



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

NOV 22 2013

Mr. Rick Harker
Olam Tomato Processors
P.O. Box 160
Lemoore, CA 93246

**Re: Notice of Minor Title V Permit Modification
District Facility # C-1163
Project # C-1133108**

Dear Mr. Harker:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued Authorities to Construct C-1163-3-10 and '8-4 into the Title V operating permit. Olam Tomato Processors, Inc has proposed modification of two existing natural gas-fired boilers by installing a NOX Predictive Emission Monitoring System (PEMS) for compliance with the monitoring requirements of 40 CFR 60, Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authorities to Construct C-1163-3-10 and '8-4, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sayed 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 93728-0244

Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region

34946 Flyover Court

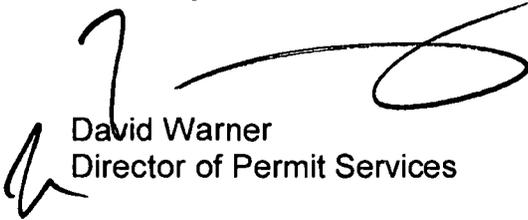
Bakersfield, CA 93308-9725

Tel: 661-392-5500 FAX: 661-392-5585

Mr. Rick Harker
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Thank you for your cooperation in this matter.

Sincerely,

A handwritten signature in black ink, appearing to be 'David Warner', written over the typed name and title.

David Warner
Director of Permit Services

Enclosures

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

TITLE V APPLICATION REVIEW

Minor Modification
Project #: C-1133108

Engineer: Dennis Roberts
Date: November 20, 2013

Facility Number: C-1163
Facility Name: Olam Tomato Processors, Inc.
Mailing Address: 1175 19th Avenue
Lemoore, CA 93246

Contact Name: Rick Harker
Phone: (408) 655-0379

Responsible Official: Rich Freitas
Title: Senior Director of Operations

I. PROPOSAL

Olam Tomato Processors (Olam) is proposing a Title V minor permit modification to incorporate the recently issued Authorities to Construct C-1163-3-10 and '8-4 into the Title V operating permit. Olam Tomato Processors, Inc has proposed modification of two existing natural gas-fired boilers by installing a NO_x Predictive Emission Monitoring System (PEMS) for compliance with the monitoring requirements of 40 CFR 60, Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

1175 19th Avenue
Lemoore, CA

III. EQUIPMENT DESCRIPTION

C-1163-3-11: 180.06 MMBTU/HR CLEAVER BROOKS MODEL DFE-E NATURAL GAS-FIRED BOILER WITH COEN/TODD VARIFLAME LOW NOX BURNER, FLUE GAS RECIRCULATION SYSTEM AND SCR SYSTEM

C-1163-8-5: 120 MMBTU/HR NEBRASKA MODEL NOS-2A-67 NATURAL GAS-FIRED BOILER WITH NATCOM BURNER MODEL P-120-G-32-1824 AND FLUE GAS RECIRCULATION SYSTEM

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

Olam is proposing modification of permit units C-1163-3 and C-1163-8 to implement a NO_x Predictive Emission Monitoring System (PEMS) for compliance with the monitoring requirements of 40 CFR 60, Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. Olam's application for this modification was in response to the following condition which was placed on the initial Title V permit (current permits) for these units:

- *Within 3 months of the Title V permit being issued, permittee shall apply for an Authority to Construct (ATC) to implement the applicable compliance demonstration, monitoring and reporting and recordkeeping requirements of 40 CFR 60.46b, 60.48b and 60.49b. This permit unit shall be in full compliance with all applicable requirements of 40 CFR Subpart Db not later than 6 months after the Title V permit is issued. [40 CFR 60Db]*

C-1163-3-11:

- Conditions 12-22 were added to the permit to reflect the implementation of a Predictive Emissions Monitoring System (PEMS) pursuant to the requirements of 40 CFR 60Db.

- Condition 31 of the current permit was deleted since that requirement was satisfied by implementation of ATC C-1163-3-10.
- Condition 1 on ATC C-1183-3-10 was deleted since that requirement was satisfied by the application for this Title V permitting action.

