



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



OCT 17 2013

Sy Dang Le
California Dairies
755 F Street
Fresno, CA 93706

RE: Final – Authority to Construct/Certificate of Conformity (Minor Mod)
Facility Number: S-7063
Project Number: S-1131432

Dear Mr. Le:

The Air Pollution Control Officer has issued the Authority to Construct permit to California Dairies for revising minimum differential pressure limits for baghouses serving milk spray dryers, at 2000 North Plaza Drive, Visalia.

Enclosed are the Authority to Construct permits and invoice. The District's analysis of the proposal was sent to US EPA Region IX on August 19, 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.

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

Sincerely,

David Warner
Director of Permit Services

DW: RCR

Enclosures

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

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

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

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



AUTHORITY TO CONSTRUCT

PERMIT NO: S-7063-7-4

ISSUANCE DATE: 10/10/2013

LEGAL OWNER OR OPERATOR: CALIFORNIA DAIRIES, INC
MAILING ADDRESS: 2000 NORTH PLAZA DRIVE
VISALIA, CA 93291

LOCATION: 2000 NORTH PLAZA DRIVE
VISALIA, CA 93291

EQUIPMENT DESCRIPTION:

MODIFICATION OF 40 MMBTU/HR CPS NATURAL GAS-FIRED MILK SPRAY DRYER WITH A MAXON CROSSFIRE MODEL 7BIXFLDR ULTRA LOW NOX BURNER SERVED BY FOUR CYCLONES AND TWO 46,450 CFM CPS MODEL 262-015 BAGHOUSE DUST COLLECTORS, SHAKING FLUID BED AND SURGE HOPPER SERVED BY THE CPS BAGHOUSES, AND ONE TRANSFER HOPPER SERVED BY A BIN VENT FILTER: REVISE MINIMUM DIFFERENTIAL PRESSURE LIMITS FOR BAGHOUSES

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. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. 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

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-7063-7-4 - Oct 17 2013 9:59AM - RINALDIR : Joint Inspection Required with RINALDIR

6. 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 Rule 2201] Federally Enforceable Through Title V Permit
7. 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 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
8. The unit shall only be fired on PUC quality natural gas. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The maximum amount of material processed shall not exceed 255.2 tons of finished product in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Combustion emissions from the natural gas-fired unit shall not exceed any of the following limits: 3.5 ppmvd NOx @ 19% O2 (equivalent to 0.040 lb-NOx/MMBtu), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 32.6 ppmvd CO @ 19% O2 (equivalent to 0.227 lb-CO/MMBtu), or 0.0055 lb-VOC/MMBtu. If measured O2 concentration is greater than 19%, the corrected NOx or CO concentration is equal to the measured NOx or CO concentration. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
12. The combined combustion and material processing PM10 emission factor from the milk drying operation shall not exceed 0.17 lb/ton finished product. [District Rule 2201] Federally Enforceable Through Title V Permit
13. PM10 emissions from the bin vent filter serving the transfer hopper shall not exceed 0.0055 lb/ton. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Source testing to measure NOx and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months thereafter. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
15. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
16. 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
17. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
18. 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
19. 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
20. 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
21. 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
22. 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

CONDITIONS CONTINUE ON NEXT PAGE

23. 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 Rule 4309] Federally Enforceable Through Title V Permit
24. If either the NO_x 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
25. 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
26. 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
27. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
28. Permittee shall maintain records which demonstrate the unit is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
29. Permittee shall maintain daily records of the amount of material processed. [District Rule 1070 and Tulare County Rule 107] Federally Enforceable Through Title V Permit
30. 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
31. 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
32. For the baghouses, 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
33. For the baghouses, 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
34. 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 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

CONDITIONS CONTINUE ON NEXT PAGE

35. 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 64] Federally Enforceable Through Title V Permit
36. 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 64] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: S-7063-10-3

ISSUANCE DATE: 10/10/2013

LEGAL OWNER OR OPERATOR: CALIFORNIA DAIRIES, INC
MAILING ADDRESS: 2000 NORTH PLAZA DRIVE
VISALIA, CA 93291

LOCATION: 2000 NORTH PLAZA DRIVE
VISALIA, CA 93291

EQUIPMENT DESCRIPTION:

MODIFICATION OF BAGGING OPERATION CONSISTING OF ONE 1,000 CFM BIN VENT FILTER SERVING THE TOTE BAG FILLER, TWO 850 CFM BIN VENT FILTERS SERVING TWO CAROUSEL FILLERS EACH, AND ONE 10,000 CFM DONALDSON TORIT DUST COLLECTOR MODEL DLMC 2/4/15 SERVING THE BAGGING ROOM: REVISE MINIMUM DIFFERENTIAL PRESSURE LIMITS FOR BAGHOUSE

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. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. Visible emissions from the baghouse serving the powder milk bagging operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit

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-7063-10-3 Oct 17 2013 9:59AM -- RINALDIR Joint Inspection Required with RINALDIR

7. 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 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
10. PM10 emissions from the baghouse serving the bagging room shall not exceed 0.001 grains/dscf. [District Rules 2201 and 4201] Federally Enforceable Through Title V Permit
11. The amount of milk powder processed in the bagging operation shall not exceed 510.4 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain records of daily bagging system throughput. [District Rule 1070 and Tulare County Rule 107] Federally Enforceable Through Title V Permit
13. 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 1070 and Tulare County Rule 107] Federally Enforceable Through Title V Permit
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



AUTHORITY TO CONSTRUCT

PERMIT NO: S-7063-12-3

ISSUANCE DATE: 10/10/2013

LEGAL OWNER OR OPERATOR: CALIFORNIA DAIRIES, INC
MAILING ADDRESS: 2000 NORTH PLAZA DRIVE
VISALIA, CA 93291

LOCATION: 2000 NORTH PLAZA DRIVE
VISALIA, CA 93291

EQUIPMENT DESCRIPTION:

MODIFICATION OF 40.0 MMBTU/HR CPS NATURAL GAS-FIRED MILK SPRAY DRYER WITH A MAXON CROSSFIRE MODEL 7BIXFLDR ULTRA LOW NOX BURNER SERVED BY FOUR CYCLONES AND TWO CPS BAGHOUSES, SHAKING FLUID BED AND SURGE HOPPER SERVED BY THE CPS BAGHOUSES, AND ONE TRANSFER HOPPER SERVED BY A BIN VENT FILTER: REVISE MINIMUM DIFFERENTIAL PRESSURE LIMITS FOR BAGHOUSES

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. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. 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

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-7063-12-3 : Oct 17 2013 9:59AM -- RINALDIR : Joint Inspection Required with RINALDIR

6. 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 Rule 2201] Federally Enforceable Through Title V Permit
7. 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 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
8. The unit shall only be fired on PUC quality natural gas. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The maximum amount of material processed shall not exceed 255.2 tons of finished product in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Combustion emissions from the natural gas-fired unit shall not exceed any of the following limits: 3.5 ppmvd NO_x @ 19% O₂ (equivalent to 0.040 lb-NO_x/MMBtu), 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 32.6 ppmvd CO @ 19% O₂ (equivalent to 0.227 lb-CO/MMBtu), or 0.0055 lb-VOC/MMBtu. If measured O₂ concentration is greater than 19%, the corrected NO_x or CO concentration is equal to the measured NO_x or CO concentration. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
12. The combined combustion and material processing PM₁₀ emission factor from the milk drying operation shall not exceed 0.17 lb/ton finished product. [District Rule 2201] Federally Enforceable Through Title V Permit
13. PM₁₀ emissions from the bin vent filter serving the transfer hopper shall not exceed 0.059 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted within 60 days of initial start-up and at least once every 24 months thereafter. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
15. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
16. 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
17. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
18. 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
19. 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
20. 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
21. 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
22. PM₁₀ emissions for source test purposes shall be determined using EPA Method 201 and EPA Method 202, or EPA Method 201a and EPA Method 202 or CARB Method 501 in combination with CARB Method 5. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

23. 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
24. 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 Rule 4309] Federally Enforceable Through Title V Permit
25. If either the NO_x 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
26. 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
27. 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
28. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
29. Permittee shall maintain records which demonstrate the unit is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
30. Permittee shall maintain daily records of the amount of material processed. [District Rule 1070] Federally Enforceable Through Title V Permit
31. 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
32. 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
33. For the baghouses, 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
34. For the baghouses, 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

CONDITIONS CONTINUE ON NEXT PAGE

35. 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 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
36. 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 64] Federally Enforceable Through Title V Permit
37. 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 64] Federally Enforceable Through Title V Permit