



MAY 14 2014

Mr. Juan Casillas
Ingredion Incorporated
PO Box 6129
Stockton, CA 95206

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # N-238
Project # N-1133198**

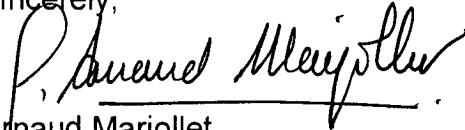
Dear Mr. Casillas:

The District has issued the Final Renewed Title V Permit for Ingredion Incorporated. The preliminary decision for this project was made on March 5, 2014. 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. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,



Arnaud Marjollet
Director of Permit Services

Enclosures

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

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

San Joaquin Valley Air Pollution Control District

FACILITY: N-238-0-3

EXPIRATION DATE: 03/31/2019

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 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: INGREDION INCORPORATED
Location: 1021 INDUSTRIAL DR, STOCKTON, CA 95206
N-238-0-3 - May 12 2014 7:41AM - YOSHIMUJ

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 Rule 8021 and 8011] 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 Rule 8031 and 8011] 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 Rule 8041 and 8011] 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 Rule 8051 and 8011] 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 Rule 8061 and Rule 8011] 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 Rule 8071 and Rule 8011] 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. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. Particulate matter (PM) emissions from the entire facility shall not exceed 25 pounds per hour or 250 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
43. The PM10 limit from the entire facility shall not exceed 200 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
44. On December 31, 2004, the initial Title V permit was issued. 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: N-238-1-6

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

CORN RECEIVING AND STORAGE OPERATION CONSISTING OF: RECEIVING PITS, VARIOUS CONVEYING EQUIPMENT, AND THREE HOPPERS ALL VENTED TO A CARTER-DAY MODEL 376-RF8 BAGHOUSE AND THREE STORAGE BINS EACH EQUIPPED WITH A BIN VENT FILTER. THE THIRD STORAGE SILO (#3) IS SERVED BY A DCL, INC. MODEL BV25-58-112A912Z-TO BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouses shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. Each 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
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The cleaning frequency and duration for each baghouse shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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
5. Particulate matter emissions from each baghouse shall not exceed 0.002 grains/dscf in concentration. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Particulate matter emissions from unloading shall not exceed 0.93 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from silos 1, 2 and 3 shall not exceed 0.93 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. The annual quantity of corn received shall not exceed 2,628,000 tons per year, based on a 12-month rolling period. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The owner/operator shall check for visible emissions on a daily basis. If any particulate matter emissions are visible, the baghouse and bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, 2520 Section 9.3.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
11. Visible emissions from each baghouse shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day the baghouse is operated. 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, 9.3.2 and 40 CFR Part 64] 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.

12. Baghouse and bin vent filter shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
13. Visible emissions from baghouse serving the hoppers shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. Records of baghouse and bin vent filter 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, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
15. The permittee shall maintain records of the cumulative amount of corn received based on a 12-month rolling period. Records shall be updated at least once per month. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
16. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
17. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
18. 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 Part 64] Federally Enforceable Through Title V Permit
19. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2420 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
20. All records shall be retained for a minimum of five years and shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2] 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: N-238-2-4

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

CORN CLEANING OPERATION WITH: THREE DRAG CONVEYORS AND ONE ELEVATOR VENTED TO A BIN FILTER; ASPERATED CORN CLEANER, TWO HOPPERS, AND VARIOUS CONVEYORS VENTED TO A CARTER-DAY BAGHOUSE; AND ONE CORN CLEANINGS HOPPER VENTED TO A CARTER-DAY BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. 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
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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
5. Particulate matter emissions from each baghouse shall not exceed 0.002 grains/dscf. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Particulate matter emissions from the elevator shall not exceed 0.017 pounds in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from cleaning shall not exceed 0.175 pounds in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Particulate matter emissions from the cleaning silo shall not exceed 0.014 pounds in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Visible emissions from the baghouse shall be checked quarterly. 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 within 48 hours. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. 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, 9.3.2] Federally Enforceable Through Title V Permit
12. Visible emissions from baghouse serving the conveyors shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] 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.

