

June 13, 2022

Michael Oliver
Central Valley Meat Co.
10431 8 ¾ Ave
Hanford, CA 93230

RE: Notice of Final Action - Authority to Construct
Facility Number: C-2282
Project Number: C-1210060

Dear Mr. Oliver:

The Air Pollution Control Officer has issued the Authority to Construct permits to Central Valley Meat Co. for the construction of a new rendering operation with an emission/odor control system consisting of a venturi/packed bed scrubber system followed by a regenerative thermal oxidizer (RTO) and room air scrubbers, the installation of four meat and bone meal (MBM) storage silos, and the installation of four 61.991 MMBtu/hr natural gas-fired boilers with selective catalytic reduction (SCR), at 10431 8 ¾ Ave, Hanford, CA. Enclosed are the Authority to Construct permits and a copy of the notice of final action that has been posted on the District's website (www.valleyair.org).

Notice of the District's preliminary decision to issue the Authority to Construct permits was posted on May 4, 2022. The District's analysis of the proposal was also sent to CARB on May 4, 2022. No comments were received following the District's preliminary decision on this project.

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

Samir Sheikh
Executive Director/Air Pollution Control Officer

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

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

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

Mr. Michael Oliver
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Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas at (559) 230-6000.

Sincerely,

A handwritten signature in blue ink that reads "Brian Clements". The signature is written in a cursive, flowing style.

Brian Clements
Director of Permit Services

BC:rn

Enclosures

cc: Courtney Graham, CARB (w/ enclosure) via email

June 13, 2022

Facility # C-2282
CENTRAL VALLEY MEAT CO
10431 8¾ AVE
HANFORD, CA 93230

AUTHORITY TO CONSTRUCT (ATC)

QUICK START GUIDE

1. **Pay Invoice:** Please pay enclosed invoice before due date.
2. **Fully Understand ATC:** Make sure you understand ALL conditions in the ATC prior to construction, modification and/or operation.
3. **Follow ATC:** You must construct, modify and/or operate your equipment as specified on the ATC. Any unspecified changes may require a new ATC.
4. **Notify District:** You must notify the District's Compliance Department, at the telephone numbers below, upon start-up and/or operation under the ATC. Please record the date construction or modification commenced and the date the equipment began operation under the ATC. You may NOT operate your equipment until you have notified the District's Compliance Department. A startup inspection may be required prior to receiving your Permit to Operate.
5. **Source Test:** Schedule and perform any required source testing. See http://www.valleyair.org/busind/comply/source_testing.htm for source testing resources.
6. **Maintain Records:** Maintain all records required by ATC. Records are reviewed during every inspection (or upon request) and must be retained for at least 5 years. Sample record keeping forms can be found at http://www.valleyair.org/busind/comply/compliance_forms.htm.

By operating in compliance, you are doing your part to improve air quality for all Valley residents.

**For assistance, please contact District Compliance staff at
any of the telephone numbers listed below.**

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Executive Director/Air Pollution Control Officer

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Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-3-2

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MODIFICATION OF 1,919 BHP DETROIT DIESEL MODEL 91637316 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR: LIMIT TOTAL FACILITY-WIDE NOX AND VOC EMISSIONS EACH TO 19,999 LB/YEAR

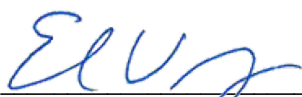
CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
5. This engine shall be equipped with either a positive crankcase ventilation (PCV) system that recirculates crankcase emissions into the air intake system for combustion, or a crankcase emissions control device of at least 90% control efficiency. [District Rule 2201]
6. Engine shall be equipped with a turbocharger. [District Rule 2201]
7. Engine shall be equipped with an aftercooler or intercooler. [District Rule 2201]
8. The engine shall be operated with the injection timing retarded four degrees from the manufacturer's recommended setting. [District Rule 2201]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-3-2 : Jun 12 2022 9:27AM -- NORMANR : Joint Inspection Required with NORMANR

9. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours, unless the District determines that a non-resettable hour meter with a different minimum display capability is appropriate in consideration of the historical use of the engine and the owner or operator's compliance history. [District Rules 2201 and 4702, and 17 CCR 93115]
10. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115]
11. Emissions from this IC engine shall not exceed any of the following limits: 8.85 g-NOx/bhp-hr, 4.26 g-CO/bhp-hr, or 0.35 g-VOC/bhp-hr. [District Rule 2201]
12. Emissions from this IC engine shall not exceed 0.417 g-PM10/bhp-hr based on ISO 8178 test procedure. [District Rule 2201]
13. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702]
14. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702]
15. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702 and 17 CCR 93115]
16. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702 and 17 CCR 93115]
17. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 20 hours per calendar year. [District Rules 2201 and 4702, and 17 CCR 93115]
18. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702 and 17 CCR 93115]
19. The permittee shall maintain monthly records of the type of fuel purchased and the amount of fuel used in the engine each month in gallons. [District Rules 2201 and 4702, and 17 CCR 93115]
20. Total facility-wide NOx emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
21. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
22. On a monthly basis, the permittee shall calculate and record the total NOx and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
23. The total NOx and VOC emissions from this unit in each calendar month shall be calculated as follows using the NOx and VOC emission factors given in this permit: $\text{NOx (lb in month)} = [\text{fuel use in month (gal)}] \times [137,381 \text{ Btu/gal}] \times [1 \text{ bhp-hr}/7,000 \text{ Btu}] \times 8.85 \text{ g-NOx/bhp-hr} \div 453.59 \text{ g/lb}$, and $\text{VOC (lb in month)} = [\text{fuel use in month (gal)}] \times [137,381 \text{ Btu/gal}] \times [1 \text{ bhp-hr}/7,000 \text{ Btu}] \times 0.35 \text{ g-VOC/bhp-hr} \div 453.59 \text{ g/lb}$. [District Rule 2201]
24. On a monthly basis, the permittee shall calculate and record the total facility-wide NOx and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NOx and VOC emissions shall be calculated by summing the NOx and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]

CONDITIONS CONTINUE ON NEXT PAGE

25. 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, 2201, and 4702 and 17 CCR 93115]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-5-2

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MODIFICATION OF 19.95 MMBTU/HR HURST MODEL 54X-500-15 NATURAL GAS-FIRED BOILER WITH A POWER FLAME MODEL NVC-10-G-30 ULTRA-LOW NOX BURNER: LIMIT TOTAL FACILITY-WIDE NOX AND VOC EMISSIONS EACH TO 19,999 LB/YEAR

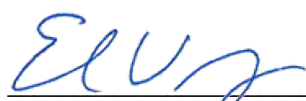
CONDITIONS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
6. Emissions rates from this unit shall not exceed any of the following limits: 9 ppmv NOx @ 3% O2 or 0.011 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.003 lb-PM10/MMBtu, 100 ppmv CO @ 3% O2 or 0.074 lb-CO/MMBtu, or 0.004 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-5-2 : Jun 12 2022 9:27AM -- NORMANR : Joint Inspection Required with NORMANR

7. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
8. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer or the District-approved in-stack emission monitor(s), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or in-stack emission monitor 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 2201, 4305, 4306, and 4320]
9. 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 and any in-stack emission monitors 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 2201, 4305, 4306, and 4320]
10. 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 2201, 4305, 4306, and 4320]
11. 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 2201, 4305, 4306, and 4320]
12. Source testing to measure combustion NO_x 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 2201, 4305, 4306, and 4320]
13. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
14. 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]
15. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
16. 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]
17. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

18. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
19. 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]
20. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
21. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
22. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
23. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
24. Total facility-wide NO_x emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
25. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
26. On a monthly basis, the permittee shall calculate and record the total NO_x and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
27. The total NO_x and VOC emissions from this unit in each calendar month shall be calculated as follows using the NO_x emission factor given in this permit or from the most recent source test, and the VOC emission factor given in this permit: lb-pollutant in month = [HHV Heat Input in Month (MMBtu)] x [Emission Factor (lb-pollutant/MMBtu)]. [District Rule 2201]
28. On a monthly basis, the permittee shall calculate and record the total facility-wide NO_x and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NO_x and VOC emissions shall be calculated by summing the NO_x and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]
30. An Emission Control Plan and any required Authority to Construct (ATC) application shall be submitted for this unit for compliance with the applicable Tier 2 emission limits of District Rule 4306 by May 1, 2028 and the applicable requirements of District Rule 4320 by May 1, 2022 and the unit shall be in full compliance with the applicable Tier 2 emissions limits of District Rule 4306 on and after December 31, 2029 and in full compliance with the applicable requirements of District Rule 4320 on and after December 31, 2023. [District Rules 4306 and 4320]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-7-2

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MODIFICATION OF 19.95 MMBTU/HR HURST MODEL S5-X-500-150 NATURAL GAS-FIRED BOILER WITH A POWER FLAME MODEL NVC-10-G-30 ULTRA-LOW NOX BURNER: LIMIT TOTAL FACILITY-WIDE NOX AND VOC EMISSIONS EACH TO 19,999 LB/YEAR

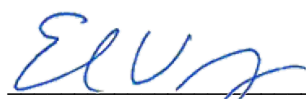
CONDITIONS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
6. Emissions rates from this unit shall not exceed any of the following limits: 9 ppmv NO_x @ 3% O₂ or 0.011 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.003 lb-PM₁₀/MMBtu, 100 ppmv CO @ 3% O₂ or 0.074 lb-CO/MMBtu, or 0.004 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

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7. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
8. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer or the District-approved in-stack emission monitor(s), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or in-stack emission monitor 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 2201, 4305, 4306, and 4320]
9. 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 and any in-stack emission monitors 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 2201, 4305, 4306, and 4320]
10. 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 2201, 4305, 4306, and 4320]
11. 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 2201, 4305, 4306, and 4320]
12. Source testing to measure combustion NO_x 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 2201, 4305, 4306, and 4320]
13. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
14. 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]
15. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
16. 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]
17. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

18. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
19. 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]
20. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
21. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
22. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
23. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
24. Total facility-wide NO_x emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
25. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
26. On a monthly basis, the permittee shall calculate and record the total NO_x and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
27. The total NO_x and VOC emissions from this unit in each calendar month shall be calculated as follows using the NO_x emission factor given in this permit or from the most recent source test, and the VOC emission factor given in this permit: $\text{lb-pollutant in month} = [\text{HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-pollutant/MMBtu)}]$. [District Rule 2201]
28. On a monthly basis, the permittee shall calculate and record the total facility-wide NO_x and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NO_x and VOC emissions shall be calculated by summing the NO_x and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]
30. An Emission Control Plan and any required Authority to Construct (ATC) application shall be submitted for this unit for compliance with the applicable Tier 2 emission limits of District Rule 4306 by May 1, 2028 and the applicable requirements of District Rule 4320 by May 1, 2022 and the unit shall be in full compliance with the applicable Tier 2 emissions limits of District Rule 4306 on and after December 31, 2029 and in full compliance with the applicable requirements of District Rule 4320 on and after December 31, 2023. [District Rules 4306 and 4320]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-9-1

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MODIFICATION OF 19.95 MMBTU/HR HURST MODEL S5-X-500-150 NATURAL GAS-FIRED BOILER WITH A POWER FLAME MODEL NVC11-G-30 ULTRA-LOW NOX BURNER: LIMIT TOTAL FACILITY-WIDE NOX AND VOC EMISSIONS EACH TO 19,999 LB/YEAR

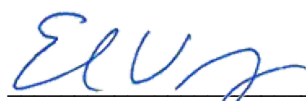
CONDITIONS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
7. Emissions rates from this unit shall not exceed any of the following limits: 7 ppmvd NOx @ 3% O2 or 0.0085 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.003 lb-PM10/MMBtu, 50 ppmvd CO @ 3% O2 or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-9-1 : Jun 12 2022 9:28AM -- NORMANR : Joint Inspection Required with NORMANR

8. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
9. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer or the District-approved in-stack emission monitor(s), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or in-stack emission monitor 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 2201, 4305, 4306, and 4320]
10. 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 and any in-stack emission monitors 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 2201, 4305, 4306, and 4320]
11. 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 2201, 4305, 4306, and 4320]
12. 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 2201, 4305, 4306, and 4320]
13. Source testing to measure combustion NO_x 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 2201, 4305, 4306, and 4320]
14. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
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]
16. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
17. 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]
18. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

19. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
20. 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]
21. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
22. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
23. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
24. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
25. Total facility-wide NO_x emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
26. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
27. On a monthly basis, the permittee shall calculate and record the total NO_x and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
28. The total NO_x and VOC emissions from this unit in each calendar month shall be calculated as follows using the NO_x emission factor given in this permit or from the most recent source test, and the VOC emission factor given in this permit: lb-pollutant in month = [HHV Heat Input in Month (MMBtu)] x [Emission Factor (lb-pollutant/MMBtu)]. [District Rule 2201]
29. On a monthly basis, the permittee shall calculate and record the total facility-wide NO_x and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NO_x and VOC emissions shall be calculated by summing the NO_x and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]
31. An Emission Control Plan and any required Authority to Construct (ATC) application shall be submitted for this unit for compliance with the applicable requirements of District Rule 4320 by May 1, 2022 and the unit shall be in full compliance with the with the applicable requirements of District Rule 4320 on and after December 31, 2023. [District Rule 4320]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-10-1

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MODIFICATION OF 19.95 MMBTU/HR SUPERIOR MODEL SX8-X-1500-PFCF-G NATURAL GAS-FIRED BOILER WITH A POWER FLAME MODEL NVC11-G-30 ULTRA-LOW NOX BURNER: LIMIT FACILITY-WIDE NOX AND VOC EMISSIONS TO 19,999 LB/YEAR

CONDITIONS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
7. Emissions rates from this unit shall not exceed any of the following limits: 7 ppmvd NOx @ 3% O2 or 0.0084 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.003 lb-PM10/MMBtu, 50 ppmvd CO @ 3% O2 or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-10-1: Jun 12 2022 9:28AM -- NORMANR : Joint Inspection Required with NORMANR

8. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
9. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer or the District-approved in-stack emission monitor(s), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or in-stack emission monitor 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 2201, 4305, 4306, and 4320]
10. 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 and any in-stack emission monitors 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 2201, 4305, 4306, and 4320]
11. 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 2201, 4305, 4306, and 4320]
12. 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 2201, 4305, 4306, and 4320]
13. Source testing to measure combustion NO_x 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 2201, 4305, 4306, and 4320]
14. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
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]
16. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
17. 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]
18. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

19. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
20. 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]
21. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
22. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
23. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
24. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
25. Total facility-wide NO_x emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
26. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
27. On a monthly basis, the permittee shall calculate and record the total NO_x and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
28. The total NO_x and VOC emissions from this unit in each calendar month shall be calculated as follows using the NO_x emission factor given in this permit or from the most recent source test, and the VOC emission factor given in this permit: lb-pollutant in month = [HHV Heat Input in Month (MMBtu)] x [Emission Factor (lb-pollutant/MMBtu)]. [District Rule 2201]
29. On a monthly basis, the permittee shall calculate and record the total facility-wide NO_x and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NO_x and VOC emissions shall be calculated by summing the NO_x and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]
31. An Emission Control Plan and any required Authority to Construct (ATC) application shall be submitted for this unit for compliance with the applicable requirements of District Rule 4320 by May 1, 2022 and the unit shall be in full compliance with the with the applicable requirements of District Rule 4320 on and after December 31, 2023. [District Rule 4320]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-11-1

