin trash, cotton stalks, ditchbank or canal weeds, fig prunings, forest slash/cull, grape pomace, grape prunings, generic orchard prunings, hog fuel (mill residue), landscape tree trimmings, milo sorghum, nectarine pits, nectarine prunings, olive pits, olive pomace, olive prunings, pallet/bins wood, peach pits, peach prunings, peanut shells, pecan prunings, pecan shells, pistachio prunings, pistachio shells, plum prunings, prune pits, raisin pomace, rice straw, sawdust, tomato pomace, tumbleweeds, turkey (wood) shavings, urban development clearing trees, walnut prunings, walnut shells, wheat straw, unburned fuel, and paper. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Urban wood waste (construction, demolition, and landfill derived wood wastes) is approved as fuel so long as there is less than 1% by weight, of plastic, rubber and other non-wood combustibles (other than dirt or ash). [District Rule 4102]
24. All stack emissions shall be offset with creditable biomass on an annual basis. [District Rule 2201] Federally Enforceable Through Title V Permit
25. Emission offset credits shall be calculated using the following formula: $EC(y) = \text{Summation}[1/DF(i) \times T(i) \times EF(i)]$, where $EC(y)$ = the amount of offset credit available for the year, i = the i th load of biomass combusted for the offset year, $DF(i)$ = the distance factor for the i th load of biomass, $T(i)$ = the number of tons of biomass in the i th load, and $EF(i)$ = the emission factor for the type of biomass in the i th load. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The biomass offset Distance Factor shall be 1.2 for sources within a 15-mile radius and 2.0 for sources outside the 15-mile radius. [District Rule 2201] Federally Enforceable Through Title V Permit
27. Open burn emission factors used to determine the quantity of offsets available from the diversion of biomass from open-burning shall be obtained from District Policy SSP 2005 "Open Burn Emission Factors." [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. Daily records of biomass consumption shall be maintained which include the type, mass and geographic origin of all creditable biomass received and used. Records shall include certifications that any creditable biomass has historically been openly burned in the San Joaquin Valley air basin. [District Rules 2201 and 4352] Federally Enforceable Through Title V Permit
29. Monthly records of all fuel consumption (including biomass and all other permitted fuels) shall be kept. Records shall include type, quantity, and higher heating value (HHV) for each fuel used. [District Rule 4352] Federally Enforceable Through Title V Permit
30. Annual records shall be maintained which quantify the total amount of stack emissions and the total amount of offsets claimed from the diversion of creditable biomass from open-burning, and which include calculations demonstrating that the total amount of annual offsets claimed is sufficient to fully offset the annual stack emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
31. Amount of paper used for fuel shall not exceed 50% of the total fuel consumption. [District Rule 4102]
32. Amount of urban wood waste used for fuel shall not exceed 75% of the total fuel consumption. [District Rule 2201]
33. No fuel shall be chemically treated, painted, or oil stained. [District Rule 4102]
34. Fuel feed rate shall not exceed a maximum of 460 MMBtu/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
35. Gross power production shall not exceed 32.85 Megawatts. [District Rule 2201] Federally Enforceable Through Title V Permit
36. Steam production shall not exceed 7,256,000 pounds per day at 900 °F and 850 psig. [District Rule 2201] Federally Enforceable Through Title V Permit
37. If urban wood wastes have been burned during the 365 day period prior to October 31 of any year, fuel testing shall be conducted by December 31 of that year. [District Rule 4102]
38. Fuel testing shall be conducted as follows: one truckload of urban wood waste fuel shall be weighed, dumped, and all contaminants shall be sorted from the fuel, identified and weighed. The report for this test shall be forwarded to the District by January 31 (one month after fuel testing deadline). [District Rule 4102]
39. The District shall be contacted and notified of the proposed date of any fuel testing. [District Rule 2201] Federally Enforceable Through Title V Permit
40. In addition to the scheduled annual fuel testing, testing shall also be performed on urban wood waste on-site within 24 hours of any such request of District staff. [District Rule 2201] Federally Enforceable Through Title V Permit
41. The baghouse shall consist of 2,310 bags with a rating of 226,000 acfm. [District Rule 2201] Federally Enforceable Through Title V Permit
42. All modules of the baghouse shall be equipped with a manometer which shall be calibrated on an annual or more frequent basis. [District Rule 2201] Federally Enforceable Through Title V Permit
43. The multiclone shall consist of a 1,500 hp motor with 200-11.5 inch collector tubes. [District Rule 2201] Federally Enforceable Through Title V Permit
44. The reagent injection system shall consist of a 2,540 cubic foot silo. [District Rule 2201] Federally Enforceable Through Title V Permit
45. The reagent bin for the dry additive injection system shall be under negative pressure whenever reagent is being loaded into the bin. [District Rule 2201] Federally Enforceable Through Title V Permit
46. The ammonia injection system includes 36 nozzles. [District Rule 2201] Federally Enforceable Through Title V Permit
47. The air flow rate and ammonia injection rate shall be monitored continuously and recorded. [District Rule 2201] Federally Enforceable Through Title V Permit
48. Particulate matter emissions in the exhaust gas from this unit shall not exceed 0.03 lb/MMBtu heat input. [40 CFR 60.42Da(a)(1) and (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.