13. Records of baghouse and bin vent filter 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, 9.4.2] Federally Enforceable Through Title V Permit
14. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-8-3

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

GLUTEN MILLING, TRANSFER, AND STORAGE SERVED BY A CARTER-DAY DUST COLLECTOR, TYPE R-F

PERMIT UNIT REQUIREMENTS

1. 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
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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
5. Particulate matter emissions from the baghouse shall be no more than 0.002 grain/scf and 0.036 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions from the baghouse shall be checked quarterly. 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, 9.3.2] Federally Enforceable Through Title V Permit
7. Visible emissions from baghouse serving the gluten milling, transfer and storage shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. 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, 9.3.2] Federally Enforceable Through Title V Permit
10. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Records of duct 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, 9.4.2] Federally Enforceable Through Title V Permit
12. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-9-6

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

BULK GLUTEN LOADOUT SYSTEM WITH A STATIONARY HOOD AND A W.W. SLY MODEL XP-10 RETRACTABLE LOADING SPOUT SERVED BY AN ALANCO MODEL 378-RLP-FILTER BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The baghouse shall be equipped with an operational pressure differential gauge to indicate the pressure drop across the bags. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Visible emissions from the baghouse serving the gluten meal loadout operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Material removed from baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Replacement bags numbering at least 10% of the total number of bags in the baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All ducting from the loading spout to the baghouse shall be properly maintained to prevent fugitive dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions shall not exceed 0.004 pounds per ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The quantity of material processed by the gluten meal loadout system shall not exceed 150 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Visible emissions from the baghouse shall be checked quarterly. 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, 9.3.2] Federally Enforceable Through Title V Permit
11. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Dust collector 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, 9.3.2] Federally Enforceable Through Title V Permit
13. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.3.2] 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.

14. A record of the daily amount of material processed by the system shall be kept on the premises at all times and shall be made available for the District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records of duct 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, 9.4.2] Federally Enforceable Through Title V Permit
16. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-10-10

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

STARCH FLASH DRYER EQUIPPED WITH A 21 MMBTU/HR COEN QLN BURNER AND TWO STARCH RECOVERY CYCLONES SERVED BY TWO DUCON MULTIVANE GAS SCRUBBERS TYPE L MODEL II

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. Exhaust from the turbine and heat recovery boiler unit permitted under N-238-18 may be vented to the starch dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Emissions from the turbine and heat recovery boiler unit permitted under N-238-18 are not accounted for in the permitted emission limits for the starch dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
4. NOx emissions from the starch dryer shall not exceed 4.3 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
5. CO emissions from the starch dryer shall not exceed 42 ppmvd @ 19% O2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
6. SOx emissions from the starch dryer burner shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
7. PM10 emissions from the starch dryer shall not exceed 0.24 pounds per ton of starch dried. [District Rule 2201] Federally Enforceable Through Title V Permit
8. No more than 320 tons of starch shall be dried in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC emissions from the starch dryer shall not exceed 20 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Each scrubber shall be equipped with an operational differential pressure gauge to measure the pressure drop across the scrubber (i.e. outlet and inlet sections of the scrubber). [District Rule 2201, 40 CFR Part 64] Federally Enforceable Through Title V Permit
11. The differential pressure across each scrubber shall not exceed 10.0 inches of water column. Upon detecting any excursion, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [District Rule 2520, 40 CFR Part 64] Federally Enforceable Through Title V Permit
12. Each scrubber liquid supply shall have an operational pressure gauge at the inlet to the scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The scrubber sprays and/or nozzles shall be maintained in optimum working condition and shall be inspected at least once every 12 months. A record of the date of inspection, identification of the equipment, identification of the individual performing the inspection, and any corrective action taken shall be maintained on site. [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.

14. Each scrubber shall be equipped with an operational liquid flow meter. [40 CFR Part 64] Federally Enforceable Through Title V Permit
15. For each scrubber, the liquid recirculation flow rate shall not be less than 83 gallons per minute (equivalent to 3 gpm/1,000 cfm for each fan rated at 27,500 cfm). Upon detecting any excursion, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [District Rule 2201, 40 CFR Part 64] Federally Enforceable Through Title V Permit
16. The starch dryer shall be fired exclusively on PUC-quality natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
17. 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 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
18. Source testing to measure NOx and CO emissions from the starch dryer shall be conducted at least once every twenty-four months for each exhaust stack. Source testing shall be conducted when the exhaust from the turbine and waste heat recovery boiler unit permitted under N-238-18 is not being vented to the starch dryer. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
19. 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 Rule 4309] Federally Enforceable Through Title V Permit
20. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
21. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
22. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
23. 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
24. 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
25. The permittee shall monitor and record the stack concentration of NOx, 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 given in District Policy SSP-3005 (Emissions Monitoring for Rule 4309) or approved by the APCO. 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 Rule 4309] Federally Enforceable Through Title V Permit
26. If either the NOx or CO concentrations corrected to 19% O2 (or no correction if measured above 19% 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 Rule 4309] 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.

