

December 7, 2021

Mr. Dana Horne  
California Dairies, Inc  
PO Box 11865  
Fresno, CA 93775

**Re: Notice of Final Action - Title V Permit Renewal**  
**Facility Number: C-402**  
**Project Number: C-1202620**

Dear Mr. Horne:

The District has issued the Final Renewed Title V Permit for California Dairies, Inc (see enclosure). The preliminary decision for this project was made on October 15, 2021.

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

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

Sincerely,



Brian Clements  
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email  
cc: Laura Yannayon, EPA (w/enclosure) via EPS

**Samir Sheikh**  
Executive Director/Air Pollution Control Officer

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

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

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

# Permit to Operate

**FACILITY:** C-402

**EXPIRATION DATE:** 01/31/2025

**LEGAL OWNER OR OPERATOR:** CALIFORNIA DAIRIES, INC.  
**MAILING ADDRESS:** PO BOX 11865  
FRESNO, CA 93775-1865

**FACILITY LOCATION:** 755 F ST  
FRESNO, CA 93706-3415

**FACILITY DESCRIPTION:** MILK PROCESSING

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

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

**Samir Sheikh**  
Executive Director / APCO

**Brian Clements**  
Director of Permit Services

# *San Joaquin Valley*

## *Air Pollution Control District*

**FACILITY:** C-402-0-3

**EXPIRATION DATE:** 01/31/2025

### **FACILITY-WIDE REQUIREMENTS**

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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 (12/18/14). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

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, markets, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 2 of District Rule 4601 (4/16/20), and shall comply with Table 1 and Table 2 effective on and after 1/1/22 of District Rule 4601 (4/16/20) 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 (4/16/20) 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 (4/16/20). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

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

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
40. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
41. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin August 1 of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-2-7

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

28.0 MMBTU/HR NATURAL GAS/LPG FIRED DAMROW COMPANY MODEL CCT-85-20X40 TOWER DRYER WITH A MAXON RC-NP-1 BURNER SERVED BY TWO DUSTEX MODEL 3610-14-34 DUST COLLECTORS

### **PERMIT UNIT REQUIREMENTS**

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1. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Each dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Each dust collector shall be equipped with an operational pressure differential gauge, mounted in an accessible location, which indicates the pressure drop across the bags. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
4. Visible emissions from each dust collector serving the milk dryer shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 4101 and 2201] Federally Enforceable Through Title V Permit
5. Each dust collector shall operate at all times with a minimum differential pressure of 0.0 inches water column and a maximum differential pressure of 5.0 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. The Damrow Tower dryer shall be fired solely on natural gas or LPG. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
7. Dry milk powder production for this dryer shall not exceed a total of 120.0 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions from the Dustex dust collectors serving the Damrow Tower dryer shall not exceed 0.344 lb-PM10/ton of dry milk powder. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Emissions from the natural gas and LPG/propane-fired unit shall not exceed any of the following limits: 5.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> (equivalent to 0.0606 lb-NO<sub>x</sub>/MMBtu), 0.003 lb-SO<sub>x</sub>/MMBtu, 11 ppmvd CO @ 19% O<sub>2</sub> (equivalent to 0.0764 lb-CO/MMBtu), or 0.11 lb-VOC/MMBtu. If measured O<sub>2</sub> concentration is greater than 19%, the corrected NO<sub>x</sub> or CO concentration is equal to the measured NO<sub>x</sub> or CO concentration. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
10. 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
11. Source testing to measure NO<sub>x</sub> and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months. [District Rules 2201 and 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.