C-1163-8-5:

- Conditions 7-17 were added to the permit to reflect the implementation of a Predictive Emissions Monitoring System (PEMS) pursuant to the requirements of 40 CFR 60Db.
- Condition 26 of the current permit was deleted since that requirement was satisfied by implementation of ATC C-1163-8-4.
- Condition 1 on ATC C-1183-8-4 was deleted since that requirement was satisfied by the application for this Title V permitting action.

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and

6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. C-1163-3-11 and '8-5
- B. Authorities to Construct No. C-1163-3-10 and '8-4
- C. Emissions Increases
- D. Application
- E. Previous Title V Operating Permit No.'s C-1163-3-8 and 8-3

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
C-1163-3-11 and '-8-5

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1163-3-11

EXPIRATION DATE: 08/31/2017

EQUIPMENT DESCRIPTION:

180.06 MMBTU/HR CLEAVER BROOKS MODEL DFE-E NATURAL GAS-FIRED BOILER WITH COEN/TODD VARIFLAME LOW NOX BURNER, FLUE GAS RECIRCULATION SYSTEM AND SCR SYSTEM

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-quality natural gas. [District Rule 2201 and 40 CFR 60.42b and 60.43b] Federally Enforceable Through Title V Permit
3. Facility-wide NOx emissions shall not exceed 19,999 pounds per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined annual heat input for boilers C-1163-2, C-1163-3 and C-1163-8 shall be less than 939,074 MMBtu per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Owner/operator shall maintain a non-resettable, totalizing mass or volumetric flow meter in the fuel line of this unit. [District Rules 2201] 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 District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown). [District Rule 1100] Federally Enforceable Through Title V Permit
8. Except during start-up, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following emission limits: 5 ppmv NOx @ 3% O2 or 0.0062 lb-NOx/MMBtu, 0.0029 lb-SOx/MMBtu, 0.0048 lb-PM10/MMBtu, 50 ppmv CO @ 3% O2 or 0.037 lb-CO/MMBtu, or 0.0042 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
9. During start-up, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following emission limits: 1.95 lb-NOx/hr; 0.5 lb-SOx/hr; 0.85 lb-PM10/hr; 6.65 lb-CO/hr; and 0.4 lb-VOC/hr. [District Rules 2201, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
10. The ammonia emissions from the exhaust of the SCR system serving this boiler shall not exceed 5 ppmvd @ 3% O2. [District Rule 4102]
11. Duration of startup shall not exceed 2 hours per day and 180 hours per year. During startup, the emissions control system shall be in operation, and emissions shall be minimized insofar as technologically possible. The operator shall maintain daily records of the duration of startup periods. [District Rules 2201, 4306, and 4320] Federally Enforceable Through Title V Permit
12. The owner or operator shall install, certify, maintain, operate and quality-assure a Predictive Emission Monitoring System (PEMS) which continuously measures and records the exhaust gas NOx, CO and O2 concentrations. [40 CFR Subpart Db] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. This facility shall submit a PEMS monitoring plan for this permit unit pursuant to 40 CFR 60.49b(c) no later than 180 days after implementation of ATC C-1163-3-10. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
14. An initial performance test of the PEMS shall be conducted within 360 days after approval of the PEMS Monitoring Plan by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
15. Compliance with NOx emission limits shall be demonstrated in a 30-day performance test using the predictive emissions monitoring system (PEMS) when requested by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
16. During periods when performance tests are not requested by the APCO, the PEMS shall calculate a 30-day rolling average NOx emission rate each steam generating unit operating day as the average of all of the hourly NOx emission data for the preceding 30 steam generating unit operating days. Data generated during such periods shall be used to generate excess emission reports but shall not be used to determine compliance with NOx emission limits. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
17. Operation and calibration of the PEMS equipment shall be performed in accordance with the requirements of 40 CFR, Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
18. The Predictive Emission Monitoring System (PEMS) shall be capable of monitoring emissions under all operating conditions including startups and shutdowns. [District Rule 1080] Federally Enforceable Through Title V Permit
19. The owner/operator shall perform a relative accuracy test audit (RATA) for the NOx PEMS at least once every four calendar quarters. The permittee shall comply with the applicable requirements for quality assurance testing and maintenance of the predictive emission monitoring equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
20. Results of continuous emissions monitoring equipment shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rule 1080] Federally Enforceable Through Title V Permit
21. This facility shall maintain applicable records for this permit unit as specified in 40 CFR 60.49b(g). [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
22. The owner or operator shall submit a written report of PEMS operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess emissions, nature and the cause of excess (if known), corrective actions taken and preventative measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period and used to determine compliance with an emissions standard; Applicable time and date of each period during which the PEMS was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule] Federally Enforceable Through Title V Permit
23. Source testing to measure NOx, CO, and NH3 emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, 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 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
24. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
25. The 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

