



APR 30 2013

Mr. Douglas Findley
Land O' Lakes, Inc.
400 South M St.
Tulare, CA 93274

**Re: Notice of Final Decision – ATC / Certificate of Conformity
District Facility # S-525
Project # S-1123828**

Dear Mr. Findley:

The Air Pollution Control Officer has issued Authorities to Construct (S-525-30-15 and S-525-36-9) with Certificates of Conformity to Land O' Lakes, Inc. at 400 South M St., Tulare. The facility requests to increase the CO emissions limit from 10.3 ppmv @ 19% O₂ to 42 ppmv @ 19% O₂ for two natural gas-fired milk spray dryers. Enclosed are the Authorities to Construct and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on March 11, 2013. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on March 5, 2013. No comments were received following the District's preliminary decision on this project.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

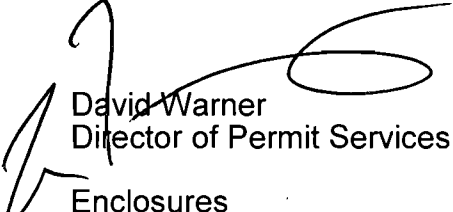
Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

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

Mr. Douglas Findley
Page 2

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

Sincerely,



David Warner
Director of Permit Services

Enclosures

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

Newspaper notice for publication in Visalia Times-Delta and for posting on valleyair.org

**NOTICE OF FINAL DECISION
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT AND
THE PROPOSED MINOR MODIFICATION OF FEDERALLY
MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authorities to Construct to Land O' Lakes, Inc. at 400 South M St., Tulare, California. The facility requests to increase the CO emissions limit from 10.3 ppmv @ 19% O₂ to 42 ppmv @ 19% O₂ for two natural gas-fired milk spray dryers.

No comments were received following the District's preliminary decision on this project.

The application review for Project #S-1123828 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm, the SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726, and at any other District office. For additional information, please contact the District at (559) 230-6000.



AUTHORITY TO CONSTRUCT

PERMIT NO: S-525-30-15

ISSUANCE DATE: 04/29/2013

LEGAL OWNER OR OPERATOR: LAND O' LAKES, INC.
MAILING ADDRESS: 400 SOUTH M STREET
TULARE, CA 93274

LOCATION: 400 SOUTH "M" ST
TULARE, CA 93274

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

MODIFICATION OF 28 MMBTU/HR NATURAL GAS-FIRED NON-FAT MILK PROCESSING LINE: INCREASE CO EMISSIONS LIMIT TO 42 PPMV @ 19% O2

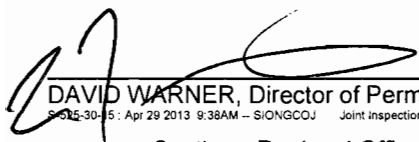
CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Line shall be equipped with one "Niro" tall form 28 MMBtu/hr. spray dryer including "Maxon" Cross Fire PUC quality natural gas fired burner with non-resettable totalizing fuel flowmeter, and two "Niro" baghouses, each with 7,276 sq. ft. cloth area and maximum of 101,848 total scfm air flow. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Line shall include two 300,000 lb storage bins each shall be served by "Nucon" bin vent filters, each with 71.5 sq. ft. area 16oz. glazed polyester felt bags, and maximum 535 scfm. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Line shall include one bagging system and shall be served by one "Flex Kleen" Baghouse (shared with S-525-37), Model WSTC121, 1282 sq. ft. cloth area, 12000 scfm. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services