12. Source testing to measure PM10 emissions (measured as lb-PM10/ton processed) from the Dustex dust collectors serving the Damrow Tower dryer shall be conducted on an annually basis. [District Rule 1081] Federally Enforceable Through Title V Permit
13. 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
14. 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
15. 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
16. 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
17. Source testing to measure concentrations of PM10 shall be conducted using EPA Method 201 and EPA Method 202, or EPA Method 201a and EPA Method 202, or CARB Method 501 in combination with Method 5. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rule 1081] Federally Enforceable Through Title V Permit
18. 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
19. 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
20. All test results for NOx 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
21. 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. 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
22. 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 performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
23. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



24. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub> (or no correction if measured above 19% O<sub>2</sub>), (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
25. The permittee shall monitor and record the differential operating pressure for each dust collector on each day that each dust collector operates. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The permittee shall maintain records of all maintenance of each dust collector, including all change outs of filter media. [District Rule 2201] Federally Enforceable Through Title V Permit
27. The permittee shall maintain a record of the milk powder production from this operation, in tons/day. [District Rule 1070 and Fresno County Rule 107] Federally Enforceable Through Title V Permit
28. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309 and Fresno County Rule 107] Federally Enforceable Through Title V Permit
29. During each day of operation, the permittee shall record the differential pressure of each dust collector and compare the readings with the permitted range. If the differential pressure for each dust collector falls outside the permitted range, the permittee shall take all necessary steps to return the differential pressure for each dust collector to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to within the permitted range. [40 CFR Part 64] Federally Enforceable Through Title V Permit
30. For the Dustex model 3610-14-34 dust collectors, 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
31. For the Dustex model 3610-14-34 dust collectors, 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
32. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2) for the Dustex model 3610-14-34 dust collectors, 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
33. 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. [40 CFR Part 64] Federally Enforceable Through Title V Permit
34. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [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:** C-402-4-6

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

61.0 MMBTU/HR CLEAVER BROOKS BOILER EQUIPPED WITH NATURAL GAS OR PROPANE-AIRMIX-FIRED NATCOM HYPER-MIX MODEL P-61-G-26-1519 ULTRA LOW-NOX BURNER AND FLUE GAS RECIRCULATION (FGR) SYSTEM

### **PERMIT UNIT REQUIREMENTS**

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1. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320] Federally Enforceable Through Title V Permit
2. The boiler shall be fired only on PUC-quality natural gas or propane as a backup fuel. [District Rules 2201, 2520, and 4320] Federally Enforceable Through Title V Permit
3. This boiler shall only be fired on propane during natural gas curtailment for no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
4. Emissions shall not exceed any of the following levels: 0.0109 lb NOx/MMBtu, (or 9 ppmvd NOx at 3% O2), 0.0042 lb VOC/MMBtu (or 10 ppmvd VOC at 3% O2) , 0.00285 lb SOx/MMBtu, 0.037 lb CO/MMBtu (or 50 ppmvd CO at 3% O2), or 0.0076 lb PM10/MMBtu. [District Rules 2201, 4306, and 4320] Federally Enforceable Through Title V Permit
5. Annual emissions from this unit shall not exceed any of the following limits: 5,825 lb NOx/yr, 1,630 lb SOx/yr, 4061 lb PM10/yr, 19,771 lb CO/yr, or 2,244 lb VOC/yr. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Source testing to demonstrate compliance with NOx and CO limitations shall be conducted as required by District Rule 4305. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
7. Source testing to demonstrate compliance with NOx and CO emission limits shall be conducted not less than once every 12 months. Upon demonstrating compliance on two consecutive source tests, the following source test may be deferred for up to thirty-six months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
8. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
9. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
10. 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 4320. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
12. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
13. Source testing to measure concentrations of oxides of nitrogen (as NO<sub>2</sub>) shall be conducted using EPA method 7E or CARB method 100. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
14. Source testing to measure concentrations of carbon monoxide (CO) shall be conducted using EPA method 10 or CARB method 100. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
15. Source testing to measure the stack gas oxygen shall be conducted using EPA methods 3 or 3A, or CARB method 100. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
16. Fuel sulfur content shall be determined using EPA Method 11 or Method 15. [District Rule 4320] Federally Enforceable Through Title V Permit
17. The permittee shall monitor and record the stack concentration of NO<sub>x</sub> (as NO<sub>2</sub>), CO, and O<sub>2</sub> at least once every month using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 1 day of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
18. If the NO<sub>x</sub> and/or CO concentrations corrected to 3% O<sub>2</sub>, 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 performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. If the unit is fired on propane for a period exceeding 48 cumulative hours in a calendar year, the permittee shall monitor and record the stack concentration of NO<sub>x</sub> at least once during that year using an APCO approved portable NO<sub>x</sub> analyzer. Monitoring for propane fuel combustion NO<sub>x</sub> emissions shall not be required when the unit is operating on primary fuel, i.e. the unit need not be fired on propane fuel solely to perform monitoring. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
20. Propane fuel combustion NO<sub>x</sub> 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
21. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 3% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
22. If the unit is fired on propane fuel during a PUC-quality natural gas curtailment period, the permittee shall maintain records of: (1) the sulfur content of the fuel, (2) the amount of fuel used, and (3) the duration of the natural gas curtailment period. [District Rule 4320] 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.