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MODIFICATION OF 250 BHP JOHN DEERE (INTERMITTENT) MODEL 6068HF485TU TIER 3 CERTIFIED DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING A FIREWATER PUMP: LIMIT TOTAL FACILITY-WIDE NOX AND VOC EMISSIONS EACH TO 19,999 LB/YEAR

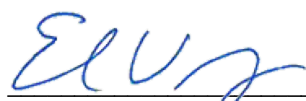
CONDITIONS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. This engine shall be equipped with a non-resettable hour meter with a minimum display capability of 9,999 hours. [District Rules 2201 and 4702, and 17 CCR 93115]
5. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, and 17 CCR 93115]
6. Emissions from this IC engine shall not exceed any of the following limits: 2.7 g-NOx/bhp-hr, 0.4 g-CO/bhp-hr, or 0.1 g-VOC/bhp-hr. [District Rule 2201 and 17 CCR 93115]
7. Emissions from this IC engine shall not exceed 0.06 g-PM10/bhp-hr based on USEPA certification using ISO 8178 test procedure. [District Rules 2201 and 4102, and 17 CCR 93115]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-11-1: Jun 12 2022 9:28AM -- NORMANR : Joint Inspection Required with NORMANR

8. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and to preserve or protect property, human life, or public health during a fire. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems". Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rules 2201, 4102, and 4702, and 17 CCR 93115]
9. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, emergency firefighting, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rules 2201 and 4702, and 17 CCR 93115]
10. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]
11. Total facility-wide NO_x emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
12. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
13. On a monthly basis, the permittee shall calculate and record the total NO_x and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
14. The total NO_x and VOC emissions from this unit in each calendar month shall be calculated as follows using the NO_x and VOC emission factors given in this permit: $\text{lb-pollutant in month} = [\text{Maximum Rated bhp (250 bhp)}] \times [\text{Emission Factor (g-pollutant/bhp-hr)}] \times (1 \text{ lb}/453.59 \text{ g}) \times [\text{Hours of Operation in month (hours)}]$. [District Rule 2201]
15. On a monthly basis, the permittee shall calculate and record the total facility-wide NO_x and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NO_x and VOC emissions shall be calculated by summing the NO_x and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
16. 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, 2201, and 4702 and 17 CCR 93115]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-12-0

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

MEAT RENDERING OPERATION WITH ONE RAW MATERIAL RECEIVING SYSTEM, CONSISTING OF RAW MATERIAL BINS, AN ENCLOSED SCREW CONVEYOR, AND TWO PRECRUSHERS, TWO DUPPS MODEL 440U SUPERCOOKOR COOKERS, ONE HEAT EXCHANGER, ONE AIR-COOLED CONDENSER SYSTEM, TWO DRAINERS, TWO DRAINER DISCHARGE CONVEYORS, TWO SWECO SCREENS, TWO CENTRIFUGES, SIX SCREW PRESSES, ONE CRAX HOPPER/BIN, TWO SCREENS, TWO CRAX GRINDER/HAMMERMILLS, AN EMISSION/ODOR CONTROL SYSTEM CONSISTING OF A TWO-STAGE VENTURI/PACKED BED SCRUBBER SYSTEM AND A 7.4 MMBTU/HR REGENERATIVE THERMAL OXIDIZER (RTO) IN SERIES (SERVING THE COOKING PROCESS, PRESSES, CENTRIFUGES, CRAX SCREENS AND CONVEYORS, DRAINERS, AND CONDENSERS), AN EMISSION/ODOR CONTROL SYSTEM CONSISTING OF A CYCLONE AND TWO-STAGE VENTURI/PACKED BED SCRUBBER SYSTEM IN SERIES (SERVING MATERIAL HANDLING AND GRINDING OPERATIONS), TWO 100,000 CFM PACKED BED SCRUBBERS (SERVING ROOM AIR), AND PERMIT EXEMPT FAT STORAGE TANKS

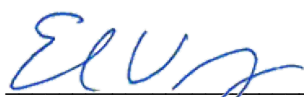
CONDITIONS

1. Prior to operating any piece of equipment under this Authority to Construct (ATC), the permittee shall surrender PM10 emission reduction credits (ERCs) for the following quantity of emissions: 1st quarter - 1,959 lb, 2nd quarter - 1,959 lb, 3rd quarter - 1,959 lb, and 4th quarter - 7,133 lb, and shall surrender PM2.5 ERCs for the following quantity of emissions: 1st quarter - 1,014 lb, 2nd quarter - 1,014 lb, 3rd quarter - 1,014 lb, and 4th quarter - 1,461 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERCs specified below. [District Rule 2201]
2. ERC Certificate Numbers C-1528-4 and N-1552-4 (or certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC. [District Rule 2201]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-12-0: Jun 12 2022 9:29AM -- NORMANR : Joint Inspection Required with NORMANR

3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
4. If permittee wishes to seek breakdown relief under District Rule 1100, permittee shall notify the District of any breakdown condition as defined in the rule as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. Conditions that constitute or cause a nuisance shall not be eligible for breakdown relief under District Rule 1100. [District Rule 1100]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
7. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
8. The exhaust stacks shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
9. The rendering operation, associated equipment, and the facility's surrounding property shall be operated and maintained in such a manner as to prevent the generation of odors which may constitute a nuisance. [District Rule 4102]
10. The wastewater system shall be operated and maintained such that it does not cause a public nuisance. [District Rule 4102]
11. All air pollution control equipment shall be maintained in good operating condition and shall be operated in accordance with the manufacturer's instructions when the process equipment is in operation. [District Rule 4102]
12. All air pollution equipment and associated ducting shall be maintained in a leak-free manner to prevent the escape of air contaminants to the outside atmosphere prior to their treatment in the emissions/odor control system. [District Rule 4102]
13. The processing building shall be kept under negative pressure at all times when receiving or storing raw material or in the process of rendering, except during limited periods when the receiving area doors are open to allow for entry/exit of raw material delivery trucks or during an equipment breakdown as defined in Rule District 1100. [District Rules 2201 and 4102]
14. The rendering operation shall not receive, store, or render raw material unless the odor control system is fully operating, except during periods of equipment breakdown as determined by the District under District Rule 1100. During operation, all process-related potential points of odor shall be contained and/or treated to prevent escape into the atmosphere and shall only be vented to the odor control system. [District Rule 4102]
15. Raw material delivery trucks shall be unloaded within 4 hours of being scaled. Raw material delivery trucks shall not be stored or staged without first being scaled. [District Rule 4102]
16. If raw material delivery trucks cannot be unloaded within 4 hours of being scaled due to an equipment malfunction, raw material shall be temporarily staged in a covered manner not to exceed 8 hours. [District Rule 4102]
17. Incoming raw material trucks shall only be unloaded into the enclosed receiving area that is served by the rendering plant room air scrubbers. [District Rule 4102]
18. No outside storage of raw material is allowed, except as otherwise specified in this permit. Trucks waiting their turn to unload within the 4-hour unload time limitation are not considered outside storage. [District Rule 4102]
19. All material received shall be processed within 24 hours of receipt. Each delivery of material shall be monitored and records shall be maintained to ensure that processing is performed within this time limit. [District Rules 2201 and 4102]
20. If raw material cannot be processed within 24 hours of receipt, raw material shall be diverted to other facilities. No further deliveries shall be received until a 24 hour turnaround for raw material is achievable. [District Rule 4102]
21. All raw material trucks shall be maintained in condition to prevent leakage of solid or liquid material. [District Rule 4102]