49. The opacity of the exhaust gas from this unit shall not exceed 20 percent based on a 6-minute average except for one 6-minute period per hour of not more than 27 percent opacity. [40 CFR 60.42Da(b) and 40 CFR 64.3] Federally Enforceable Through Title V Permit
50. Sulfur dioxide (SO₂) emissions from the biomass unit shall not exceed 1.20 lb/MMBtu heat input. [40 CFR 60.43Da(d)(2)] Federally Enforceable Through Title V Permit
51. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Madera County Rule 404] Federally Enforceable Through Title V Permit
52. SO₂ emissions shall be calculated based on the arithmetic average of all hourly emissions rates for SO₂ for the 30 successive boiler operating days. [40 CFR 60.48Da(g)] Federally Enforceable Through Title V Permit
53. Except for periods of start-up or shutdown, emissions concentrations in the exhaust from the unit shall not exceed any of the following limits based on a block 24 hour average : 115 ppmv NO_x at 3% O₂ or 400 ppmv CO at 3% O₂. [40 CFR 60.44Da(a) and District Rule 4352] Federally Enforceable Through Title V Permit
54. The duration of each shutdown shall not exceed twelve (12) hours except as provided in Section 5.3.4 of District Rule 4352. [District Rule 4352] Federally Enforceable Through Title V Permit
55. Except as provided in Section 5.3.4 of District Rule 4352, the duration of each start-up shall not exceed 96 hours, or 192 hours if curing of the refractory is required after a modification. [District Rule 4352] Federally Enforceable Through Title V Permit
56. When two or more fuels are combusted simultaneously, NO_x emissions shall not exceed the prorated emissions calculated using the following formula: $E_n = [86w + 260z]/100$, where: E_n is the applicable standard for nitrogen oxides when multiple fuels are combusted simultaneously (ng/J heat input); w is the percentage of total heat input derived from the combustion of gaseous fuels; and z is the percentage of total heat input derived from the combustion of solid fuels. [40 CFR 60.44Da(c)] Federally Enforceable Through Title V Permit
57. Applicable emissions standards of 40 CFR part 60 for PM, SO₂, and NO_x apply at all times except during the startup, shutdown, or malfunction. [40 CFR 60.48Da(c)] Federally Enforceable Through Title V Permit
58. Continuous Emission Monitoring systems (CEMs) shall be operated, maintained, and calibrated pursuant to the requirements of 40 CFR 60.7 (c) and 60.13. CEMs must also satisfy the Performance Specifications of 40 CFR Part 51 Appendix P and 40 CFR Part 60 Appendix B, Performance Specifications 2, 3, and 4, and the Relative Accuracy Test Audit of Appendix F. [District Rules 1080, 2201, and 4352, 40 CFR 60.49Da(w) and 40 CFR 64.3] Federally Enforceable Through Title V Permit
59. The continuous emissions monitoring systems (CEMs) for NO_x, SO₂, and CO and continuous monitoring system for opacity and O₂ concentration shall be calibrated and maintained operational at all times including the periods of startup, shutdown, malfunction, and emergency conditions, except for the CEMs breakdowns, repairs, calibrate checks, and zero and span adjustments. [District Rule 4352 and 40 CFR 60.49Da(a), (b), (c), (d), and (e), 40 CFR 64.3] Federally Enforceable Through Title V Permit
60. Hourly emissions for NO_x (as NO₂), SO₂, and CO shall be based on a consecutive three-hour average as determined by the CEM system. [District Rule 1080] Federally Enforceable Through Title V Permit
61. The owner or operator shall obtain emission data for at least 18 hours in at least 22 hours out of the 30 successive boiler operating days. If this minimum data cannot be obtained, the operator or owner shall supplement emission data with alternate monitoring system approved by the APCO or methods and procedures described in section 60.47a(h) of 40 CFR 60, Subpart Da. [40CFR 60.49Da(f) and 40 CFR 64.9] Federally Enforceable Through Title V Permit
62. The owner or operator shall use methods and procedures described in 40 CFR 60.47a(i) to conduct monitoring system performance evaluations and calibrate checks under subpart 60.13(c) and (d). Alternate methods and procedures described under section 60.47a(j) may also be used. [40 CFR 60.49Da(i) and (j) and 40 CFR 64.9] Federally Enforceable Through Title V Permit
63. Results of continuous emissions monitoring must 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 Rule 1080 and 40 CFR 64.9] 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.