23. The permittee shall maintain a non-resettable, totalizing mass or volumetric flow meter in the fuel line of the unit to monitor annual propane fuel usage or shall monitor annual propane fuel usage from utility service meters, purchase or tank fill records, or other acceptable method, as approved by the APCO. [District Rule 2201] Federally Enforceable Through Title V Permit
24. The permittee shall determine the sulfur content of combusted gas annually and shall maintain records of the fuel sulfur content or shall maintain records of fuel purchase contracts, supplier certifications, tariff sheets, or transportation contracts demonstrating that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081, 2520, and 4320] Federally Enforceable Through Title V Permit
25. Determination of total sulfur as hydrogen sulfide (H<sub>2</sub>S) content shall be determined by EPA Method 11 or EPA Method 15, as appropriate. [District Rule 2520] Federally Enforceable Through Title V Permit
26. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall maintain records of all equipment maintenance. [District Rule 2520] Federally Enforceable Through Title V Permit
27. The permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4320] Federally Enforceable Through Title V Permit
28. The permittee shall maintain records of the cumulative annual hours of operation on propane fuel and indicate the purpose for operation on propane fuel (i.e. natural gas curtailment, testing, maintenance, etc.). [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
29. All required records shall be retained on the premises for a minimum of 5 years and shall be made available for District inspection upon request. [District Rules 2201, 4306, and 4320] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-5-9

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

20.0 MMBTU/HR NATURAL GAS/LPG FIRED MARRIOT-WALKER MODEL 60-24-12 MILK SPRAY DRYER SERVED BY A MARRIOT WALKER BAGHOUSE

### **PERMIT UNIT REQUIREMENTS**

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1. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, normal source testing shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
7. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The baghouse shall be equipped with an operational pressure differential gauge, mounted in an accessible location, which indicates the pressure drop across the bags. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
10. The permittee shall operate a nonresettable elapsed operating time meter. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Visible emissions from the baghouse serving the milk dryer shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 4101 and 2201] Federally Enforceable Through Title V Permit
12. The baghouse shall operate at all times with a minimum differential pressure of 0.25 inches water column and a maximum differential pressure of 10.0 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
13. The Marriot-Walker dryer shall be fired solely on natural gas or LPG. [District Rules 2201 and 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.

14. The operating schedule of this milk spray dryer shall not exceed 6,760 hours per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Dry milk powder production for this dryer shall not exceed a total of 90.0 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM10 emissions from the Marriot-Walker Milk Spray Dryer shall not exceed 0.606 lb-PM10/ton of dry milk powder. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Emissions from the natural gas and LPG/propane-fired unit shall not exceed any of the following limits: 5.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> (equivalent to 0.0606 lb-NO<sub>x</sub>/MMBtu), 0.003 lb-SO<sub>x</sub>/MMBtu, 42 ppmvd CO @ 19% O<sub>2</sub> (equivalent to 0.29 lb-CO/MMBtu), or 0.0046 lb-VOC/MMBtu. If measured O<sub>2</sub> concentration is greater than 19%, the corrected NO<sub>x</sub> or CO concentration is equal to the measured NO<sub>x</sub> or CO concentration. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
18. 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
19. Source testing to measure NO<sub>x</sub> and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
20. Source testing to measure PM10 emissions (measured as lb-PM10/ton processed) from the baghouse serving the Marriot-Walker Milk Spray Dryer shall be conducted on an annually basis. [District Rule 1081] Federally Enforceable Through Title V Permit
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
22. NO<sub>x</sub> 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
23. 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
24. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
25. Source testing to measure concentrations of PM10 shall be conducted using EPA Method 201 and EPA Method 202, or EPA Method 201a and EPA Method 202, or CARB Method 501 in combination with Method 5. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rule 1081] Federally Enforceable Through Title V Permit
26. 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
27. 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
28. All test results for NO<sub>x</sub> and CO shall be reported in ppmv @ 19% O<sub>2</sub> (or no correction if measured above 19% O<sub>2</sub>), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
29. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District 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.

30. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub> (or no correction if measured above 19% O<sub>2</sub>), 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 performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
31. 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
32. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub> (or no correction if measured above 19% O<sub>2</sub>), (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
33. The permittee shall monitor and record differential operating pressure of the baghouse on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
34. The permittee shall maintain records of annual hours of operation of the unit. [District Rule 2201] Federally Enforceable Through Title V Permit
35. The permittee shall records of all maintenance of the baghouse, including all change outs of filter media. [District Rule 2201] Federally Enforceable Through Title V Permit
36. The permittee shall maintain a record of the milk powder production from this operation, in tons/day. [District Rule 1070 and Fresno County Rule 107] Federally Enforceable Through Title V Permit
37. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309, and Fresno County Rule 107] Federally Enforceable Through Title V Permit
38. During each day of operation, the permittee shall record the differential pressure of the baghouses and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to with the permitted range. [40 CFR Part 64] Federally Enforceable Through Title V Permit
39. For the Marriot-Walker baghouse, 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
40. For the Marriot-Walker baghouse, 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
41. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2) for the Marriot-Walker baghouses, 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

42. The permittee shall maintain records of baghouse 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. [40 CFR Part 64] Federally Enforceable Through Title V Permit
43. Visible emissions from the baghouse shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [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:** C-402-6-9

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

20.0 MMBTU/HR NATURAL GAS/LPG FIRED NIRO ATOMIZER MODEL 1000 COMPACT DRYER WITH A MAXON RG-NP-1 BURNER SERVED BY TWO BAGHOUSES

### **PERMIT UNIT REQUIREMENTS**

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1. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Each baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Each baghouse shall be equipped with an operational pressure differential gauge, mounted in an accessible location, which indicates the pressure drop across the bags. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
4. Visible emissions from each baghouse serving the milk dryer shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 4101 and 2201] Federally Enforceable Through Title V Permit
5. Each baghouse shall operate at all times with a minimum differential pressure of 0.25 inches water column and a maximum differential pressure of 10.0 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. The Niro Atomizer dryer shall be fired solely on natural gas or LPG. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
7. Dry milk powder production for this dryer shall not exceed a total of 144.0 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions from the Niro Atomizer Dryer shall not exceed 0.309 lb-PM10/ton of dry milk powder. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Emissions from the natural gas and LPG/propane-fired unit shall not exceed any of the following limits: 5.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> (equivalent to 0.0606 lb-NO<sub>x</sub>/MMBtu), 0.003 lb-SO<sub>x</sub>/MMBtu, 22 ppmvd CO @ 19% O<sub>2</sub> (equivalent to 0.1525 lb-CO/MMBtu), or 0.033 lb-VOC/MMBtu. If measured O<sub>2</sub> concentration is greater than 19%, the corrected NO<sub>x</sub> or CO concentration is equal to the measured NO<sub>x</sub> or CO concentration. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
10. 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
11. Source testing to measure NO<sub>x</sub> and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months. [District Rules 2201 and 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.