27. 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 Rule 4309] Federally Enforceable Through Title V Permit
28. 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 19% O₂ (or no correction if measured above 19% 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 Rule 4309] Federally Enforceable Through Title V Permit
29. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
30. A daily log containing total hours of operation, type and quantity of fuel used and the amount of starch processed shall be kept on the premises, and shall be made available for District inspection upon request. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
31. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
32. 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. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus County)] Federally Enforceable Through Title V Permit
33. Scrubber liquid recirculation rate (gpm) through each scrubber, and differential pressure across each scrubber (inches of water column) shall be observed and recorded at least once a day while the dryer is in operation. The records shall include date of inspection, identification of the equipment, identification of the individual performing the inspection, and the corrective action taken. [District Rule 2520, 9.4.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
34. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7 for the scrubbers. [40 CFR Part 64] Federally Enforceable Through Title V Permit
35. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9 for the scrubbers. [40 CFR Part 64] Federally Enforceable Through Title V Permit
36. If the District or EPA determines per 40 CFR 64.7(d)(2) that a Quality Improvement Plan is required, the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit
37. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 2520, 9.4.2 and 4309, and 40 CFR Part 64] 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: N-238-11-4

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

STARCH TRANSFER AND STORAGE SERVED BY A CARTER-DAY DUST COLLECTOR, TYPE R-F

PERMIT UNIT REQUIREMENTS

1. Visible emissions from truck or railcar loading operations shall be less than 20% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions from the baghouse shall be no more than 0.002 grain/scf and 0.041 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
3. 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
4. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. 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
7. The flexible air suction hoses shall be used at all times during truck and railcar loading. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Visible emissions from the baghouse shall be checked quarterly. 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, 9.3.2] Federally Enforceable Through Title V Permit
9. Visible emissions from baghouse serving the starch transfer and storage shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. 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, 9.3.2] Federally Enforceable Through Title V Permit
12. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. Records of duct 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, 9.4.2] 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.

14. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2] 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: N-238-12-3

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

BULK STARCH LOADOUT SERVED BY A CARTER-DAY DUST COLLECTOR

PERMIT UNIT REQUIREMENTS

1. Visible emissions from truck or railcar loading operations shall be less than 20% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions from the baghouse shall be no more than 0.002 grain/scf and 0.041 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
3. 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
4. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. 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
7. The flexible air suction hoses shall be used at all times during truck and railcar loading. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Visible emissions from the baghouse shall be checked quarterly. 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, 9.3.2] Federally Enforceable Through Title V Permit
9. Visible emissions from baghouse serving the bulk starch loadout shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. 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, 9.3.2] Federally Enforceable Through Title V Permit
12. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. Records of duct 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, 9.4.2] 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.

14. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-13-7

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

ONE (1) GERM DRYER SERVED BY A CYCLONE, A DUCON TYPE L MODEL II PARTICULATE SCRUBBER, AND A PPC INDUSTRIES MODEL 616PFG SOX SCRUBBER.

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. Each scrubber shall have an operational differential pressure gauge. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Each scrubber liquid supply (at inlet to scrubber) shall have an operational flow meter. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The scrubber sprays and/or nozzles shall be strictly maintained in optimum working condition. [District Rule 2201] Federally Enforceable Through Title V Permit
5. A minimum liquid to gas ratio of 4 gpm per 1,000 cfm shall be provided for each scrubber. Upon detecting any excursion, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [District Rule 2201 and 40 CFR part 64] Federally Enforceable Through Title V Permit
6. The emissions from this unit shall be ducted to the control devices at all times that the equipment is in operation except for SOx scrubber maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Except for SOx scrubber maintenance, the SOx emissions shall not exceed 0.50 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 1.90 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
9. PM10 emissions shall not exceed 0.62 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The exhaust gases may be bypassed through the bypass duct after the particulate scrubber and prior to the SOx scrubber in the event of SOx scrubber maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The exhaust gases may be bypassed for a period not to exceed 200 hours per year for maintenance of the SOx scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
13. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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 Part 64] Federally Enforceable Through Title V Permit
15. Records shall be kept indicating the date and time and duration of time maintenance was performed such that the exhaust gases were bypassed from the SOx scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of the SOx scrubber liquid flow rate shall be observed and recorded weekly during operation of this unit. 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, 9.4.2] Federally Enforceable Through Title V Permit
17. Records of the PM10 particulate scrubber liquid flow rate shall be observed and recorded daily during operation of this unit. 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, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
18. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2 and 40 CFR part 64] 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: N-238-14-3

