



SEP 17 2010

Alan Johnson
SunOpta Aseptic
555 Mariposa Road
Modesto, CA 95354

RE: Notice of Final Action - Authority to Construct
Project Number: N-1101483

Dear Mr. Johnson:

The Air Pollution Control Officer has issued an Authority to Construct permit to SunOpta Aseptic for an increase in the CO emission limit for the boiler operating under District permit N-2236-2, at 555 Mariposa Road in Modesto, CA.

Enclosed is a copy of the Authority to Construct permit and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue this Authority to Construct was published on July 30, 2010. The District's analysis of the proposal was also sent to CARB on July 27, 2010. 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.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Rupi Gill at (209) 557-6400.

Sincerely,



David Warner
Director of Permit Services

DW:MJS/dg

Enclosures

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

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

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



SEP 17 2010

Mike Tollstrup, Chief
Project Assessment Branch
Stationary Source Division
California Air Resources Board
PO Box 2815
Sacramento, CA 95812-2815

RE: Notice of Final Action - Authority to Construct
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www.valleyair.org www.healthyairliving.com

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

**NOTICE OF FINAL ACTION
FOR THE ISSUANCE OF AN AUTHORITY
TO CONSTRUCT PERMIT**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued an Authority to Construct permit to SunOpta Aseptic for an increase in the CO emission limit for the boiler operating under District permit N-2236-2, at 555 Mariposa Road in Modesto, CA.

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

The application review for Project #N-1101483 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the **SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 4800 ENTERPRISE WAY, MODESTO, CA 95356.**



AUTHORITY TO CONSTRUCT

PERMIT NO: N-2236-2-8

ISSUANCE DATE: 09/13/2010

LEGAL OWNER OR OPERATOR: SUNOPTA ASEPTIC
MAILING ADDRESS: 555 MARIPOSA RD
MODESTO, CA 95354

LOCATION: 555 MARIPOSA RD
MODESTO, CA 95354

EQUIPMENT DESCRIPTION:

150.0 MMBTU/HR NEBRASKA MODEL NSG-99 NATURAL GAS FIRED BOILER WITH A COEN MODEL DAZ-36 BURNER, A BENZ AIR COMPU-NOX SYSTEM, A FLUE GAS RECIRCULATION SYSTEM AND A HALDOR TOPSOE MODEL BENZ AIR CATAMIZER SELECTIVE CATALYTIC REDUCTION SYSTEM (BOILER 1). MODIFICATION TO INCREASE THE CO EMISSIONS LIMIT FROM FROM 100 PPMVD @ 3% O2 TO 200 PPMVD @ 3% O2.

CONDITIONS

1. The permittee shall not emit more than one half of the major source threshold based on a rolling 12-month summary of actual emissions. [District Rule 2530, 6.1]
2. The permittee shall maintain a record of the rolling 12-month summary of actual emissions from permitted operations. This record shall be kept on site and made available to the District upon request. [District Rule 2530, 6.1]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
6. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201]
7. Except during start-up and shutdown periods, the NOx emissions shall not exceed 5 ppmvd @ 3% O2 referenced as NO2 or 0.0062 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320]
8. During start-up and shutdown periods, the NOx emissions shall not exceed 30 ppmvd @ 3% O2 referenced as NO2. [District Rules 2201]
9. CO emissions shall not exceed 200 ppmvd @ 3% O2 or 0.074 lb/MMBtu. [District Rules 2201, 4305, 4306 and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
N-2236-2-8 : Sep 13 2010 11:37AM - SCHONHOM : Joint Inspection NOT Required

10. VOC emissions shall not exceed 0.0055 lb/MMBtu. [District Rule 2201]
11. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rules 2201 and 4801]
12. PM10 emissions shall not exceed 0.0076 lb/MMBtu. [District Rule 2201]
13. Ammonia (NH3) emissions shall not exceed 10.0 ppmvd @ 3% O2. [District Rules 2201]
14. The duration of each startup and each shutdown shall not exceed 2.0 hours. The combined startup and shutdown duration shall not exceed 4.0 hours in any one day. [District Rules 2201, 4305, 4306 and 4320]
15. The total duration of startup and shutdown periods shall not exceed 200 hours in any one calendar year. [District Rule 2201]
16. The emission control system shall be in operation and emissions shall be minimized insofar as technologically feasible during startup and shutdown. [District Rules 4305, 4306 and 4320]
17. Source testing to measure NOx and CO emissions from this unit shall be conducted at least once every 12 months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every 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 12 months. [District Rules 2201, 4305, 4306 and 4320]
18. All emissions measurements shall be made with the unit(s) operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 4306 and 4320]
19. 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]
20. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
21. 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]
22. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306 and 4320]
23. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rules 4305, 4306 and 4320]
24. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306 and 4320]
25. NH3 emissions for source test purposes shall be determined using BAAQMD method ST-1B. [District Rule 2201]
26. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306 and 4320]
27. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320]
28. The permittee shall monitor and record the stack concentration of NOx, CO, NH3 and O2 at least once during each month in which source testing is not performed. NOx, CO and O2 monitoring shall be conducted utilizing either a portable analyzer or Compu-NOx system that meets District specifications. NH3 monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method at the time NOx, CO and O2 readings are taken. Monitoring shall not be required if 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(s) unless it has been performed within the last month. [District Rules 2201, 4305, 4306 and 4320]

CONDITIONS CONTINUE ON NEXT PAGE

29. If the NO_x, CO or NH₃ concentrations, as measured by the portable analyzer or Compu-NO_x system and District approved ammonia monitoring equipment, exceed the permitted emission levels, 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 ammonia monitoring equipment show that emissions continue to exceed the allowable levels after 1 hour of operation following detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 2201, 4305, 4306 and 4320]
30. All alternate monitoring parameter emission readings shall be taken with the units operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 2201, 4305, 4306 and 4320]
31. The permittee shall maintain records of: (1) permit number of the unit(s) operating during monitoring, (2) the date and time of NO_x, CO, NH₃ and O₂ measurements, (3) the O₂ concentration in percent and the measured NO_x, CO and NH₃ concentrations corrected to 3% O₂, (4) make and model of exhaust gas analyzer, (5) exhaust gas analyzer calibration records, (6) the method of determining the NH₃ emission concentration, and (7) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305, 4306 and 4320]
32. The permittee shall maintain records of startup and shutdown durations and the number of occurrences of each. [District Rules 2201, 4305, 4306 and 4320]
33. All records shall be maintained and retained on-site for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306 and 4320]



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

Economic Assistance Initiative

The District's 2010 Economic Assistance Initiative (adopted in March 2010) includes several temporary provisions to assist businesses that are experiencing financial hardship.

If your business is experiencing a financial hardship that impedes your ability to pay the enclosed invoice(s), please call one of the phone numbers below to learn more about the programs that are available to assist you with various District fees.

Bakersfield (661) 392-5500

Fresno (559) 230-6020

Modesto (209) 557-6400