26. 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
27. 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
28. 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
29. NO_x 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, 4306, and 4320]
30. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
31. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
32. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 4102]
33. The permittee shall monitor and record the stack concentration of NO_x, CO, NH₃ and O₂ at least once during each month in which source testing is not performed. NO_x, CO and O₂ monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH₃ monitoring shall be conducted utilizing gas detection tubes (Draeger brand or District approved equivalent). 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 it has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320]
34. If either the NO_x, CO or NH₃ concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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 4102, 4305, 4306, and 4320]
35. All NO_x, CO, O₂ and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO_x, CO and O₂ analyzer as well as the NH₃ emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 4102, 4305, 4306, and 4320]
36. Ammonia emissions readings shall be conducted at the time the NO_x, CO and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rule 4102]
37. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320; 40 CFR 60, Subpart Db] 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.

38. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃ and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
39. Records of annual fuel consumption shall be maintained, retained on the premises for at least five years and made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
40. 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, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
41. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081, 4320 and 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit

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

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1163-8-5

EXPIRATION DATE: 08/31/2017

EQUIPMENT DESCRIPTION:

120 MMBTU/HR NEBRASKA MODEL NOS-2A-67 NATURAL GAS-FIRED BOILER WITH NATCOM BURNER MODEL P-120-G-32-1824 AND FLUE GAS RECIRCULATION SYSTEM

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4301] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201 and 40 CFR 60.42b and 60.43b] Federally Enforceable Through Title V Permit
3. Facility-wide NOx emissions shall not exceed 20,000 pounds per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined annual heat input for boilers C-1163-2, C-1163-3 and C-1163-8 shall be less than 939,074 MMBtu per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Owner/operator shall maintain a non-resettable, totalizing mass or volumetric flow meter in the fuel line of this unit. [District Rule 4320] Federally Enforceable Through Title V Permit
6. Emissions from this natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOx @ 3% O2 or 0.0108 lb-NOx/MMBtu, 0.0029 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 45 ppmvd CO @ 3% O2 or 0.033 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
7. The owner or operator shall install, certify, maintain, operate and quality-assure a Predictive Emission Monitoring System (PEMS) which continuously measures and records the exhaust gas NOX, CO and O2 concentrations. [40 CFR Subpart Db] Federally Enforceable Through Title V Permit
8. This facility shall submit a PEMS monitoring plan for this permit unit pursuant to 40 CFR 60.49b(c) no later than 180 days after implementation of ATC C-1163-8-4. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
9. An initial performance test of the PEMS shall be conducted within 360 days after approval of the PEMS Monitoring Plan by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
10. Compliance with NOx emission limits shall be demonstrated in a 30-day performance test using the predictive emissions monitoring system (PEMS) when requested by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
11. During periods when performance tests are not requested by the APCO, the PEMS shall calculate a 30-day rolling average NOx emission rate each steam generating unit operating day as the average of all of the hourly NOX emission data for the preceding 30 steam generating unit operating days. Data generated during such periods shall be used to generate excess emission reports but shall not be used to determine compliance with NOx emission limits. [40 CFR 60, Subpart Db] 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. Operation and calibration of the PEMS equipment shall be performed in accordance with the requirements of 40 CFR, Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
13. The Predictive Emission Monitoring System (PEMS) shall be capable of monitoring emissions under all operating conditions including startups and shutdowns. [District Rule 1080] Federally Enforceable Through Title V Permit
14. The owner/operator shall perform a relative accuracy test audit (RATA) for the NOX PEMS at least once every four calendar quarters. The permittee shall comply with the applicable requirements for quality assurance testing and maintenance of the predictive emission monitoring equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
15. Results of continuous emissions monitoring equipment shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rule 1080] Federally Enforceable Through Title V Permit
16. This facility shall maintain applicable records for this permit unit as specified in 40 CFR 60.49b(g). [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
17. The owner or operator shall submit a written report of PEMS operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess emissions, nature and the cause of excess (if known), corrective actions taken and preventative measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period and used to determine compliance with an emissions standard; Applicable time and date of each period during which the PEMS was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule] Federally Enforceable Through Title V Permit
18. Source testing to measure natural gas-combustion NOx 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
19. NOx 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
20. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
22. 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
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. 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 and 4306] Federally Enforceable Through Title V Permit
25. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