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

GERM TRANSFER AND STORAGE SERVED BY A CARTER-DAY BAGHOUSE, TYPE R-F

PERMIT UNIT REQUIREMENTS

1. 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
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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
5. Particulate matter emissions from the baghouse shall be no more than 0.002 grains/scf and 0.043 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions from the baghouse shall be checked quarterly. 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, 9.3.2] Federally Enforceable Through Title V Permit
7. Visible emissions from baghouse serving the germ transfer and storage shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. 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, 9.3.2] Federally Enforceable Through Title V Permit
10. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. Records of duct 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, 9.4.2] Federally Enforceable Through Title V Permit
12. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-15-3

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:
BULK GERM LOADOUT

PERMIT UNIT REQUIREMENTS

1. See facility-wide permit N-238-0 for the requirements applicable to this permit unit. [District Rule 2080] 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: N-238-16-3

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

FILTER-AID RECEIVING AND STORAGE SERVED BY A CARTER-DAY BAGHOUSE, TYPE R-F

PERMIT UNIT REQUIREMENTS

1. 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
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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
5. Particulate matter emissions from the baghouse shall be no more than 0.002 grain/scf and 0.01 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions from the baghouse shall be checked quarterly. 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, 9.3.2] Federally Enforceable Through Title V Permit
7. Visible emissions from baghouse serving the filter-aid receiving and storage shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. 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, 9.3.2] Federally Enforceable Through Title V Permit
10. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. Records of duct 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, 9.4.2] Federally Enforceable Through Title V Permit
12. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-17-3

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

CARBON RECEIVING AND STORAGE SERVED BY A CARTER-DAY BAGHOUSE, MODEL 28 RF6

PERMIT UNIT REQUIREMENTS

1. 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
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency based on the manufacturer's recommendation. [District Rule 2201] Federally Enforceable Through Title V Permit
4. 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
5. Particulate matter emissions from the baghouse shall be no more than 0.002 grain/scf and 0.01 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions from the baghouse shall be checked quarterly. 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, 9.3.2] Federally Enforceable Through Title V Permit
7. Visible emissions from baghouse serving the carbon receiving and storage shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Dust collector system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. 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, 9.3.2] Federally Enforceable Through Title V Permit
10. Records of quarterly checks of the pressure drop across the bags shall be maintained. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. 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, 9.4.2] Federally Enforceable Through Title V Permit
12. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-18-7

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

SOLAR TURBINE INCORPORATED CENTAUR 2800 KW (ISO) CONTINUOUS DUTY INDUSTRIAL GAS TURBINE GENERATOR AND A DELTA WASTE HEAT BOILER, MODEL 3L-227, SERVED BY A SELECTIVE CATALYTIC REDUCTION SYSTEM

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
2. The water to fuel injection ratio shall be maintained at a minimum of 0.57 by weight. [District NSR Rule and District Rule 4703] Federally Enforceable Through Title V Permit
3. The permittee shall maintain and operate a continuous monitoring system to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbine. [District Rule 4001 and District Rule 4703] Federally Enforceable Through Title V Permit
4. A flowmeter shall be operated at the water injection system's water inlet to the turbine. The flow meter shall be equipped with flow totalizer. [District Rule 2201 and District Rule 4703] Federally Enforceable Through Title V Permit
5. The turbine shall only be fired on natural gas with a sulfur content not exceeding 1.0 grains of sulfur compounds (as S) per 100 dry standard cubic feet of natural gas fuel. [District Rule 2201, 40 CFR 60.333(a), and San Joaquin County Rule 407] Federally Enforceable Through Title V Permit
6. Emissions from the gas turbine shall not exceed any of the following limits: 120 ppmvd CO @15% O₂; 0.0070 lb-PM₁₀/MMBtu; 0.0021 lb-VOC/MMBtu (referenced as methane); and 0.00285 lb-SO_x/MMBtu (referenced as SO₂). The CO emission limit is based on a 3-hour average. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
7. Ammonia slip (NH₃) emissions shall not exceed 5 ppmvd @ 15% O₂. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Except during startup and shutdown periods, emissions from the gas turbine system shall not exceed 9 ppmvd NO_x @ 15% O₂. [District Rules 2201 and 4703, and 40 CFR 60.332(c)] Federally Enforceable Through Title V Permit
9. During startup and shutdown periods, emissions from the gas turbine system shall not exceed 35 ppmvd NO_x @ 15% O₂ once the turbine generator has reached operating speed. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
10. The duration of each startup and each shutdown shall not exceed 2 hours per event. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
11. The total combined duration of startups and shutdowns shall not exceed 8 hours in any one day. [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.

