



NOV 05 2013

Sy Le
California Dairies Inc.
2000 N Plaza Dr
Visalia, CA 93291

Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-1346
Project # 1133899

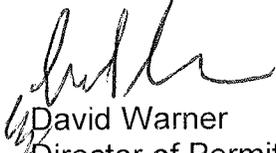
Dear Mr. Le:

The Air Pollution Control Officer has modified the Title V permit for California Dairies Inc. 11894 Avenue 120, Tipton, CA. The project authorizes removal of the quarterly fuel use limit for a 30 MMBtu/hr natural gas-fired spray dryer.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on October 8, 2013. No comments were received following the District's preliminary decision on this project.

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

Sincerely,



David Warner
Director of Permit Services

DW:rue

Enclosures

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

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Executive Director/Air Pollution Control Officer

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

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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1346-4-13

EXPIRATION DATE: 07/31/2013

SECTION: SW17 **TOWNSHIP:** 22S **RANGE:** 25E

EQUIPMENT DESCRIPTION:

30 MMBTU/HR CE ROGERS NATURAL GAS-FIRED VERTICAL SPRAY MILK DRYER MODEL VRS13000 WITH "MAXON" LOW-NOX BURNER, CE ROGERS BAGHOUSE, AND CE ROGERS ENCLOSED SCREEN SIFTER WITH "DEAD-END" BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. Dryer shall be fired on PUC-quality natural gas. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Emission rates shall not exceed any of the following limits: SO_x (as SO₂): 0.001 lb/MMBTU, NO_x (as NO₂): 3.7 ppmv at stack conditions, VOC: 0.003 lb/MMBTU or CO: 30 ppmv at stack conditions. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
3. Emissions for NO_x and CO shall be uncorrected if the measured oxygen exhaust concentration exceeds 19.0% by volume or shall be corrected to 19.0% by volume for units operating at measured O₂ concentrations of 19.0 % by volume or less. [District Rules 2520 and 4309] Federally Enforceable Through Title V Permit
4. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 2520 and 4309] Federally Enforceable Through Title V Permit
5. If either the NO_x or CO concentrations as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 2520 and 4309] Federally Enforceable Through Title V Permit
6. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 2520 and 4309] Federally Enforceable Through Title V Permit
7. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations (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 2520 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.

8. For emissions source testing performed pursuant to Section 6.3 of District Rule 4309, (adopted December 15, 2005), for the purpose of determining compliance with an applicable standard or numerical limitation of this rule, the arithmetic average of three (3) 30- consecutive-minute test runs shall apply. If two (2) of three (3) runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 2520 and 4309, 5.5.6] Federally Enforceable Through Title V Permit
9. Visible emissions shall be less than 5% opacity except for 3 minutes in any one hour. [District NSR Rule and 40 CFR part 64] Federally Enforceable Through Title V Permit
10. PM10 emissions from the CE Rogers dryer baghouse shall not exceed 0.182 lb/ton of powder processed. [District NSR Rule and 40 CFR part 64] Federally Enforceable Through Title V Permit
11. Process weight rate shall not exceed 150 tons/day of powder. [District NSR Rule and 40 CFR part 64] Federally Enforceable Through Title V Permit
12. Fuel usage shall not exceed either of the following limits: 686 MMBtu in any day; 140,000 MMBtu in a year. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Screened powder shall be pneumatically transported to storage silo receiving bin for filling storage silos (S-1346-6, '-7, '-8, '-15, '-16 & '-17). [District NSR Rule] Federally Enforceable Through Title V Permit
14. District witnessed source testing to measure PM10, NOx and CO emissions shall be conducted every 24 months. [District Rules 1081, 7.2, 2201, and 4309] Federally Enforceable Through Title V Permit
15. Permittee shall maintain accurate records of daily fuel consumption, operating hours, and daily throughputs and shall make such records available for District inspection for a period of five years. [District Rules 1070 and 2520, 9.3.2, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
16. 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 Rules 1081, 7.1 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. The following test methods shall be used: PM10 (lb/ton) - CARB 501 in combination with CARB 5 or EPA Method 8, NOx (ppmv) - EPA Method 7E or ARB Method 100, NOx (lb/MMBtu) - EPA Method 19, CO (ppmv) - EPA Method 10 or ARB Method 100, and stack gas oxygen - EPA Method 3 or 3A or ARB Method 100. [District Rules 1081, 5.0 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
19. 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 that the baghouse is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
20. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
21. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
22. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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23. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202, 4.1] Federally Enforceable Through Title V Permit
24. 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
25. 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
26. If the District or EPA determine that a Quality improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR part 64] Federally Enforceable Through Title V Permit

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