26. 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 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
27. 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 4305 and 4306]
28. If either the NO_x or CO concentrations corrected to 3% 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 Rules 4305 and 4306]
29. 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 4305 and 4306] Federally Enforceable Through Title V Permit
30. 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 3% 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
31. 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 Rule 4320] Federally Enforceable Through Title V Permit
32. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NO_x 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 NO_x emission limit listed in Rule 4320. [District Rule 4320] Federally Enforceable Through Title V Permit
33. The permittee shall maintain daily records of start-up and shutdown durations and number of occurrences of each. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
34. 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, 4305, and 4306; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
35. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320; 40 CFR 60, Subpart Db] 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.

36. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081, 4320 and 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit

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

DRAFT

ATTACHMENT B

Authorities to Construct No.
C-1163-3-10 and '-8-4



AUTHORITY TO CONSTRUCT

PERMIT NO: C-1163-3-10

ISSUANCE DATE: 05/15/2013

LEGAL OWNER OR OPERATOR: OLAM TOMATO PROCESSORS INC
MAILING ADDRESS: 205 E RIVER PARK CIRCLE
SUITE 310
FRESNO, CA 93720

LOCATION: 1175 19TH AVE
LEMOORE, CA 93245

EQUIPMENT DESCRIPTION:

MODIFICATION OF 180.06 MMBTU/HR CLEAVER BROOKS MODEL DFE-E NATURAL GAS-FIRED BOILER WITH COEN/TODD VARIFLAME LOW NOX BURNER, FLUE GAS RECIRCULATION SYSTEM AND SCR SYSTEM: INSTALL AN EXCESS EMISSIONS PREDICTIVE EMISSION MONITORING SYSTEM (PEMS)

CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. The unit shall only be fired on PUC-quality natural gas. [District Rule 2201 and 40 CFR 60.42b and 60.43b] Federally Enforceable Through Title V Permit
4. Facility-wide NOx emissions shall not exceed 19,999 pounds per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined annual heat input for boilers C-1163-2, C-1163-3 and C-1163-8 shall be less than 939,074 MMBtu per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Owner/operator shall maintain a non-resettable, totalizing mass or volumetric flow meter in the fuel line of this unit. [District Rules 2201] Federally Enforceable Through Title V Permit
7. 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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