12. Startup shall be defined as the period of time during which a unit is brought from a shutdown status to its SCR operating temperature and pressure, including the time required by the unit's emission control system to reach full operation. Shutdown shall be defined as the period of time during which a unit is taken from an operational to non-operational status as the fuel supply to the unit is completely turned off. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
13. The emission control systems shall be in operation and emissions shall be minimized insofar as technologically feasible during startup and shutdown periods. [District Rule 4703] Federally Enforceable Through Title V Permit
14. Source testing to demonstrate compliance with the NO_x, CO, and NH₃ emission limits of the gas turbine system shall be conducted at least once every 12 months. The 3-run tests shall be performed at four evenly spaced load points in the normal operating range of the gas turbine. [40 CFR 60.335(a), (b)(2) and District Rules 1081 and 4703] Federally Enforceable Through Title V Permit
15. 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
16. NO_x emissions (referenced as NO₂) shall be determined using EPA Method 7E or EPA Method 20. [District Rules 1081 and 4703, 40 CFR 60.335(b)(1)] Federally Enforceable Through Title V Permit
17. CO emissions shall be determined using EPA Method 10 or EPA Method 10B. [District Rules 1081 and 4703] Federally Enforceable Through Title V Permit
18. Oxygen content of the exhaust gas shall be determined using EPA Method 3, EPA Method 3A, or EPA Method 20. [District Rules 1081 and 4703] Federally Enforceable Through Title V Permit
19. Ammonia (NH₃) emissions shall be determined using BAAQMD Method ST-1B. [District Rules 1081, 2201, and 4102] Federally Enforceable Through Title V Permit
20. All continuous monitoring 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. [40 CFR 60.13(b)] Federally Enforceable Through Title V Permit
21. 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
22. If this unit is not fired on PUC-regulated natural gas, the sulfur content of each natural gas fuel source shall be tested weekly to determine compliance with the fuel sulfur content limit. Upon the completion of eight consecutive weekly tests that demonstrate compliance with the fuel sulfur content limit, the sulfur content testing may be conducted on a monthly schedule. If any test shows non-compliance with the fuel sulfur content limit while on a monthly testing schedule, the testing schedule shall return to weekly testing until eight consecutive weeks demonstrate compliance with the fuel sulfur content limit. [District Rule 2201 and 40 CFR 60.334(h)(3)] Federally Enforceable Through Title V Permit
23. If this unit is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the turbine shall be determined using ASTM method D 1072, D 4084 or D 3246. [40 CFR 60.335(d)] Federally Enforceable Through Title V Permit
24. If this unit is fired on PUC-regulated natural gas, then the owner or operator shall maintain copies of the natural gas bills on file. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
25. Ammonia shall be injected whenever the selective catalytic reduction system catalyst temperature exceeds the minimum ammonia injection temperature recommended by the manufacturer. [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.

26. During initial performance testing, the ammonia injection rate shall be monitored concurrently with each testing run to establish acceptable values and ranges that provide a reasonable assurance of ongoing compliance with the emissions limitations stated in this permit. The minimum ammonia injection rate(s) demonstrated during the initial NOx source test to result in compliance with the NOx emission limits shall be imposed as a condition in the Permit to Operate. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
27. If the ammonia injection rate is less than the minimum ammonia injection rate demonstrated during the initial compliance test, the permittee shall return the ammonia injection rate above the minimum ammonia injection rate established during compliance testing as soon as possible, but no longer than eight hours after detection. If the ammonia injection rate is not returned above the minimum ammonia injection rate established during compliance testing within eight hours, the permittee shall notify the District within the following one hour and conduct a source test within 60 days of the first exceedance to demonstrate compliance with the applicable emission limits at the reduced ammonia injection rate. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must 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 2201 and 4703] Federally Enforceable Through Title V Permit
28. The permittee shall monitor and record the stack concentration of NOx (as NO2), CO, and O2 weekly using a portable emissions monitor that meets District specifications. If compliance with the NOx and CO emissions is demonstrated for eight consecutive weeks, then the monitoring frequency will be reduced to monthly. If deviations are observed in two consecutive months, monitoring shall revert to weekly until eight consecutive weeks show no deviations. 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 one day of restarting the unit unless monitoring has been performed within the last month if on a monthly monitoring schedule, or within the week if on a weekly monitoring schedule. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
29. If the NOx and/or CO concentrations, as measured by the permittee with a portable emissions monitor, exceed the permitted emission limits, the permittee shall notify the District and return the NOx and CO concentrations to the permitted emission limits as soon as possible but no longer than eight hours after detection. If the permittee's portable emission monitor readings continue to exceed the permitted emissions limits after eight hours, the permittee shall notify the District within the following one hour, and conduct a certified source test within 60 days to demonstrate compliance with the permitted emissions limits. In lieu of conducting a source test, the permittee may stipulate that a violation has occurred, subject to enforcement action. The permittee must 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 performing the notification and testing required by this condition. [District Rules 2201 and 4703] Federally Enforceable Through Title V Permit
30. Permittee shall determine and record the ammonia slip monthly using a draeger tube, or equivalent ammonia detection device. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
31. The owner or operator shall submit a report of NOx excess emissions and periods of monitor downtime to the APCO semi-annually, and this report shall be postmarked by the 30th day following the end of each 6-month period. [40 CFR 60.334(j)(5)] Federally Enforceable Through Title V Permit
32. NOx excess emissions shall be defined as any unit operating hour for which the average water to fuel injection rate, as measured by the continuous monitoring system, falls below the water to fuel ratio specified in this permit, including during startup and shutdown. NOx excess emissions shall also be defined as any 4-hour rolling unit operating hour in which the average ammonia injection rate falls below the minimum ammonia injection rate(s) specified in this permit, not including startup or shutdown. NOx monitor downtime shall be defined as any operating hour during which the water to fuel ratio or ammonia injection rate is either not recorded or is invalid. [40 CFR 60.334(j)(1)] Federally Enforceable Through Title V Permit
33. Permittee shall maintain daily records of the occurrence and duration of each startup or shutdown and the total cumulative duration of all startups and shutdowns. [District Rule 4703] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