S-525-30-15 : Apr 29 2013 9:38AM -- S/ONGCOJ Joint Inspection NOT Required

6. The amount of milk powder produced shall not exceed 180 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
9. The owner/operator shall check for visible emissions on a daily basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 4201, 4202, and 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
10. Visible emissions shall be less than 5% opacity for bagging system or storage silos during operation. [District Rule 2201] Federally Enforceable Through Title V Permit
11. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
12. NO_x emissions shall not exceed 4.9 ppmvd @ 19% O₂ referenced as NO₂. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
13. SO_x emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
14. CO emissions shall not exceed 42 ppmvd @ 19% O₂. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
15. VOC emissions shall not exceed 0.006 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM₁₀ emissions from baghouses serving milk spray dryer shall not exceed 0.440 pounds per ton of dried milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
17. PM₁₀ emissions from baghouse serving powdered milk bagging system shall not exceed 0.004 pounds per ton of dried milk powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
18. PM₁₀ emissions from bin vent filters serving two 300,000 lb storage bins shall not exceed 0.015 pounds per ton of dried milk powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
21. 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
22. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
23. 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
24. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted annually for each exhaust stack. If compliance is shown for two consecutive annual tests, then testing may be performed once every 24 months. If compliance is not shown, annual testing shall resume. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit

25. Source testing to measure PM10 emissions from the baghouse serving the spray dryer shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District Rule 1080] Federally Enforceable Through Title V Permit
26. For NOx and CO 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
27. For PM10 emissions source testing, three one-consecutive-hour 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 1080] Federally Enforceable Through Title V Permit
28. 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
29. 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
30. 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
31. Stack gas velocities shall be determined using EPA Method 2. [District Rule 4309] Federally Enforceable Through Title V Permit
32. Stack gas moisture content shall be determined using EPA Method 4 [District Rule 4309] Federally Enforceable Through Title V Permit
33. Source testing to measure PM10 emissions from the baghouse serving the spray dryer shall be conducted using EPA Methods 201A and 202. Alternatively, the results of a total particulate matter test using CARB Method 5 may be used to demonstrate compliance with the PM10 emission limit provided the results include both the filterable (front half) and condensable (black half) particulates, and that all particulate matter is assumed to be PM10. [District Rule 1080] Federally Enforceable Through Title V Permit
34. 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
35. 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
36. 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
37. The owner/operator shall visually inspect the burner on a weekly basis to assure proper operation. [District Rule 2201] Federally Enforceable Through Title V Permit
38. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
39. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). 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

CONDITIONS CONTINUE ON NEXT PAGE

40. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack 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 (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
41. 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
42. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
43. Actual fuel usage and production data shall be recorded during the source test periods. [District Rule 1081] Federally Enforceable Through Title V Permit
44. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
45. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
46. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
47. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
48. Permittee shall maintain records of dried milk powder produced in ton per day, dried milk powder transported to silos in ton per day, milk powder bagged in ton per day, and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 1070] Federally Enforceable Through Title V Permit
49. The operator shall maintain daily records of the total hours of operation and the type & quantity of fuel used during operations. [District Rule 4309] Federally Enforceable Through Title V Permit.
50. 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] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: S-525-36-9

ISSUANCE DATE: 04/29/2013

LEGAL OWNER OR OPERATOR: LAND O' LAKES, INC.
MAILING ADDRESS: 400 SOUTH M STREET
TULARE, CA 93274

LOCATION: 400 SOUTH "M" ST
TULARE, CA 93274

EQUIPMENT DESCRIPTION:

MODIFICATION OF 20 MMBTU/HR NATURAL GAS-FIRED MILK SPRAY PROCESSING LINE SERVED BY TWO NIRO CMC 3150 CYCLONES SERVED BY TWO NIRO SBF-12-500 BAGHOUSES EACH WITH 5,400 SQUARE FEET CLOTH AREA AND 37,820 SCFM BLOWERS: INCREASE CO EMISSIONS LIMIT TO 42 PPMV @ 19% O2