Mark Keast for

DAVID WARNER, Director of Permit Services

C-1163-3-10: May 15 2013 9:40AM - ROBERTSD : Joint Inspection NOT Required

8. 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
9. Except during start-up, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following emission limits: 5 ppmv NO_x @ 3% O₂ or 0.0062 lb-NO_x/MMBtu, 0.0029 lb-SO_x/MMBtu, 0.0048 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0042 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
10. During start-up, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following emission limits: 1.95 lb-NO_x/hr; 0.5 lb-SO_x/hr; 0.85 lb-PM₁₀/hr; 6.65 lb-CO/hr; and 0.4 lb-VOC/hr. [District Rules 2201, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
11. The ammonia emissions from the exhaust of the SCR system serving this boiler shall not exceed 5 ppmvd @ 3% O₂. [District Rule 4102]
12. Duration of startup shall not exceed 2 hours per day and 180 hours per year. During startup, the emissions control system shall be in operation, and emissions shall be minimized insofar as technologically possible. The operator shall maintain daily records of the duration of startup periods. [District Rules 2201, 4306, and 4320] Federally Enforceable Through Title V Permit
13. The owner or operator shall install, certify, maintain, operate and quality-assure a Predictive Emission Monitoring System (PEMS) which continuously measures and records the exhaust gas NO_x, CO and O₂ concentrations. [40 CFR Subpart Db] Federally Enforceable Through Title V Permit
14. This facility shall submit a PEMS monitoring plan for this permit unit pursuant to 40 CFR 60.49b(c) no later than 180 days after implementation of this ATC. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
15. An initial performance test of the PEMS shall be conducted within 360 days after approval of the PEMS Monitoring Plan by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
16. Compliance with NO_x emission limits shall be demonstrated in a 30-day performance test using the predictive emissions monitoring system (PEMS) when requested by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
17. During periods when performance tests are not requested by the APCO, the PEMS shall calculate a 30-day rolling average NO_x emission rate each steam generating unit operating day as the average of all of the hourly NO_x emission data for the preceding 30 steam generating unit operating days. Data generated during such periods shall be used to generate excess emission reports but shall not be used to determine compliance with NO_x emission limits. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
18. Operation and calibration of the PEMS equipment shall be performed in accordance with the requirements of 40 CFR, Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
19. The Predictive Emission Monitoring System (PEMS) shall be capable of monitoring emissions under all operating conditions including startups and shutdowns. [District Rule 1080] Federally Enforceable Through Title V Permit
20. The owner/operator shall perform a relative accuracy test audit (RATA) for the NO_x PEMS at least once every four calendar quarters. The permittee shall comply with the applicable requirements for quality assurance testing and maintenance of the predictive emission monitoring equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
21. Results of continuous emissions monitoring equipment shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rule 1080] Federally Enforceable Through Title V Permit
22. This facility shall maintain applicable records for this permit unit as specified in 40 CFR 60.49b(g). [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

23. The owner or operator shall submit a written report of PEMS operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess emissions, nature and the cause of excess (if known), corrective actions taken and preventative measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period and used to determine compliance with an emissions standard; Applicable time and date of each period during which the PEMS was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule] Federally Enforceable Through Title V Permit
24. Source testing to measure NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, 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 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
25. 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
26. 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
27. 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
28. 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
29. 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
30. NO_x 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, 4306, and 4320]
31. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
32. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
33. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 4102]
34. The permittee shall monitor and record the stack concentration of NO_x, CO, NH₃ and O₂ at least once during each month in which source testing is not performed. NO_x, CO and O₂ monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH₃ monitoring shall be conducted utilizing gas detection tubes (Dräger brand or District approved equivalent). 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 it has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

35. If either the NO_x, CO or NH₃ concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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 4102, 4305, 4306, and 4320]
36. All NO_x, CO, O₂ and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO_x, CO and O₂ analyzer as well as the NH₃ emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 4102, 4305, 4306, and 4320]
37. Ammonia emissions readings shall be conducted at the time the NO_x, CO and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rule 4102]
38. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
39. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃ and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
40. Records of annual fuel consumption shall be maintained, retained on the premises for at least five years and made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
41. 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, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
42. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081, 4320 and 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: C-1163-8-4

ISSUANCE DATE: 05/15/2013

LEGAL OWNER OR OPERATOR: OLAM TOMATO PROCESSORS INC
MAILING ADDRESS: 205 E RIVER PARK CIRCLE
SUITE 310
FRESNO, CA 93720

LOCATION: 1175 19TH AVE
LEMOORE, CA 93245

EQUIPMENT DESCRIPTION:

MODIFICATION OF 120 MMBTU/HR NEBRASKA MODEL NOS-2A-67 NATURAL GAS-FIRED BOILER WITH NATCOM BURNER MODEL P-120-G-32-1824 AND FLUE GAS RECIRCULATION SYSTEM: INSTALL AN EXCESS EMISSIONS PREDICTIVE EMISSION MONITORING SYSTEM (PEMS)

CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4301] Federally Enforceable Through Title V Permit
3. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201 and 40 CFR 60.42b and 60.43b] Federally Enforceable Through Title V Permit
4. Facility-wide NOx emissions shall not exceed 20,000 pounds per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined annual heat input for boilers C-1163-2, C-1163-3 and C-1163-8 shall be less than 939,074 MMBtu per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Owner/operator shall maintain a non-resettable, totalizing mass or volumetric flow meter in the fuel line of this unit. [District Rule 4320] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 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.