12. Source testing to measure PM10 emissions (measured as lb-PM10/ton processed) from the two baghouses serving the Niro Atomizer dryer shall be conducted on an annual basis. [District Rule 1081] Federally Enforceable Through Title V Permit
13. 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
14. 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
15. 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
16. 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
17. Source testing to measure concentrations of PM10 shall be conducted using EPA Method 201 and EPA Method 202, or EPA Method 201a and EPA Method 202, or CARB Method 501 in combination with Method 5. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rule 1081] Federally Enforceable Through Title V Permit
18. 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
19. 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
20. All test results for NOx 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
21. 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. 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
22. 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 performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
23. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub> (or no correction if measured above 19% O<sub>2</sub>), (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
25. The permittee shall monitor and record the differential operating pressure for each baghouse on each day that each baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
26. The permittee shall maintain records of all maintenance of the baghouse, including all change outs of filter media. [District Rule 2201] Federally Enforceable Through Title V Permit
27. The permittee shall maintain a record of the milk powder production from this operation, in tons/day. [District Rule 1070 and Fresno County Rule 107] Federally Enforceable Through Title V Permit
28. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309, and Fresno County Rule 107] Federally Enforceable Through Title V Permit
29. During each day of operation, the permittee shall record the differential pressure of each baghouses and compare the readings with the permitted range. If the differential pressure of each baghouse falls outside the permitted range, the permittee shall take all necessary steps to return the differential pressure of each baghouse to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to with the permitted range. [40 CFR Part 64] Federally Enforceable Through Title V Permit
30. For each baghouse, 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
31. For each baghouse, 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
32. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2) for the baghouses, 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
33. The permittee shall maintain records of dust collector 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. [40 CFR Part 64] Federally Enforceable Through Title V Permit
34. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [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:** C-402-10-4

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

67.0 MMBTU/HR CLEAVER BROOKS MODEL DL-60 NATURAL GAS-FIRED BOILER WITH PROPANE AS A BACK-UP FUEL WITH TODD DRMB ULTRA LOW-NOX BURNER AND INDUCED FLUE GAS RECIRCULATION (FGR) SYSTEM WITH O2 CONTROLLER

### **PERMIT UNIT REQUIREMENTS**

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1. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall maintain records of all equipment maintenance. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
3. The District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown). [District Rule 1100] Federally Enforceable Through Title V Permit
4. The boiler shall be fired only on PUC-quality natural gas or propane as a backup fuel. [District Rules 2201, 2520, and 4320] Federally Enforceable Through Title V Permit
5. This boiler shall only be fired on propane during natural gas curtailment for no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
6. The flue gas recirculation (FGR) system shall be operated in accordance with the manufacturer's specifications whenever the boiler is operating. A copy of the specifications shall be retained on site and made available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The acceptable range for readings of the variable-speed drive controlling the flue gas recirculation fan shall be established by correlating drive readings and emissions from this unit during the startup source test. This correlation shall be posted by the drive readout. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
8. Emissions shall not exceed any of the following: 9 ppmv NOx @ 3% O2 (0.011 lb NOx/MMBtu), 34 ppmv CO @ 3% O2 (0.0253 lb CO/MMBtu), 0.013 lb PM10/MMBtu, 0.0006 lb SOx/MMBtu, or 0.006 lb VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
9. The variable speed FGR fan readings shall be inspected at least on a daily basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
10. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
11. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] 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 source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
13. 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 4320. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
14. Source testing to measure natural gas-combustion NO<sub>x</sub> and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
15. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
16. Source testing to measure CO emissions (ppmv) shall be conducted using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
17. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
18. Fuel sulfur content shall be determined using EPA Method 11 or Method 15. [District Rule 4320] Federally Enforceable Through Title V Permit
19. 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
20. The permittee shall maintain records of the date and time of the flue gas recirculation fan readings. The records must also include a description of any corrective action taken to maintain the flue gas recirculation fan reading to within the acceptable rate. These records shall be retained at the facility for a period of no less than 2 years and shall be made available for District inspection on request. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. If the FGR fan reading deviates from the acceptable range, the permittee shall notify the District and take corrective action with one (1) hour of detection. If the flue gas recirculation fan readings are not corrected promptly, the permittee shall conduct an emissions test within 60 days, utilizing District-approved test methods, to demonstrate compliance with the applicable emissions limits at the observed flue gas recirculation fan readings. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
22. If the unit is fired on propane for a period exceeding 48 cumulative hours in a calendar year, the permittee shall monitor and record the stack concentration of NO<sub>x</sub> at least once during that year using an APCO approved portable NO<sub>x</sub> analyzer. Monitoring for propane fuel combustion NO<sub>x</sub> emissions shall not be required when the unit is operating on primary fuel, i.e. the unit need not be fired on propane fuel solely to perform monitoring. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
23. Propane fuel combustion NO<sub>x</sub> 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 readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320] 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.

24. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 3% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
25. If the unit is fired on propane fuel during a PUC-quality natural gas curtailment period, the permittee shall maintain records of: (1) the sulfur content of the fuel, (2) the amount of fuel used, and (3) the duration of the natural gas curtailment period. [District Rule 4320] Federally Enforceable Through Title V Permit
26. The permittee shall determine the sulfur content of combusted gas annually and shall maintain records of the fuel sulfur content or shall maintain records of fuel purchase contracts, supplier certifications, tariff sheets, or transportation contracts demonstrating that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081, 2520, and 4320] Federally Enforceable Through Title V Permit
27. Determination of total sulfur as hydrogen sulfide (H<sub>2</sub>S) content shall be determined by EPA Method 11 or EPA Method 15, as appropriate. [District Rule 2520] Federally Enforceable Through Title V Permit
28. The permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4320] Federally Enforceable Through Title V Permit
29. The permittee shall maintain records of the cumulative annual hours of operation on propane fuel and indicate the purpose for operation on propane fuel (i.e. natural gas curtailment, testing, maintenance, etc.). [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
30. The permittee shall record and maintain records of the amount of fuel combusted during each operating day. [40 CFR 60.48c(g)(1)] Federally Enforceable Through Title V Permit
31. All required records shall be retained on the premises for a minimum of 5 years and shall be made available for District inspection upon request. [District Rules 2201, 4306, and 4320] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-11-3

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

2,220 BHP (INTERMITTENT) CUMMINS MODEL KTA50-G9 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE  
POWERING AN ELECTRICAL GENERATOR

### **PERMIT UNIT REQUIREMENTS**

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1. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 17 CCR 93115, and 40 CFR 63.6625 (f)] Federally Enforceable Through Title V Permit
2. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702] Federally Enforceable Through Title V Permit
3. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 16 hours per year. [District Rules 2201 and 4702, and 40 CFR 63.6640 (f)(ii)] Federally Enforceable Through Title V Permit
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115] Federally Enforceable Through Title V Permit
5. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702] Federally Enforceable Through Title V Permit
6. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702, 17 CCR 93115, and 40 CFR 63.6655(a)(2) and (a)(5)] Federally Enforceable Through Title V Permit
7. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
8. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
9. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

10. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
12. NOx emissions shall not exceed 5.4 g/hp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
13. PM10 emissions shall not exceed 0.2 g/hp-hr. [District Rule 4201] Federally Enforceable Through Title V Permit
14. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 17 CCR 93115, and 40 CFR 63.6660] Federally Enforceable Through Title V Permit
15. The permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6625(h)] Federally Enforceable Through Title V Permit
16. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63.6585 and 63.6595 (a)] Federally Enforceable Through Title V Permit
17. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63.6603 and 63.6640 Table 2d, Row 4.a] Federally Enforceable Through Title V Permit
18. The owner or operator has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2d to this subpart. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR Part 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
19. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63.6603 and 63.6640 Table 2d, Row 4.b] Federally Enforceable Through Title V Permit
20. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63.6603 and 63.6640 Table 2d, Row 4.c] Federally Enforceable Through Title V Permit
21. The permittee shall keep records of the maintenance conducted on the engine. [40 CFR 63.6655(e)] Federally Enforceable Through Title V Permit