34. 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, type and quantity of fuel used. [District Rule 4703 and 40 CFR 60.332(a) and (b)] Federally Enforceable Through Title V Permit
35. The owner or operator of the stationary gas turbine system shall maintain records of the following: (1) Water to fuel injection continuous monitoring system measurements, (2) Ammonia injection rate monitoring system measurements, and (3) Periodic NOx, CO, and O2 portable emissions monitor measurements. [District Rules 2201 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
36. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 2520 and 4703] Federally Enforceable Through Title V Permit
37. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: San Joaquin County Rule 108.1 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
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: San Joaquin Country Rule 407 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
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: 40 CFR 60.7(b); District Rule 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-238-19-7

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

ONE 12,000 GALLON ABOVE GROUND SALT SLURRY STORAGE TANK

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. Visible emissions from the sock filter serving the vent of the salt storage tank 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
3. A spare sock filter shall be kept on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The quantity of salt received shall not exceed 60,000 pounds during any one day and shall not exceed 120,000 pounds during any one month. [District Rule 2201] Federally Enforceable Through Title V Permit
5. PM10 emission rate shall not exceed 0.003 pounds per ton of salt received. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A minimum of 7.7 gpm of water shall be added during transfer of the salt from the trucks to the storage tank. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The sock filter 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, 9.3.2] Federally Enforceable Through Title V Permit
8. The permittee shall maintain a daily record of the date and quantity of salt received. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall maintain records of the sock filter maintenance, inspections and repair. 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, 9.4.2] Federally Enforceable Through Title V Permit
10. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-238-24-7

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

FIRST GRIND OVERFLOW TANK SERVED BY A PPC INDUSTRIES MODEL 616PFG SOX SCRUBBER AND A BIOTON MODEL 2-2-34 BIOFILTER (THE CONTROL EQUIPMENT ALSO SERVES N-238-33)

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. Each scrubber shall have an operational differential pressure gauge. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Each scrubber liquid supply (at inlet to scrubber) shall have an operational flow meter. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The scrubber sprays and/or nozzles shall be strictly maintained in optimum working condition. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
5. A minimum liquid to gas ratio of 4 gpm per 1,000 cfm shall be provided for each scrubber. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. If the liquid to gas ratio of the scrubber is less than 4 gpm per 1,000 cfm during operation, the permittee shall correct the liquid to gas ratio to a minimum of 4 gpm per 1,000 cfm as soon as possible, but no longer than 1 hour of operation after detection. If the liquid to gas ratio continues to be less than 4 gpm per 1,000 cfm after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. [40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The emissions from this unit shall be ducted to the control devices at all times that the equipment is in operation except for SOx scrubber and biofilter maintenance or a complete biofilter bed change out. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Except for SOx scrubber and biofilter maintenance, or a complete biofilter bed change out, the combined SOx emissions from the equipment operating under Permits to Operate N-238-33 and N-238-24 shall not exceed 1.25 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Except for SOx scrubber and biofilter maintenance, or a complete biofilter bed change out, the combined VOC emissions from the equipment operating under Permits to Operate N-238-33 and N-238-24 shall not exceed 0.33 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The exhaust gases may be bypassed through the bypass duct prior to the SOx scrubber in the event of SOx scrubber or biofilter maintenance, or for complete biofilter bed change out. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The exhaust gases may be bypassed for a period not to exceed 200 hours per year for maintenance of the SOx scrubber or the biofilter. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The exhaust gases may be bypassed for a period not to exceed 340 hours per year for the complete biofilter bed change out. [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.