CONDITIONS CONTINUE ON NEXT PAGE

22. Trucks delivering raw material shall be washed clean of raw material and raw material residue prior to exiting the raw material receiving area to minimize nuisance emissions. Truck tires shall be washed as necessary to limit trackout of raw material or raw material residue. [District Rule 4102]
23. The raw material receiving area shall be washed as necessary to prevent any trackout of odor-causing materials. [District Rule 4102]
24. The building doors shall remain closed except during actual entry or exit of trucks and/or personnel or in case of emergency. [District Rule 4102]
25. Vapors from the cookers shall be captured and vented to the shell-and-tube or air-cooled condenser(s), the two-stage scrubber system, and the Regenerative Thermal Oxidizer (RTO), in series. [District Rules 2201, 4102, and 4104]
26. Vapors from the drainer, drainer discharge conveyor(s), screw presses, screen(s), and centrifuge(s) shall be captured and vented to the two-stage scrubber system, and RTO, in series. [District Rules 2201, 4102 and 4104]
27. The material handling and processing system, including the screen(s), hammermill, and crax transfer conveyor, shall be vented to a cyclone to control particulate matter (PM). The cyclone serving the material handling and processing system and air from the grinding room shall be vented to a two-stage scrubber system, consisting of a venturi scrubber and a packed bed scrubber connected in series. [District Rules 2201 and 4102]
28. Only Public Utility Commission (PUC) regulated natural gas shall be used as supplemental fuel in the RTO. [District Rule 2201]
29. In the event the RTO malfunctions during raw material processing, cooker emissions shall be routed to the two-stage scrubber system and then to a packed bed scrubber serving the rendering plant room air, in series. The RTO shall be restarted as soon as practical and upon reaching operating temperature the contaminated air stream shall be immediately re-routed to the RTO. [District Rules 2201 and 4102]
30. For each of the packed bed scrubbers, the scrubbing solution shall be delivered at a minimum rate of 10 gallons per minute for every 1,000 cubic feet per minute (cfm) of exhaust flowrate. [District Rules 2201 and 4102]
31. For each of the venturi scrubbers, the scrubbing solution shall be delivered at a minimum rate of 4 gallons per minute for every 1,000 cubic feet per minute (cfm) of exhaust flowrate. [District Rules 2201 and 4102]
32. The differential pressure across each of the packed bed scrubbers and venturi scrubbers shall be maintained in the range recommended by the manufacturer. Documentation of the manufacturer's recommended differential pressure range for each scrubber shall be maintained and the acceptable differential pressure range for each scrubber shall be established at the initial inspection. [District Rules 1070, 2201, and 4102]
33. The RTO shall be operated with a combustion chamber temperature of no less than 1,400 degrees F and the retention time shall be no less than 1.0 seconds. The RTO temperature shall be monitored and recorded utilizing a continuous monitoring and recording device. The monitoring and recording device shall be maintained in proper operating condition at all times. [District Rules 2201, 4102, and 4104]
34. The RTO shall be heated to the proper operating temperature prior to introducing the contaminated air stream. [District Rules 2201, 4102, and 4104]
35. The total raw material process rate for this rendering operation shall not exceed either of the following limits: 2,333 tons in any day and 425,730 tons in any year. [District Rule 2201]
36. The total amount of meat and bone meal (MBM)/protein solids produced by the rendering operation shall not exceed either of the following limits: 663 tons in any day and 120,989 tons in any year. [District Rule 2201]
37. The emissions rates from the exhaust of the RTO that result from the raw material processed, not including SO_x, PM₁₀, and VOC emissions from the combustion of natural gas as supplemental fuel in the RTO, shall not exceed any of the following limits, in pounds per ton of raw material processed: 0.015 lb-NO_x/ton, 0.0335 lb-SO_x/ton, 0.0033 lb-PM₁₀/ton, 0.0052 lb-VOC/ton, or 0.00087 lb-NH₃/ton. [District Rules 2201 and 4801]
38. The SO_x, PM₁₀, CO, and VOC emissions rates from the combustion of natural gas in the RTO as supplemental fuel, shall not exceed any of the following limits: 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 0.084 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4801]

CONDITIONS CONTINUE ON NEXT PAGE

39. The controlled emissions rate from the exhaust of the packed bed scrubbers serving the rendering plant room air shall not exceed any of the following limits: PM10: 0.001 gr/dscf or 0.0088 lb/ton (compliance may be shown for either the PM10 concentration limit or process rate based PM10 limit), VOC: 3.0 ppmv as CH₄, NH₃: 1.0 ppmv, or H₂S: 0.8 ppmv. [District Rule 2201]
40. The total PM10 emissions from the packed bed scrubbers serving the rendering plant room air shall not exceed 20.6 lb-PM10/day. To ensure compliance with the daily emission limit for PM10 from the packed bed scrubbers serving the rendering plant room, the total combined exhaust flowrate of the packed bed scrubbers serving the rendering plant room air shall not exceed 100,000 standard cubic feet per minute (scfm) until source testing has demonstrated that the packed bed scrubbers serving the rendering plant room air can comply with the daily emission limit for PM10 with a higher total combined exhaust flow rate. Records of the total combined exhaust flowrate of the packed bed scrubbers serving the rendering plant room air shall be maintained for each day that the scrubbers operate. [District Rules 1070 and 2201]
41. The total controlled PM10 emission rate from the scrubber(s) serving the material handling and processing system and air from the grinding room shall not exceed 0.0010692 lb-PM10/ton of MBM/protein solids produced. [District Rule 2201]
42. Source testing to measure the NO_x, SO_x, PM10, CO, VOC, and NH₃ emission rates from the exhaust of the RTO shall be conducted within 60 days of startup. [District Rule 2201]
43. Source testing to measure the NO_x, PM10, and VOC emission rates from the exhaust of the RTO shall be conducted least once every 12 months. [District Rule 2201]
44. Source testing to measure the PM10, VOC, NH₃, and H₂S emissions from the exhaust of the packed bed scrubbers serving the rendering plant room air shall be conducted within 60 days of startup. [District Rule 2201]
45. Source testing to measure the PM10, VOC, NH₃, and H₂S emissions from the exhaust of the packed bed scrubbers serving the rendering plant room air shall be conducted least once every 24 months. [District Rule 2201]
46. Source testing shall be performed while processing raw material at or near the maximum capacity of the rendering operation or under at another capacity that the District has previously approved in writing. [District Rules 1081 and 2201]
47. Source testing to measure NO_x emissions shall be conducted using EPA Method 7E or ARB Method 100, or an alternative method approved in writing by the District. [District Rules 1081 or 2201]
48. Source testing to measure SO_x emissions shall be conducted using EPA Method 6C, EPA Method 8, ARB Method 100, or SCAQMD Method 307-91, or an alternative method approved in writing by the District. [District Rules 1081 and 2201]
49. Source testing to measure CO emissions shall be conducted using EPA Method 10 or ARB Method 100, or an alternative method approved in writing by the District. [District Rules 1081 and 2201]
50. Source testing to measure PM10 emissions (filterable and condensable) shall be conducted using EPA Method 201 and 202, EPA Method 201a and 202, or ARB Method 5 in combination with Method 501, or an alternative method approved in writing by the District. [District Rules 1081 and 2201]
51. Source testing to measure the VOC emissions shall be conducted using EPA Methods 18, 25, 25A, or 25B, ARB Method 100, or SCAQMD Method 25.3, or an alternative method approved in writing by the District. For EPA Methods 25, 25A, and 25B, and ARB Method 100, EPA Method 18 may be used to remove methane and ethane in order to determine the VOC concentration. [District Rules 1081 and 2201]
52. Source testing to measure NH₃ emissions shall be conducted using SCAQMD Method 207.1 or BAAQMD ST-1B, or an alternative method approved in writing by the District. [District Rules 1081 and 2201]
53. Source testing to measure H₂S emissions shall be conducted using ARB Method 15 or 16A, EPA Method 11, or SCAQMD Method 307-91, or an alternative method approved in writing by the District. [District Rules 1081 and 2201]
54. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100, or an alternative method approved in writing by the District. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