64. A violation of NO_x emission standards indicated by the NO_x CEM shall be reported by the operator to the APCO within 96 hours. [District Rule 1080] Federally Enforceable Through Title V Permit
65. Operator shall notify the APCO shall be notified no later than eight hours after the detection of a breakdown of the CEM. The operator shall inform the APCO of the intent to shut down the CEM at least 24 hours prior to the event. [District Rule 1080] Federally Enforceable Through Title V Permit
66. Operators of CEM's installed at the direction of the APCO 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: A. time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; B. 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; C. 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; D. a negative declaration when no excess occurred. [District Rule 1080 and 40 CFR 60.51Da, 40 CFR 64.9] Federally Enforceable Through Title V Permit
67. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [40 CFR 64.3] Federally Enforceable Through Title V Permit
68. The baghouse shall operate at all times with a minimum differential pressure of 3 inches water column and a maximum differential pressure of 10 inches water column. [40 CFR Part 64.3] Federally Enforceable Through Title V Permit
69. Differential operating pressure shall be monitored and recorded on each day that the combustor operates. [40 CFR 64.3] Federally Enforceable Through Title V Permit
70. During each day of operation, the permittee shall record the pressure drop of the baghouse, and compare the readings with the acceptable range. Upon detecting any excursion from the acceptable range pressure readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR 64.7] Federally Enforceable Through Title V Permit
71. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR 64.7] Federally Enforceable Through Title V Permit
72. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64.9] Federally Enforceable Through Title V Permit
73. The permittee shall maintain records of the criteria used to establish that the unit qualifies as a small power production facility under section 3(17)(C) of the Federal Power Act (16 U.S.C. 796(17)(C)) and that the waste material the unit is proposed to burn is homogeneous (not including refuse-derived fuel). [40 CFR 60.2175 (w)] Federally Enforceable Through Title V Permit
74. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR 64.8] Federally Enforceable Through Title V Permit
75. Source testing for PM₁₀, SO_x, NO_x, CO, VOC, and ammonia slip shall be performed at least once every 12 calendar months. [District Rules 2201, 1081, and 4352] Federally Enforceable Through Title V Permit
76. 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
77. Stack gas velocity shall be determined using EPA Method 2. Stack gas oxygen shall be determine using EPA Method 3 or 3A (or ARB Method 100). Stack gas moisture content shall be determined using EPA Method 4. Solid fuel higher heating value (hhv) shall be determined using ASTM Method D 2015 or E 711. [District Rule 4352] 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.