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



# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-13-3

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

START-UP HOPPER SERVED BY AN 18,900 CFM DONALDSON TORIT MODEL DFT 3-24 DUST COLLECTOR

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from the dust collector serving the start up hopper operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour [District Rule 2201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The dust collector shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement filters numbering at least 10% of the total number of filters shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. 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
8. The dust collector shall operate at all times with a minimum differential pressure of 0.0 inches water column and a maximum differential pressure of 4.5 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall monitor and record the differential operating pressure on each day that the dust collector operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. PM10 emissions from dust collector shall not exceed 0.073 lb/ton of product bagged. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The maximum amount of product throughput shall not exceed 5.5 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The permittee shall maintain records of all maintenance of the dust collector, including all change outs of filter media. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The permittee shall maintain daily records of the amount of milk powder (in tons) produced. The records shall be retained for at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201, and Fresno County Rule 107] 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. Visible emissions from the source operation shall be evaluated using EPA method 22 once per calendar year. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
15. Annual records of visible emissions monitoring results shall be maintained and retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rule 2520] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-14-4

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

BAGGING OPERATION INCLUDING AN AVAPAC RECEIVER AND A TOTE RECEIVER ALL SERVED BY AN 18,900 CFM DONALDSON TORIT MODEL DFT 3-24 DUST COLLECTOR

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from the dust collector serving the packaging operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The dust collector shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement filters numbering at least 10% of the total number of filters shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. 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
8. The dust collector shall operate at all times with a minimum differential pressure of 1.5 inches water column and a maximum differential pressure of 6.0 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall monitor and record the differential operating pressure on each day that the dust collector operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. PM10 emissions from dust collector shall not exceed 0.003 lb/ton of product bagged. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The total amount of product bagged in bags and totes shall not exceed 318.0 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The permittee shall maintain records of all maintenance of the dust collector, including all change outs of filter media. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The permittee shall maintain daily records of the amount of milk powder (in tons) produced. The records shall be retained for at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201, and Fresno County Rule 107] 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. Visible emissions from the source operation shall be evaluated using EPA method 22 once per calendar year. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520] Federally Enforceable Through Title V Permit
15. Annual records of visible emissions monitoring results shall be maintained and retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rule 2520] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-15-9

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

12,000-GALLON POWDER MILK STORAGE SILO #1 SERVED BY C-402-16'S BIN VENT FILTER AND A PNEUMATIC CONVEYANCE SYSTEM WITH A RECEIVER AND BIN VENT FILTER SHARED WITH PERMIT UNIT C-402-16

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from the sock filter serving the storage silo operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. PM10 emissions the bin vent filters listed under permit C-402-16 shall not exceed 0.012 lb/ton of product transferred to silos C-402-15 and/or '16. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined total PM10 emissions from silos C-402-15, '-16, '-17, '-18 & '-19 shall not exceed 5.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined amount of product transferred to silos C-402-15, '-16, '-17, '-18 & '-19 shall not exceed 475 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The permittee shall maintain daily records of the amount of milk powder (in tons) transferred into the silo. The records shall be retained for at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
7. Visible emissions from the sock filter shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day that silo #1 is loaded. If visible emissions are observed, corrective action shall be taken prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [40 CFR Part 64.3] Federally Enforceable Through Title V Permit
8. Annual records of visible emissions monitoring results shall be maintained and retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rule 2520] Federally Enforceable Through Title V Permit
9. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64.7] Federally Enforceable Through Title V Permit
10. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64.9] Federally Enforceable Through Title V Permit
11. 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 64.8] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-16-9

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

12,000-GALLON POWDER MILK STORAGE SILO #2 SERVED BY BIN VENT FILTER AND A PNEUMATIC CONVEYANCE SYSTEM WITH A RECEIVER AND BIN VENT FILTER SHARED WITH PERMIT UNIT C-402-15

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from the bin vent filter serving the storage silo operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. PM10 emissions from the bin vent filters shall not exceed 0.012 lb/ton of product transferred to silos C-402-15 and/or '16. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined total PM10 emissions from silos C-402-15, '-16, '-17, '-18 & '-19 shall not exceed 5.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined amount of product transferred to silos C-402-15, '-16, '-17, '-18 & '-19 shall not exceed 475 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The permittee shall maintain daily records of the amount of milk powder (in tons) transferred into the silo. The records shall be retained for at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
7. Visible emissions from the bin vent filter shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day that silo #2 is loaded. If visible emissions are observed, corrective action shall be taken prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [40 CFR Part 64.3] Federally Enforceable Through Title V Permit
8. Annual records of visible emissions monitoring results shall be maintained and retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rule 2520] Federally Enforceable Through Title V Permit
9. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64.7] Federally Enforceable Through Title V Permit
10. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64.9] Federally Enforceable Through Title V Permit
11. 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 64.8] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-17-6