55. For source testing purposes the following test methods, or alternative test methods approved by the District in writing, shall be used to determine stack gas velocity and stack gas moisture content: stack gas velocity - EPA Method 2 or ARB Method 2; stack gas moisture content - EPA Method 4 or ARB Method 4. [District Rules 1081 and 2201]
56. 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]
57. During source testing of emissions from the rendering operation, the raw material process rate shall be monitored and recorded in tons per hour, and during source testing of emissions from the RTO, the rate of the use of natural gas as fuel in the RTO shall also be monitored and recorded in standard cubic feet per hour (scf/hr) and MMBtu/hr. [District Rules 1070 and 2201]
58. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
59. For each of the packed bed scrubbers, if the scrubbing solution is delivered at a rate less than 10 gallon/minute for every 1,000 cfm of exhaust flowrate or the differential pressure across the scrubber is outside of the range recommended by the manufacturer, as measured by the permittee, the permittee shall correct the delivery rate of the scrubbing solution and/or the differential pressure across the scrubber to acceptable levels as soon as possible, but no longer than 1 hour of operation after detection. If the delivery rate of the scrubbing solution or differential pressure across the scrubber continues to be outside of acceptable ranges after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. Monitoring parameters found by District staff to be outside of established ranges constitute a violation of this permit. [District Rules 2201 and 4102]
60. For each of the venturi scrubbers, if the scrubbing solution is delivered at a rate less than 4 gallon/minute for every 1,000 cfm of exhaust flowrate or the differential pressure across the scrubber is outside of the range recommended by the manufacturer, as measured by the permittee, the permittee shall correct the delivery rate of the scrubbing solution and/or the differential pressure across the scrubber to acceptable levels as soon as possible, but no longer than 1 hour of operation after detection. If the delivery rate of the scrubbing solution or differential pressure across the scrubber continues to be outside of acceptable ranges after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. Monitoring parameters found by District staff to be outside of established ranges constitute a violation of this permit. [District Rules 2201 and 4102]
61. Continuous monitoring equipment shall be used in each packed bed scrubber and each venturi scrubber to monitor the recirculation rate of the scrubbing solution and the differential pressure across each scrubber, and to monitor the oxidation reduction potential of the scrubbing solution in each packed bed scrubber. The recirculation rates of the scrubbing solution shall be measured in gallons per minute. The recirculation rate and differential pressure across each packed bed scrubber and each venturi scrubber, and the oxidation reduction potential of the scrubbing solution in each packed bed scrubber shall be recorded at least once per day while the scrubbers are in operation. The continuous monitoring equipment shall be maintained in proper operating condition at all times. [District Rules 2201 and 4102]
62. The condenser(s) and each scrubber shall be inspected at least once per week and cleaned as needed based on inspection results. Cleaning of condenser(s) and scrubbers shall be scheduled during times when raw materials are not being received or processed. Liquids and any solids shall be disposed of in a manner to prevent release which may constitute a nuisance odor. [District Rules 2201 and 4102]
63. The permittee shall take monthly readings with a portable anemometer to verify that the main processing building is under negative pressure during periods of normal plant operation. The anemometer shall be calibrated per the manufacturer's recommendations. Additionally, the anemometer shall be made available to District inspection staff upon request. Records of anemometer measurements and calibrations shall be kept, maintained, and made readily available for District inspection upon request. [District Rules 1070, 2201, and 4102]
64. The permittee shall keep records of the daily and annual quantity of raw material processed and the meat and bone meal (MBM)/protein solids produced, in tons. [District Rules 1070 and 2201]
65. The permittee shall keep records of the amount of natural gas fuel combusted, in scf and MMBtu, for each month that the RTO is operated. [District Rules 1070 and 2201]

CONDITIONS CONTINUE ON NEXT PAGE

66. The permittee shall keep daily records of the maximum exhaust flow rate in scfm and the hours of operation of each of the packed bed scrubbers serving the rendering plant room air and shall keep daily and monthly records of the total combined amount of air exhausted from the packed bed scrubbers serving the rendering plant room air in scf. If more accurate measurements are not available to calculate the total amount of air exhausted (scf) from each packed bed scrubber each day, then the total amount of air exhausted from each packed bed scrubber each day shall be calculated as the maximum exhaust flow rate in scfm for the particular day multiplied by 60 min/hr multiplied by the total hours of operation of the packed bed scrubber for that day. The total combined amount of air exhausted from the packed bed scrubbers in each month shall be calculated as the sum of the total amount of air exhausted from the packed bed scrubbers for each day during the particular month. [District Rules 1070 and 2201]
67. Total facility-wide NO_x emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
68. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
69. On a monthly basis, the permittee shall calculate and record the total NO_x and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
70. The total NO_x emissions from this unit in each calendar month shall be calculated as follows using the NO_x emission factor from the most recent source test of exhaust emissions from the RTO: lb-NO_x in month = [tons material processed in month (ton)] x [NO_x emission factor (lb-NO_x/ton)]. [District Rule 2201]
71. The total VOC emissions from this unit in each calendar month shall be calculated as follows using the VOC emission factor from the most recent source test of exhaust emissions from the RTO, the VOC emission factor given in this permit for the combustion of natural gas as supplemental fuel in the RTO, and the VOC concentration from the most recent source test of exhaust emissions from the packed bed scrubbers serving the rendering plant room air: lb-VOC in month = [tons material processed in month (ton)] x [VOC emission factor (lb-VOC/ton)] + [HHV Heat Input in Month (MMBtu)] x [Supplemental Fuel VOC Emission Factor (0.0055 lb-VOC/MMBtu)] + [Total amount of air exhausted from packed bed scrubbers serving room in air in month (scf)] x [VOC concentration (ppmv)] x [0.000001 x (1 lb-mol)/(379.5 scf) x (16 lb-VOC)/(1 lb-mol)]. [District Rule 2201]
72. On a monthly basis, the permittee shall calculate and record the total facility-wide NO_x and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NO_x and VOC emissions shall be calculated by summing the NO_x and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
73. All records shall be maintained for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-13-0

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

PROTEIN STORAGE AND MEAT AND BONE MEAL (MBM) LOADOUT OPERATION WITH FOUR 4,700 CUBIC FEET (173,000 LB) STORAGE SILOS, EACH SERVED BY A BIN VENT FILTER

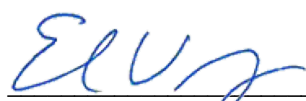
CONDITIONS

1. Prior to operating any piece of equipment under this Authority to Construct (ATC), the permittee shall surrender PM10 emission reduction credits (ERCs) for the following quantity of emissions: 1st quarter - 4 lb, 2nd quarter - 4 lb, 3rd quarter - 4 lb, and 4th quarter - 15 lb, and shall surrender PM2.5 ERCs for the following quantity of emissions: 1st quarter - 2 lb, 2nd quarter - 2 lb, 3rd quarter - 2 lb, and 4th quarter - 3 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERCs specified below.. [District Rule 2201]
2. ERC Certificate Numbers C-1528-4 and N-1552-4 (or certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC. [District Rule 2201]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-13-0: Jun 12 2022 9:29AM -- NORMANR : Joint Inspection Required with NORMANR

7. Visible emissions from the bin vent filters serving the meat and bone meal (MBM) storage silos shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 2201 and 4101]
8. The bin vent filters shall be maintained and operated according to manufacturer's specifications. [District Rule 2201]
9. The cleaning frequency and duration of cleaning of the bin vent filters shall be adjusted to optimize the PM control efficiency. [District Rule 2201]
10. A spare set of filters shall be maintained for each bin vent filter at all times. [District Rule 2201]
11. Material removed from the filters shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
12. The amount of meat and bone meal (MBM)/protein loaded out shall not exceed either of the following limits: 663 tons in any day and 120,989 tons in any year. [District Rule 2201]
13. PM10 emissions from the MBM/protein solids loadout operation shall not exceed 0.0001616 lb/ton of protein loaded out. [District Rule 2201]
14. The permittee shall keep records of the daily and annual amount of product loaded out, in tons. [District Rules 1070 and 2201]
15. Records of all maintenance of the bin vent filters, including all change outs of filter media, shall be maintained. [District Rules 1070 and 2201]
16. All records shall be maintained for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-14-0