Sayed Sadredin, Executive Director / APCO

Martin Keast for

DAVID WARNER, Director of Permit Services

C-1163-8-4: May 15 2013 9:40AM - ROBERTSD : Joint Inspection NOT Required

7. Emissions from this natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOx @ 3% O2 or 0.0108 lb-NOx/MMBtu, 0.0029 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 45 ppmvd CO @ 3% O2 or 0.033 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
8. The owner or operator shall install, certify, maintain, operate and quality-assure a Predictive Emission Monitoring System (PEMS) which continuously measures and records the exhaust gas NOX, CO and O2 concentrations. [40 CFR Subpart Db] Federally Enforceable Through Title V Permit
9. This facility shall submit a PEMS monitoring plan for this permit unit pursuant to 40 CFR 60.49b(c) no later than 180 days after implementation of this ATC. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
10. An initial performance test of the PEMS shall be conducted within 360 days after approval of the PEMS Monitoring Plan by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
11. Compliance with NOx emission limits shall be demonstrated in a 30-day performance test using the predictive emissions monitoring system (PEMS) when requested by the APCO. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
12. During periods when performance tests are not requested by the APCO, the PEMS shall calculate a 30-day rolling average NOx emission rate each steam generating unit operating day as the average of all of the hourly NOX emission data for the preceding 30 steam generating unit operating days. Data generated during such periods shall be used to generate excess emission reports but shall not be used to determine compliance with NOx emission limits. [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
13. Operation and calibration of the PEMS equipment shall be performed in accordance with the requirements of 40 CFR, Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
14. The Predictive Emission Monitoring System (PEMS) shall be capable of monitoring emissions under all operating conditions including startups and shutdowns. [District Rule 1080] Federally Enforceable Through Title V Permit
15. The owner/operator shall perform a relative accuracy test audit (RATA) for the NOX PEMS at least once every four calendar quarters. The permittee shall comply with the applicable requirements for quality assurance testing and maintenance of the predictive emission monitoring equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix B, Performance Specification 16. [District Rule 1080] Federally Enforceable Through Title V Permit
16. Results of continuous emissions monitoring equipment shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rule 1080] Federally Enforceable Through Title V Permit
17. This facility shall maintain applicable records for this permit unit as specified in 40 CFR 60.49b(g). [40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
18. The owner or operator shall submit a written report of PEMS operations for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: Time intervals, data and magnitude of excess emissions, nature and the cause of excess (if known), corrective actions taken and preventative measures adopted; Averaging period used for data reporting corresponding to the averaging period specified in the emission test period and used to determine compliance with an emissions standard; Applicable time and date of each period during which the PEMS was inoperative (monitor downtime), except for zero and span checks, and the nature of system repairs and adjustments; A negative declaration when no excess emissions occurred. [District Rule] Federally Enforceable Through Title V Permit
19. Source testing to measure natural gas-combustion NOx 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

CONDITIONS CONTINUE ON NEXT PAGE

20. NO_x 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
21. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
22. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
23. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
24. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
25. 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 and 4306] Federally Enforceable Through Title V Permit
26. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
27. 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 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
28. 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 4305 and 4306]
29. If either the NO_x or CO concentrations corrected to 3% 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 Rules 4305 and 4306]
30. 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 4305 and 4306] Federally Enforceable Through Title V Permit
31. 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 3% 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

32. 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 Rule 4320] Federally Enforceable Through Title V Permit
33. 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
34. The permittee shall maintain daily records of start-up and shutdown durations and number of occurrences of each. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
35. 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, 4305, and 4306; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
36. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
37. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081, 4320 and 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	VOC	CO	SOx	PM10
C-1163-3-11	0	0	0	0	0
C-1163-8-5	0	0	0	0	0
TOTAL	0	0	0	0	0

ATTACHMENT D

Application

San Joaquin Valley Air Pollution Control District

www.valleyair.org

RECEIVED

OCT 30 2013

Permits Services
SJVAPCD

Permit Application For:

ADMINISTRATIVE AMENDMENT MINOR MODIFICATION SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: <u>OLAM TOMATO PROCESSORS INC</u>		
2. MAILING ADDRESS:		
STREET/P.O. BOX: <u>1175 19TH AVE</u> <u>PO BOX 160</u>		
CITY: <u>LEMOORE</u>	STATE: <u>CA</u>	9-DIGIT ZIP CODE: <u>93246</u>
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:		INSTALLATION DATE:
STREET: <u>1175 19TH AVE</u> CITY: <u>LEMOORE</u>		<u>7/1/13</u>
¼ SECTION _____ TOWNSHIP _____ RANGE _____		
4. GENERAL NATURE OF BUSINESS: <u>TOMATO PROCESSING AND CANNING</u>		
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary)		
<u>C-1163-3-10</u> } <u>INSTALL, CERTIFY, MAINTAIN, OPERATE</u> <u>C-1163-8-4</u> } <u>AND QUALITY ASSURE A PREDICTIVE</u> <u>EMISSION MONITORING SYSTEM (PEMS)</u> <u>WHICH CONTINUOUSLY MEASURES AND</u> <u>RECORDS THE EXHAUST GAS NOX, CO</u> <u>AND O2 CONCENTRATIONS</u>		
6. TYPE OR PRINT NAME OF APPLICANT:		TITLE OF APPLICANT:
<u>RICK HARKER</u>		<u>REGIONAL ENV. MGR</u>
7. SIGNATURE OF APPLICANT:		PHONE: <u>408 655-0379</u>
<u>R. Harker</u>		FAX: ()
DATE: <u>10/24/13</u>		EMAIL: <u>rick.harker@olam.com</u>

For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ _____ CHECK#: _____
	DATE PAID: _____
	PROJECT NO: <u>C-1133108</u> FACILITY ID: <u>C-1163</u>

Central Regional Office • 1990 E. Gettysburg Avenue • Fresno, CA 93726-0244 • (559) 230-5900 • FAX (559) 230-6061

**San Joaquin Valley
Unified Air Pollution Control District**

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE AMENDMENT
 MINOR PERMIT MODIFICATION

COMPANY NAME: BLAM TOMATO PROCESSORS INC	FACILITY ID: C-1163
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name:	
3. Agent to the Owner:	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

Rich Freitas
Signature of Responsible Official

10/28/13
Date

Rich Freitas
Name of Responsible Official (please print)

Senior Director
Title of Responsible Official (please print)

ATTACHMENT E

Previous Title V Operating Permit No.'s C-
1163-3-8 and '-8-3

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1163-3-8

EXPIRATION DATE: 08/31/2017

EQUIPMENT DESCRIPTION:

180.06 MMBTU/HR CLEAVER BROOKS MODEL DFE-E NATURAL GAS-FIRED BOILER WITH COEN/TODD VARIFLAME LOW NOX BURNER, FLUE GAS RECIRCULATION SYSTEM AND SCR SYSTEM

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-quality natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Facility-wide NOx emissions shall not exceed 19,999 pounds per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined annual heat input for boilers C-1163-2, C-1163-3 and C-1163-8 shall be less than 939,074 MMBtu per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Owner/operator shall maintain a non-resettable, totalizing mass or volumetric flow meter in the fuel line of this unit. [District Rules 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 District shall be notified of any breakdown conditions in accordance with Rule 1100 (Equipment Breakdown). [District Rule 1100] Federally Enforceable Through Title V Permit
8. Except during start-up, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following emission limits: 5 ppmv NOx @ 3% O2 or 0.0062 lb-NOx/MMBtu, 0.0029 lb-SOx/MMBtu, 0.0048 lb-PM10/MMBtu, 50 ppmv CO @ 3% O2 or 0.037 lb-CO/MMBtu, or 0.0042 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
9. During start-up, emissions from the exhaust of the SCR system serving this boiler shall not exceed any of the following emission limits: 1.95 lb-NOx/hr; 0.5 lb-SOx/hr; 0.85 lb-PM10/hr; 6.65 lb-CO/hr; and 0.4 lb-VOC/hr. [District Rules 2201, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
10. The ammonia emissions from the exhaust of the SCR system serving this boiler shall not exceed 5 ppmvd @ 3% O2. [District Rule 4102]
11. Duration of startup shall not exceed 2 hours per day and 180 hours per year. During startup, the emissions control system shall be in operation, and emissions shall be minimized insofar as technologically possible. The operator shall maintain daily records of the duration of startup periods. [District Rules 2201, 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.