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. Line shall include Niro F-160 rotary atomizer with high pressure type NVR/F nozzle atomization unit and Niro-Soavi high pressure pump. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Line shall include air supply fan, dry cell/high efficiency air filter, Maxon LN 20 MM Btu/hr low NOx direct gas fired heater, type DAR air dispenser, cooling air fan, conveying air fan, on/off damper, steam-heated air heater and air filter. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Line shall include Niro CDC1000-R/N drying chamber assembly, integrated fluid bed and rotary valve. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Line shall be equipped with vibrofluidizer assembly including dry cell high efficiency pre-filter, two air conveying fans, six pneumatically controlled regulating dampers, two cartridge type air filters, two air conditioning units. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


DAVID WARNER, Director of Permit Services

S-525-36-9, Apr 29 2013 9:38AM - S10NGCCU : Joint Inspection NOT Required

Southern Regional Office • 34946 Flyover Court • Bakersfield, CA 93308 • (661) 392-5500 • Fax (661) 392-5585

7. Line shall be equipped with vibrofluidizer assembly including one VF-F 16m2 vibrofluidizer, Niro CHE 2250 cyclone, blow-through valve and two powder sieves. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Line shall be equipped with fines transport system including rotary air conveying blower, cartridge type air filter, four blow through valves and two-way diverter valve. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Line shall be equipped with pneumatic powder conveying system including rotary air conveying blower, air conditioning unit, cartridge type air filter, blow-through valve, powder conveying duct and two way diverter valve. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
11. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
13. 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
14. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The owner/operator shall check for visible emissions on a daily basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 4201, 4202, and 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
16. Visible emissions from the exhaust of the emissions control equipments 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
17. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
18. NOx emissions shall not exceed 5.3 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
19. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
20. CO emissions shall not exceed 42 ppmvd @ 19% O2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
21. VOC emissions shall not exceed 0.0028 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
22. PM10 emissions shall not exceed 0.344 pounds per ton of milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
23. The amount of dried milk powder produced shall not exceed 180 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
24. 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

25. If equipment is operating at a level not representative of design capacity during initial source testing, the District may require subsequent testing at higher rates of production. [District Rule 1081] Federally Enforceable Through Title V Permit
26. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted annually for each exhaust stack. If compliance is shown for two consecutive annual tests, then testing may be performed once every 24 months. If compliance is not shown, annual testing shall resume. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
27. Source testing to measure PM₁₀ emissions from the baghouse serving the spray dryer shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District Rule 1080] Federally Enforceable Through Title V Permit
28. For NO_x and CO 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
29. For PM₁₀ emissions source testing, three one-consecutive-hour 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 1080] Federally Enforceable Through Title V Permit
30. NO_x 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
31. 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
32. 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
33. Stack gas velocities shall be determined using EPA Method 2. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
34. Stack gas moisture content shall be determined using EPA Method 4. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
35. Source testing to measure PM₁₀ emissions from the baghouse serving the spray dryer shall be conducted using EPA Methods 201A and 202. Alternatively, the results of a total particulate matter test using CARB Method 5 may be used to demonstrate compliance with the PM₁₀ emission limit provided the results include both the filterable (front half) and condensable (black half) particulates, and that all particulate matter is assumed to be PM₁₀. [District Rule 1080] Federally Enforceable Through Title V Permit
36. 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
37. 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
38. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
39. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). 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

40. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack 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 (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
41. 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
42. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
43. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be repaired as needed. [District Rule 2520, 9.4.2, 40 CFR 64] Federally Enforceable Through Title V Permit
44. The permittee shall visually inspect the burner on a weekly basis to assure proper operation. [District Rule 2201] Federally Enforceable Through Title V Permit
45. Actual fuel usage and production data shall be recorded during the source test periods. [District Rule 1081] Federally Enforceable Through Title V Permit
46. The operator shall maintain daily records of the total hours of operation and the type & quantity of fuel used during operations. [District Rule 4309] Federally Enforceable Through Title V Permit
47. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
48. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
49. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
50. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
51. Permittee shall maintain records of dried milk powder produced in ton per day, and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
52. 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] Federally Enforceable Through Title V Permit