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

61.991 MMBTU/HR CLEAVER BROOKS, MODEL CBEX-2W-700-1500-150ST, NATURAL GAS FIRED-BOILER WITH A CLEAVER BROOKS LOW NOX BURNER, INDUCED FLUE GAS RECIRCULATION (FGR), AND A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

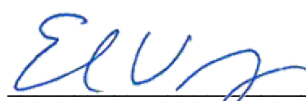
CONDITIONS

1. Prior to operating any piece of equipment under this Authority to Construct (ATC), the permittee shall surrender PM10 emission reduction credits (ERCs) for the following quantity of emissions: 1st quarter - 335 lb, 2nd quarter - 335 lb, 3rd quarter - 335 lb, and 4th quarter - 1,218 lb and shall surrender PM2.5 ERCs for the following quantity of emissions: 1st quarter - 537 lb, 2nd quarter - 537 lb, 3rd quarter - 537 lb, and 4th quarter - 774 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERCs specified below. [District Rule 2201]
2. ERC Certificate Numbers C-1528-4 and N-1552-4 (or certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC. [District Rule 2201]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-14-0 : Jun 12 2022 9:29AM -- NORMANR : Joint Inspection Required with NORMANR

7. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
9. Except during start-up and shutdown, emissions rates from this unit shall not exceed any of the following limits: 2.5 ppmv NO_x @ 3% O₂ or 0.003 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.003 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
10. During start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 30 ppmvd NO_x @ 3% O₂ (equivalent to 0.036 lb-NO_x/MMBtu); 0.00285 lb-SO_x/MMBtu; 0.003 lb-PM₁₀/MMBtu; 100 ppmvd CO @ 3% O₂ or 0.074 lb-CO/MMBtu; or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
11. The total time this unit is operated for start-up and shutdown (as defined in Rule 4320) shall not exceed 1.5 hours in any day. Records shall be maintained of the time of the beginning and end of each start-up and shutdown period and the total time of start-up and shutdown periods for each day that this unit operates. [District Rules 2201, 4305, 4306, and 4320]
12. The selective catalytic reduction (SCR) system shall be in operation and emissions shall be minimized insofar as technologically feasible during start-up and shutdown periods. [District Rules 2201, 4305, 4306, and 4320]
13. Ammonia (NH₃) emissions shall not exceed 10 ppmvd @ 3% O₂. [District Rules 2201 and 4102]
14. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
15. The permittee shall monitor and record the stack concentration of NH₃ at least once every calendar month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. 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 2201 and 4102]
16. If the NO_x, CO, or NH₃ concentrations corrected to 3% O₂, as measured by the portable analyzer, the District-approved in-stack emission monitor(s), or the District-approved ammonia monitoring equipment, 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, in-stack emission monitor, or ammonia monitoring equipment 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 2201, 4305, 4306, and 4320]
17. 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 and any in-stack emission monitors 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 District Rules 2201, 4305, 4306, and 4320]

18. 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 and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) the make and model of portable emission analyzer(s) and in-stack emission analyzer(s), (4) emission 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 within the acceptable range. [District Rules 2201, 4305, 4306, and 4320]
19. 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 2201, 4305, 4306, and 4320]
20. Source testing to measure NO_x, CO, and NH₃ emissions from this unit while fired on natural gas shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, 4306, and 4320]
21. Source testing to measure combustion 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, 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 2201, 4305, 4306, and 4320]
22. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
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]
24. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
25. 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]
26. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
27. NH₃ emissions for source test purposes shall be determined using BAAQMD ST-1B or SCAQMD Method 207-1. [District Rules 1081 and 2201]
28. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
29. 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]
30. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
31. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
32. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
33. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]

CONDITIONS CONTINUE ON NEXT PAGE

34. Records shall be maintained of the amount of fuel used in this unit, in standard cubic feet (scf), during each start-up and shutdown period as determined using the fuel flow meter, and of the total amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), during start-up and shutdown for each month in which the unit is operated. [District Rules 1070 and 2201]
35. Total facility-wide NOx emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
36. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
37. On a monthly basis, the permittee shall calculate and record the total NOx and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
38. The total NOx emissions from this unit in each calendar month shall be calculated as follows using the NOx emission factors given in this permit or from the most recent source test: $\text{lb-NOx in month} = [\text{start-up and shutdown NOx emissions in month (lb-NOx)}] + [\text{steady state NOx emissions in month (lb-NOx)}]$, where the start-up and shutdown NOx emissions in month and steady state NOx emissions in month are calculated as follows: $[\text{start-up and shutdown NOx emissions in month (lb-NOx)}] = [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}] \times [0.036 \text{ lb-NOx/MMBtu}]$ and $[\text{steady state NOx emissions in month (lb-NOx)}] = [\text{steady state HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-NOx/MMBtu)}]$, where $[\text{steady state HHV Heat Input in Month (MMBtu)}] = [\text{total HHV Heat Input in Month (MMBtu)}] - [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}]$. [District Rule 2201]
39. The total VOC emissions from this unit in each calendar month shall be calculated as follows using the VOC emission factor given in this permit: $\text{lb-VOC in month} = [\text{HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-VOC/MMBtu)}]$. [District Rule 2201]
40. On a monthly basis, the permittee shall calculate and record the total facility-wide NOx and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NOx and VOC emissions shall be calculated by summing the NOx and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-15-0

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

61.991 MMBTU/HR CLEAVER BROOKS, MODEL CBEX-2W-700-1500-150ST, NATURAL GAS FIRED-BOILER WITH A CLEAVER BROOKS LOW NOX BURNER, INDUCED FLUE GAS RECIRCULATION (FGR), AND A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

CONDITIONS

1. Prior to operating any piece of equipment under this Authority to Construct (ATC), the permittee shall surrender PM10 emission reduction credits (ERCs) for the following quantity of emissions: 1st quarter - 335 lb, 2nd quarter - 335 lb, 3rd quarter - 335 lb, and 4th quarter - 1,218 lb and shall surrender PM2.5 ERCs for the following quantity of emissions: 1st quarter - 537 lb, 2nd quarter - 537 lb, 3rd quarter - 537 lb, and 4th quarter - 774 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERCs specified below. [District Rule 2201]
2. ERC Certificate Numbers C-1528-4 and N-1552-4 (or certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC. [District Rule 2201]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-15-0 : Jun 12 2022 9:29AM -- NORMANR : Joint Inspection Required with NORMANR

7. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
9. Except during start-up and shutdown, emissions rates from this unit shall not exceed any of the following limits: 2.5 ppmv NO_x @ 3% O₂ or 0.003 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.003 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
10. During start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 30 ppmvd NO_x @ 3% O₂ (equivalent to 0.036 lb-NO_x/MMBtu); 0.00285 lb-SO_x/MMBtu; 0.003 lb-PM₁₀/MMBtu; 100 ppmvd CO @ 3% O₂ or 0.074 lb-CO/MMBtu; or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
11. The total time this unit is operated for start-up and shutdown (as defined in Rule 4320) shall not exceed 1.5 hours in any day. Records shall be maintained of the time of the beginning and end of each start-up and shutdown period and the total time of start-up and shutdown periods for each day that this unit operates. [District Rules 2201, 4305, 4306, and 4320]
12. The selective catalytic reduction (SCR) system shall be in operation and emissions shall be minimized insofar as technologically feasible during start-up and shutdown periods. [District Rules 2201, 4305, 4306, and 4320]
13. Ammonia (NH₃) emissions shall not exceed 10 ppmvd @ 3% O₂. [District Rules 2201 and 4102]
14. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
15. The permittee shall monitor and record the stack concentration of NH₃ at least once every calendar month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. 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 2201 and 4102]
16. If the NO_x, CO, or NH₃ concentrations corrected to 3% O₂, as measured by the portable analyzer, the District-approved in-stack emission monitor(s), or the District-approved ammonia monitoring equipment, 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, in-stack emission monitor, or ammonia monitoring equipment 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 2201, 4305, 4306, and 4320]
17. 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 and any in-stack emission monitors 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 District Rules 2201, 4305, 4306, and 4320]