13. During operation the biofilter temperature shall not exceed 110 degrees F and shall not be less than 60 degrees F. [40 CFR part 64] Federally Enforceable Through Title V Permit
14. The temperature of the air flow through the biofilter media shall be monitored daily during operation. [40 CFR part 64] Federally Enforceable Through Title V Permit
15. The temperature gauge (probe) monitoring the air flow through the biofilter media shall be maintained per manufacturer's recommendations. [40 CFR part 64] Federally Enforceable Through Title V Permit
16. Biofilter shall be thoroughly inspected annually for biofilter media deterioration, and shall be replaced or repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. Records of the SOx scrubber liquid flow rate shall be observed and recorded daily during operation of this unit. 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, 9.4.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
18. Records of the biofilter temperature shall be observed and recorded daily, during operation of this unit. 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, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
19. Records shall be kept indicating the date and time and duration of time maintenance was performed such that the exhaust gases were bypassed from the SOx scrubber and the biofilter or when a complete biofilter bed change out was performed. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7 for the scrubbers. [40 CFR Part 64] Federally Enforceable Through Title V Permit
21. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9 for the scrubbers. [40 CFR Part 64] Federally Enforceable Through Title V Permit
22. If the District or EPA determines per 40 CFR 64.7(d)(2) that a Quality Improvement Plan is required, the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit
23. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2 and 40 CFR part 64] 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: N-238-25-5

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

GLUTEN DEWATERING FILTER AND VACUUM SYSTEMS WITH A SOX SCRUBBER ON THE EXHAUST STREAM

PERMIT UNIT REQUIREMENTS

1. The scrubber sprays and/or nozzles shall be strictly maintained in optimum working condition. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The pH of the scrubbing liquid shall be maintained at 6.5 or greater with a purge flow rate of 6.0 gallons per minute. A continuous monitoring device shall be installed and maintained to measure the pH of the scrubbing liquid. [District Rule 2201] Federally Enforceable Through Title V Permit
3. A minimum liquid to gas ratio of 17.7 gpm per 1,000 cfm shall be provided for this scrubber or the liquid recirculation rate shall be at least 230 gpm for sufficient contact. [District Rule 2201] Federally Enforceable Through Title V Permit
4. A liquid flow meter to monitor the liquid recirculation flow rate shall be installed and maintained in proper working order. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The SOx emissions shall not exceed 0.146 pounds per hour while the exhaust gases are passed through the SOx scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The SOx emissions shall not exceed 0.250 pounds per hour while the exhaust gases are bypassed from the SOx scrubber during scrubber maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The VOC emissions shall not exceed 2.083 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The exhaust gases may be bypassed around the SOx scrubber in the event of SOx scrubber maintenance for a period not to exceed 48 hours per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Liquid flow meter shall be observed and recorded weekly during operation of this unit. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Records shall be kept indicating the date and time and duration of time maintenance was performed such that the exhaust gases were bypassed around the SOx scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Records of the SOx scrubber liquid flow rate shall be observed and recorded weekly during operation of this unit. 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, 9.4.2] Federally Enforceable Through Title V Permit
12. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2] 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: N-238-29-4

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

SULFUROUS ACID PLANT CONSISTING OF: AN ELEMENTAL SULFUR BURNER AND TWO ABSORBERS VENTED TO A LUNDBERG SCRUBBER WITH A MIST ELIMINATOR; TWELVE STEEP TANKS (69,000 GAL. EACH) AND ONE DRAW TANK VENTED TO THE LINDBERG SCRUBBER SERVING THE ACID PLANT

PERMIT UNIT REQUIREMENTS

1. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The scrubber and the scrubber fluid shall be maintained such that the scrubber provides at least 99% control of the SO₂ emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The mist eliminator shall be properly maintained and must be operating during the sulfurous acid production process. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The sulfur dioxide (SO₂) emissions concentration shall not exceed 0.7 pounds per ton of elemental sulfur burned in the sulfur burner. [District Rule 2201] Federally Enforceable Through Title V Permit
5. No more than 6,000 pounds of elemental sulfur shall be burned in the sulfur burner during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801] Federally Enforceable Through Title V Permit
7. Records of the daily amount of elemental sulfur burned shall be kept on the premises. Records shall be maintained for a period of at least five years and shall be made available for District inspection upon request. [District Rules 2201 and 2520, 9.4.2] 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: N-238-30-3

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

SODA ASH RECEIVING AND STORAGE WITH ONE (1) 60,000 GALLON STORAGE TANK SERVED BY A DUCON MULTIVANE WET SCRUBBER (TYPE L, SIZE 18).