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

30,000-GALLON POWDER MILK STORAGE SILO #3 SERVED BY BIN VENT FILTER

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from the bin vent filter serving the storage silo operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. PM10 emissions from bin vent filter shall not exceed 0.012 lb/ton of product transferred to silo. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The total PM10 emissions from silos C-402-15, '-16, '-17, '-18 & '-19 combined shall not exceed 5.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The amount of product transferred to silos C-402-15, '-16, '-17, '-18 & '-19 shall not exceed 475.0 tons combined in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The permittee shall maintain daily records of the amount of milk powder (in tons) transferred into the silo. The records shall be retained for at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201, and Fresno County Rule 107] Federally Enforceable Through Title V Permit
7. Visible emissions from the bin vent filter shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day that silo #3 is loaded. If visible emissions are observed, corrective action shall be taken prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [40 CFR Part 64.3] Federally Enforceable Through Title V Permit
8. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64.7] Federally Enforceable Through Title V Permit
9. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64.9] Federally Enforceable Through Title V Permit
10. 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 64.8] Federally Enforceable Through Title V Permit

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

# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-18-6

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

30,000 GALLON POWDER MILK STORAGE SILO #4 SERVED BY BIN VENT FILTER

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from the bin vent filter serving the storage silo operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. PM10 emissions from sock filter shall not exceed 0.012 lb/ton of product transferred to silo. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The total PM10 emissions from silos C-402-15, '-16, '-17, '-18 & '-19 combined shall not exceed 5.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The amount of product transferred to silos C-402-15, '-16, '-17, '-18 & '-19 shall not exceed 475.0 tons combined in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The permittee shall maintain daily records of the amount of milk powder (in tons) transferred into the silo. The records shall be retained for at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201, and Fresno County Rule 107] Federally Enforceable Through Title V Permit
7. Visible emissions from the bin vent filter shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day that silo #4 is loaded. If visible emissions are observed, corrective action shall be taken prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [40 CFR Part 64.3] Federally Enforceable Through Title V Permit
8. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64.7] Federally Enforceable Through Title V Permit
9. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64.9] Federally Enforceable Through Title V Permit
10. 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 64.8] Federally Enforceable Through Title V Permit

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



# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** C-402-19-6

**EXPIRATION DATE:** 01/31/2025

**EQUIPMENT DESCRIPTION:**

30,000 GALLON POWDER MILK STORAGE SILO #5 SERVED BY BIN VENT FILTER

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from the bin vent filter serving the storage silo operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. PM10 emissions from sock filter shall not exceed 0.012 lb/ton of product transferred to silo. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The total PM10 emissions from silos C-402-15, '-16, '-17, '-18 & '-19 combined shall not exceed 5.7 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The amount of product transferred to silos C-402-15, '-16, '-17, '-18 & '-19 shall not exceed 475.0 tons combined in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The permittee shall maintain daily records of the amount of milk powder (in tons) transferred into the silo. The records shall be retained for at least five years and shall be made available for District inspection upon request. [District Rules 1070 and 2201, and Fresno County Rule 107] Federally Enforceable Through Title V Permit
7. Visible emissions from the bin vent filter shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day that silo #5 is loaded. If visible emissions are observed, corrective action shall be taken prior to further operation of the equipment. Corrective action means that visible emissions are eliminated before operation of the equipment is resumed. [40 CFR Part 64.3] Federally Enforceable Through Title V Permit
8. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64.7] Federally Enforceable Through Title V Permit
9. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64.9] Federally Enforceable Through Title V Permit
10. 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 64.8] Federally Enforceable Through Title V Permit

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