18. 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 and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) the make and model of portable emission analyzer(s) and in-stack emission analyzer(s), (4) emission 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 within the acceptable range. [District Rules 2201, 4305, 4306, and 4320]
19. 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 2201, 4305, 4306, and 4320]
20. Source testing to measure NO_x, CO, and NH₃ emissions from this unit while fired on natural gas shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, 4306, and 4320]
21. Source testing to measure combustion 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, 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 2201, 4305, 4306, and 4320]
22. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
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]
24. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
25. 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]
26. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
27. NH₃ emissions for source test purposes shall be determined using BAAQMD ST-1B or SCAQMD Method 207-1. [District Rules 1081 and 2201]
28. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
29. 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]
30. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
31. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
32. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
33. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]

CONDITIONS CONTINUE ON NEXT PAGE

34. Records shall be maintained of the amount of fuel used in this unit, in standard cubic feet (scf), during each start-up and shutdown period as determined using the fuel flow meter, and of the total amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), during start-up and shutdown for each month in which the unit is operated. [District Rules 1070 and 2201]
35. Total facility-wide NOx emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
36. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
37. On a monthly basis, the permittee shall calculate and record the total NOx and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
38. The total NOx emissions from this unit in each calendar month shall be calculated as follows using the NOx emission factors given in this permit or from the most recent source test: $\text{lb-NOx in month} = [\text{start-up and shutdown NOx emissions in month (lb-NOx)}] + [\text{steady state NOx emissions in month (lb-NOx)}]$, where the start-up and shutdown NOx emissions in month and steady state NOx emissions in month are calculated as follows: $[\text{start-up and shutdown NOx emissions in month (lb-NOx)}] = [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}] \times [0.036 \text{ lb-NOx/MMBtu}]$ and $[\text{steady state NOx emissions in month (lb-NOx)}] = [\text{steady state HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-NOx/MMBtu)}]$, where $[\text{steady state HHV Heat Input in Month (MMBtu)}] = [\text{total HHV Heat Input in Month (MMBtu)}] - [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}]$. [District Rule 2201]
39. The total VOC emissions from this unit in each calendar month shall be calculated as follows using the VOC emission factor given in this permit: $\text{lb-VOC in month} = [\text{HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-VOC/MMBtu)}]$. [District Rule 2201]
40. On a monthly basis, the permittee shall calculate and record the total facility-wide NOx and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NOx and VOC emissions shall be calculated by summing the NOx and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-16-0

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

61.991 MMBTU/HR CLEAVER BROOKS, MODEL CBEX-2W-700-1500-150ST, NATURAL GAS FIRED-BOILER WITH A CLEAVER BROOKS LOW NOX BURNER, INDUCED FLUE GAS RECIRCULATION (FGR), AND A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

CONDITIONS

1. Prior to operating any piece of equipment under this Authority to Construct (ATC), the permittee shall surrender PM10 emission reduction credits (ERCs) for the following quantity of emissions: 1st quarter - 335 lb, 2nd quarter - 335 lb, 3rd quarter - 335 lb, and 4th quarter - 1,218 lb and shall surrender PM2.5 ERCs for the following quantity of emissions: 1st quarter - 537 lb, 2nd quarter - 537 lb, 3rd quarter - 537 lb, and 4th quarter - 774 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERCs specified below. [District Rule 2201]
2. ERC Certificate Numbers C-1528-4 and N-1552-4 (or certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC. [District Rule 2201]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

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7. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
9. Except during start-up and shutdown, emissions rates from this unit shall not exceed any of the following limits: 2.5 ppmv NO_x @ 3% O₂ or 0.003 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.003 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
10. During start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 30 ppmvd NO_x @ 3% O₂ (equivalent to 0.036 lb-NO_x/MMBtu); 0.00285 lb-SO_x/MMBtu; 0.003 lb-PM₁₀/MMBtu; 100 ppmvd CO @ 3% O₂ or 0.074 lb-CO/MMBtu; or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
11. The total time this unit is operated for start-up and shutdown (as defined in Rule 4320) shall not exceed 1.5 hours in any day. Records shall be maintained of the time of the beginning and end of each start-up and shutdown period and the total time of start-up and shutdown periods for each day that this unit operates. [District Rules 2201, 4305, 4306, and 4320]
12. The selective catalytic reduction (SCR) system shall be in operation and emissions shall be minimized insofar as technologically feasible during start-up and shutdown periods. [District Rules 2201, 4305, 4306, and 4320]
13. Ammonia (NH₃) emissions shall not exceed 10 ppmvd @ 3% O₂. [District Rules 2201 and 4102]
14. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
15. The permittee shall monitor and record the stack concentration of NH₃ at least once every calendar month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. 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 2201 and 4102]
16. If the NO_x, CO, or NH₃ concentrations corrected to 3% O₂, as measured by the portable analyzer, the District-approved in-stack emission monitor(s), or the District-approved ammonia monitoring equipment, 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, in-stack emission monitor, or ammonia monitoring equipment 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 2201, 4305, 4306, and 4320]
17. 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 and any in-stack emission monitors 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 District Rules 2201, 4305, 4306, and 4320]

18. 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 and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) the make and model of portable emission analyzer(s) and in-stack emission analyzer(s), (4) emission 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 within the acceptable range. [District Rules 2201, 4305, 4306, and 4320]
19. 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 2201, 4305, 4306, and 4320]
20. Source testing to measure NO_x, CO, and NH₃ emissions from this unit while fired on natural gas shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, 4306, and 4320]
21. Source testing to measure combustion 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, 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 2201, 4305, 4306, and 4320]
22. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
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]
24. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
25. 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]
26. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
27. NH₃ emissions for source test purposes shall be determined using BAAQMD ST-1B or SCAQMD Method 207-1. [District Rules 1081 and 2201]
28. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
29. 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]
30. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
31. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
32. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
33. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]

CONDITIONS CONTINUE ON NEXT PAGE

34. Records shall be maintained of the amount of fuel used in this unit, in standard cubic feet (scf), during each start-up and shutdown period as determined using the fuel flow meter, and of the total amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), during start-up and shutdown for each month in which the unit is operated. [District Rules 1070 and 2201]
35. Total facility-wide NOx emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
36. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
37. On a monthly basis, the permittee shall calculate and record the total NOx and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
38. The total NOx emissions from this unit in each calendar month shall be calculated as follows using the NOx emission factors given in this permit or from the most recent source test: $\text{lb-NOx in month} = [\text{start-up and shutdown NOx emissions in month (lb-NOx)}] + [\text{steady state NOx emissions in month (lb-NOx)}]$, where the start-up and shutdown NOx emissions in month and steady state NOx emissions in month are calculated as follows: $[\text{start-up and shutdown NOx emissions in month (lb-NOx)}] = [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}] \times [0.036 \text{ lb-NOx/MMBtu}]$ and $[\text{steady state NOx emissions in month (lb-NOx)}] = [\text{steady state HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-NOx/MMBtu)}]$, where $[\text{steady state HHV Heat Input in Month (MMBtu)}] = [\text{total HHV Heat Input in Month (MMBtu)}] - [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}]$. [District Rule 2201]
39. The total VOC emissions from this unit in each calendar month shall be calculated as follows using the VOC emission factor given in this permit: $\text{lb-VOC in month} = [\text{HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-VOC/MMBtu)}]$. [District Rule 2201]
40. On a monthly basis, the permittee shall calculate and record the total facility-wide NOx and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NOx and VOC emissions shall be calculated by summing the NOx and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]