78. Source testing shall be conducted using the following methods: EPA Method 7E (or CARB Method 100) for NO_x (ppmv); EPA Method 19 for NO_x (lb/MMBtu heat input); EPA Method 5 for particulate matter (PM); EPA Method 6/6C or 8 for SO₂; EPA Method 9 for opacity; EPA method 10 (or CARB method 100) for CO; and EPA Method 18 (or CARB Method 100) for VOC. [District Rule 4352 and 40 CFR 60.50Da] Federally Enforceable Through Title V Permit
79. 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 zero, or is shut off for 30 minutes or longer. [District Rule 4352] Federally Enforceable Through Title V Permit
80. The results of each source test and ash sample ion chromatography test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
81. Records shall be maintained and shall contain: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, maintenance of any CEM's that have been installed pursuant to District Rule 1080, and emission measurements. [District Rule 1080, 40 CFR 60.7 (b) and 40 CFR 64.9] Federally Enforceable Through Title V Permit
82. By the applicable due date specified in 40 CFR 63, Subpart JJJJJ and every two years thereafter, permittee shall conduct a performance tune-up of the boiler in accordance with 40 CFR 63.11223(b). Permittee shall submit a signed statement of the Notification of Compliance Status report that a tune-up of the boiler was completed. [40 CFR 63.11214(b)] Federally Enforceable Through Title V Permit
83. By the applicable due date specified in 40 CFR 63, Subpart JJJJJ, the permittee shall conduct a one-time energy assessment as described in 40 CFR 63, Subpart JJJJJ, Table 2. Permittee shall submit a signed statement in the Notification of Compliance Status report that the energy assessment was completed, and shall submit the energy assessment report upon request. [40 CFR 63.11214(c)] Federally Enforceable Through Title V Permit
84. Permittee shall submit Notification of Compliance Status reports by the applicable due date specified in 40 CFR 63, Subpart JJJJJ. [40 CFR 63.11225(a)(4)] Federally Enforceable Through Title V Permit
85. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (Amended December 16, 1993), of 3 forty-minute test runs for NO_x and CO. This mean shall be multiplied by the appropriate factor. [District Rule 2520] Federally Enforceable Through Title V Permit
86. Enclosure and dust collection system shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
87. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
88. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
89. For each unit subject to the Specific Limiting Condition (SLC), the permittee shall maintain all necessary records in order to show compliance with the annual SLC limits. [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-799-4-4

EXPIRATION DATE: 05/31/2023

EQUIPMENT DESCRIPTION:

STEAM AND POWER SYSTEM CONSISTING OF: FORCED CIRCULATION BOILER, TURBINE, BOILER FEEDWATER PUMPS, COOLING TOWER AND FANS, CONDENSATE PUMPS, AIR COMPRESSOR SYSTEM, AND OTHER ASSOCIATED EQUIPMENT

PERMIT UNIT REQUIREMENTS

1. See facility wide permit for requirements applicable to this permit unit. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. No compound containing hexavalent chromium shall be added to the cooling tower. [District Rule 7012]
4. Records shall be maintained which show the composition of all substances added to the cooling tower. [District Rule 2520, 9.4.1] 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-799-10-2

EXPIRATION DATE: 05/31/2023

EQUIPMENT DESCRIPTION:

196 BHP CATERPILLAR MODEL 3208 TIER 0 (NON-CERTIFIED) 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. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
3. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702 and 40 CFR 63 Subpart ZZZZ]
4. 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
5. 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
6. 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, 17 CCR 93115, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
7. 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
8. 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
9. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rule 4801 and 17 CCR 93115] Federally Enforceable Through Title V Permit
10. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63.6603/66.6640 Table 2d, Row 1.a] 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. 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 63.6603/63.6640 Table 2d, Row 1.b] Federally Enforceable Through Title V Permit
12. 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 63.6603/63.6640 Table 2d, Row 1.c] Federally Enforceable Through Title V Permit
13. The permittee shall keep records of the maintenance conducted on the engine. [40 CFR 63.6655(e)] Federally Enforceable Through Title V Permit

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