12. Source testing to measure NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, 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 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
13. 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
14. 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
15. 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
16. 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
17. 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
18. NO_x 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, 4306, and 4320]
19. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
20. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
21. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 4102]
22. The permittee shall monitor and record the stack concentration of NO_x, CO, NH₃ and O₂ at least once during each month in which source testing is not performed. NO_x, CO and O₂ monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH₃ monitoring shall be conducted utilizing gas detection tubes (Draeger brand or District approved equivalent). 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 it has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320]
23. If either the NO_x, CO or NH₃ concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. 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 4102, 4305, 4306, and 4320]

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

24. All NO_x, CO, O₂ and ammonia emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO_x, CO and O₂ analyzer as well as the NH₃ emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer 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 4102, 4305, 4306, and 4320]
25. Ammonia emissions readings shall be conducted at the time the NO_x, CO and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rule 4102]
26. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
27. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃ and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
28. Records of annual fuel consumption shall be maintained, retained on the premises for at least five years and made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
29. 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, 4305, 4306, and 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
30. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
31. Within 3 months of the Title V permit being issued, permittee shall apply for an Authority to Construct (ATC) to implement the applicable compliance demonstration, monitoring and reporting and recordkeeping requirements of 40 CFR 60.46b, 60.48b and 60.49b. This permit unit shall be in full compliance with all applicable requirements of 40 CFR Subpart Db not later than 6 months after the Title V permit is issued. [40 CFR 60Db] 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-1163-8-3

EXPIRATION DATE: 08/31/2017

EQUIPMENT DESCRIPTION:

120 MMBTU/HR NEBRASKA MODEL NOS-2A-67 NATURAL GAS-FIRED BOILER WITH NATCOM BURNER MODEL P-120-G-32-1824 AND FLUE GAS RECIRCULATION SYSTEM

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4301] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Facility-wide NOx emissions shall not exceed 20,000 pounds per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined annual heat input for boilers C-1163-2, C-1163-3 and C-1163-8 shall be less than 939,074 MMBtu per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Owner/operator shall maintain a non-resettable, totalizing mass or volumetric flow meter in the fuel line of this unit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
6. Records of annual fuel consumption shall be maintained, retained on the premises for at least five years and made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
7. Emissions from this natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOx @ 3% O2 or 0.0108 lb-NOx/MMBtu, 0.0029 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 45 ppmvd CO @ 3% O2 or 0.033 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
8. Source testing to measure natural gas-combustion NOx 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
9. NOx 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
10. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
12. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. 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
14. 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 and 4306] Federally Enforceable Through Title V Permit
15. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
16. 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 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
17. 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 4305 and 4306]
18. If either the NO_x or CO concentrations corrected to 3% 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 Rules 4305 and 4306]
19. 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 4305 and 4306] Federally Enforceable Through Title V Permit
20. 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 3% 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. 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 Rule 4320] Federally Enforceable Through Title V Permit
22. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NO_x 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 NO_x emission limit listed in Rule 4320. [District Rule 4320] Federally Enforceable Through Title V Permit
23. The permittee shall maintain daily records of start-up and shutdown durations and number of occurrences of each. [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. 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, 4305, and 4306; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
25. The permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320; 40 CFR 60, Subpart Db] Federally Enforceable Through Title V Permit
26. Within 3 months of the Title V permit being issued, permittee shall apply for an Authority to Construct (ATC) to implement the applicable compliance demonstration, monitoring and reporting and recordkeeping requirements of 40 CFR 60.46b, 60.48b and 60.49b. This permit unit shall be in full compliance with all applicable requirements of 40 CFR Subpart Db not later than 6 months after the Title V permit is issued. [40 CFR 60Db] Federally Enforceable Through Title V Permit

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