AUTHORITY TO CONSTRUCT

PERMIT NO: C-2282-17-0

ISSUANCE DATE: 06/10/2022

LEGAL OWNER OR OPERATOR: CENTRAL VALLEY MEAT CO

MAILING ADDRESS: 10431 8¼ AVE
HANFORD, CA 93230

LOCATION: 10431 8¼ AVE
HANFORD, CA 93230

EQUIPMENT DESCRIPTION:

61.991 MMBTU/HR CLEAVER BROOKS, MODEL CBEX-2W-700-1500-150ST, NATURAL GAS FIRED-BOILER WITH A CLEAVER BROOKS LOW NOX BURNER, INDUCED FLUE GAS RECIRCULATION (FGR), AND A SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

CONDITIONS

1. Prior to operating any piece of equipment under this Authority to Construct (ATC), the permittee shall surrender PM10 emission reduction credits (ERCs) for the following quantity of emissions: 1st quarter - 335 lb, 2nd quarter - 335 lb, 3rd quarter - 335 lb, and 4th quarter - 1,218 lb and shall surrender PM2.5 ERCs for the following quantity of emissions: 1st quarter - 537 lb, 2nd quarter - 537 lb, 3rd quarter - 537 lb, and 4th quarter - 774 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERCs specified below. [District Rule 2201]
2. ERC Certificate Numbers C-1528-4 and N-1552-4 (or certificates split from these certificates) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this ATC. [District Rule 2201]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

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.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

C-2282-17-0 : Jun 12 2022 9:30AM -- NORMANR : Joint Inspection Required with NORMANR

7. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
9. Except during start-up and shutdown, emissions rates from this unit shall not exceed any of the following limits: 2.5 ppmv NO_x @ 3% O₂ or 0.003 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.003 lb-PM₁₀/MMBtu, 50 ppmv CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
10. During start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 30 ppmvd NO_x @ 3% O₂ (equivalent to 0.036 lb-NO_x/MMBtu); 0.00285 lb-SO_x/MMBtu; 0.003 lb-PM₁₀/MMBtu; 100 ppmvd CO @ 3% O₂ or 0.074 lb-CO/MMBtu; or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, 4320, and 4801]
11. The total time this unit is operated for start-up and shutdown (as defined in Rule 4320) shall not exceed 1.5 hours in any day. Records shall be maintained of the time of the beginning and end of each start-up and shutdown period and the total time of start-up and shutdown periods for each day that this unit operates. [District Rules 2201, 4305, 4306, and 4320]
12. The selective catalytic reduction (SCR) system shall be in operation and emissions shall be minimized insofar as technologically feasible during start-up and shutdown periods. [District Rules 2201, 4305, 4306, and 4320]
13. Ammonia (NH₃) emissions shall not exceed 10 ppmvd @ 3% O₂. [District Rules 2201 and 4102]
14. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every calendar month (in which a source test is not performed) using a portable emission monitor that satisfies District specifications or in-stack emission monitors that satisfy District specifications required for portable analyzers. 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. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 2201, 4305, 4306, and 4320]
15. The permittee shall monitor and record the stack concentration of NH₃ at least once every calendar month in which a source test is not performed. NH₃ monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. 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 2201 and 4102]
16. If the NO_x, CO, or NH₃ concentrations corrected to 3% O₂, as measured by the portable analyzer, the District-approved in-stack emission monitor(s), or the District-approved ammonia monitoring equipment, 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, in-stack emission monitor, or ammonia monitoring equipment 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 2201, 4305, 4306, and 4320]
17. 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 and any in-stack emission monitors 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 District Rules 2201, 4305, 4306, and 4320]

18. 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 and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) the make and model of portable emission analyzer(s) and in-stack emission analyzer(s), (4) emission 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 within the acceptable range. [District Rules 2201, 4305, 4306, and 4320]
19. 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 2201, 4305, 4306, and 4320]
20. Source testing to measure NO_x, CO, and NH₃ emissions from this unit while fired on natural gas shall be conducted within 60 days of initial start-up. [District Rules 2201, 4305, 4306, and 4320]
21. Source testing to measure combustion 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, 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 2201, 4305, 4306, and 4320]
22. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 2201, 4305, 4306, and 4320]
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]
24. The results of each source test shall be submitted to the District within 60 days after completion of the source test. [District Rule 1081]
25. 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]
26. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320]
27. NH₃ emissions for source test purposes shall be determined using BAAQMD ST-1B or SCAQMD Method 207-1. [District Rules 1081 and 2201]
28. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320]
29. 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]
30. The higher heating value (HHV) of the natural gas fuel shall be certified by a third party fuel supplier or shall be determined using ASTM D1826, ASTM 1945 in conjunction with ASTM D3588, or an alternative method approved by the District. [District Rules 2201 and 4320]
31. The permittee shall document that the natural gas combusted in the boiler is from a PUC regulated source. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rules 2201 and 4320]
32. The boiler shall be equipped with an operational, non-resettable, totalizing mass or volumetric fuel flow meter or other District-approved alternative method to measure the amount of fuel used in the boiler. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]
33. Records of the amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), shall be maintained for each month in which the unit is operated. [District Rules 1070, 2201, and 4001, and 40 CFR Part 60, Subpart Dc]

CONDITIONS CONTINUE ON NEXT PAGE

34. Records shall be maintained of the amount of fuel used in this unit, in standard cubic feet (scf), during each start-up and shutdown period as determined using the fuel flow meter, and of the total amount of fuel used in this unit, in standard cubic feet (scf) and MMBtu based on higher heating value (hhv), during start-up and shutdown for each month in which the unit is operated. [District Rules 1070 and 2201]
35. Total facility-wide NOx emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
36. Total facility-wide VOC emissions shall not exceed 19,999 pounds in any 12 consecutive month period. [District Rule 2201]
37. On a monthly basis, the permittee shall calculate and record the total NOx and VOC emissions in pounds from this unit for the prior calendar month. [District Rules 1070 and 2201]
38. The total NOx emissions from this unit in each calendar month shall be calculated as follows using the NOx emission factors given in this permit or from the most recent source test: $\text{lb-NOx in month} = [\text{start-up and shutdown NOx emissions in month (lb-NOx)}] + [\text{steady state NOx emissions in month (lb-NOx)}]$, where the start-up and shutdown NOx emissions in month and steady state NOx emissions in month are calculated as follows: $[\text{start-up and shutdown NOx emissions in month (lb-NOx)}] = [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}] \times [0.036 \text{ lb-NOx/MMBtu}]$ and $[\text{steady state NOx emissions in month (lb-NOx)}] = [\text{steady state HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-NOx/MMBtu)}]$, where $[\text{steady state HHV Heat Input in Month (MMBtu)}] = [\text{total HHV Heat Input in Month (MMBtu)}] - [\text{start-up and shutdown HHV Heat Input in Month (MMBtu)}]$. [District Rule 2201]
39. The total VOC emissions from this unit in each calendar month shall be calculated as follows using the VOC emission factor given in this permit: $\text{lb-VOC in month} = [\text{HHV Heat Input in Month (MMBtu)}] \times [\text{Emission Factor (lb-VOC/MMBtu)}]$. [District Rule 2201]
40. On a monthly basis, the permittee shall calculate and record the total facility-wide NOx and VOC emissions in pounds for the prior 12 calendar month period. The total facility-wide NOx and VOC emissions shall be calculated by summing the NOx and VOC emissions from the previous 12 calendar months from every permitted unit at this facility. [District Rules 1070 and 2201]
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, 2201, 4001, 4305, 4306, and 4320, and 40 CFR Part 60, Subpart Dc]