PERMIT UNIT REQUIREMENTS

1. There shall be no visible emissions from the scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The scrubber shall have operational differential pressure indicator. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District Rule 2201] Federally Enforceable Through Title V Permit
4. All emissions from soda ash slurry storage tank shall be vented through the scrubber. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The PM10 emission concentration shall not exceed 0.002 lbs per ton of material received. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The maximum amount of material received shall not exceed 54 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Daily records of the amount of material received shall be maintained, retained on the premises for a minimum of five years, and made available for District inspection upon request. [District Rules 2201 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
8. Records of the PM10 scrubber pressure differential shall be observed and recorded weekly during soda ash unloading. 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, 9.4.2] 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: N-238-33-5

EXPIRATION DATE: 03/31/2019

EQUIPMENT DESCRIPTION:

GLUTEN PROCESSING OPERATION CONSISTING OF GLUTEN DRYER (DAVENPORT MODEL RSTD), A GLUTEN CONDITIONER, AND ASSOCIATED CONVEYING SYSTEM. THE GLUTEN CONDITIONER IS VENTED TO THE GLUTEN DRYER WHICH IS SERVED BY A CYCLONE FOLLOWED BY A PARTICULATE MATTER SCRUBBER, A PPC INDUSTRIES MODEL 616PFG SOX SCRUBBER, AND A BIOTON MODEL 2-2-34 BIOFILTER (THE SOX & VOC CONTROLS ARE SHARED WITH PERMIT N-238-24)

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. Each scrubber shall have an operational differential pressure gauge. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Each scrubber liquid supply (at inlet to scrubber) shall have an operational flow meter. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The scrubber sprays and/or nozzles shall be strictly maintained in optimum working condition. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
5. A minimum liquid to gas ratio of 4 gpm per 1,000 cfm shall be provided for each scrubber. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. If the liquid to gas ratio of the scrubber is less than 4 gpm per 1,000 cfm during operation, the permittee shall correct the liquid to gas ratio to a minimum of 4 gpm per 1,000 cfm as soon as possible, but no longer than 1 hour of operation after detection. If the liquid to gas ratio continues to be less than 4 gpm per 1,000 cfm after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. [40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The emissions from this unit shall be ducted to the control devices at all times that the equipment is in operation except for SOx scrubber and biofilter maintenance or a complete biofilter bed change out. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Except for SOx scrubber and biofilter maintenance, or a complete biofilter bed change out, the combined SOx emissions from the equipment operating under Permits to Operate N-238-33 and N-238-24 shall not exceed 1.25 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Except for SOx scrubber and biofilter maintenance, or a complete biofilter bed change out, the combined VOC emissions from the equipment operating under Permits to Operate N-238-33 and N-238-24 shall not exceed 0.33 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
10. PM10 emissions shall not exceed 1.04 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The exhaust gases may be bypassed through the bypass duct after the particulate scrubber and prior to the SOx scrubber in the event of SOx scrubber or biofilter maintenance, or for complete biofilter bed change out. [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.

12. The exhaust gases may be bypassed for a period not to exceed 200 hours per year for maintenance of the SOx scrubber or the biofilter. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The exhaust gases may be bypassed for a period not to exceed 340 hours per year for the complete biofilter bed change out. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown). [District Rule 1100]
15. During operation the biofilter temperature shall not exceed 110 degrees F and shall not be less than 60 degrees F. [40 CFR part 64] Federally Enforceable Through Title V Permit
16. The temperature of the air flow through the biofilter media shall be monitored daily during operation. [40 CFR part 64] Federally Enforceable Through Title V Permit
17. The temperature gauge (probe) monitoring the air flow through the biofilter media shall be maintained per manufacturer's recommendations. [40 CFR part 64] Federally Enforceable Through Title V Permit
18. Biofilter shall be thoroughly inspected annually for biofilter media deterioration and shall be replaced or repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. Records shall be kept indicating the date and time and duration of time maintenance was performed such that the exhaust gases were bypassed from the SOx scrubber and the biofilter or when a complete biofilter bed change out was performed. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Records of the SOx scrubber liquid flow rate shall be observed and recorded daily during operation of this unit. 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, 9.4.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
21. Records of the PM10 particulate scrubber liquid flow rate shall be observed and recorded daily during operation of this unit. 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, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
22. Records of the biofilter temperature shall be observed and recorded daily, during operation of this unit. 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, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
23. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7 for the scrubbers. [40 CFR Part 64] Federally Enforceable Through Title V Permit
24. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9 for the scrubbers. [40 CF Part 64] Federally Enforceable Through Title V Permit
25. If the District or EPA determines per 40 CFR 64.7(d)(2) that a Quality Improvement Plan is required, the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit
26. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit

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