



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

NOV 01 2010

Roger Hoffdahl
Corn Products International, Inc
P.O Box 6129
Stockton, CA 95206

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # N-238
Project # N-1101812**

Dear Mr. Hoffdahl:

The Air Pollution Control Officer has modified the Title V permit for Corn Products International, Inc by incorporating Authority to Construct N-238-38-0. The proposed project includes installation of a 28.8 MMBtu/hr rental boiler. This boiler was brought to site when the primary steam supply sources were shutdown for periodic maintenances and or repairs. The primary steam supply source includes facility's own turbine and heat recovery boiler (N-238-18) and a coal fired boiler, CFB, (N-802-1) located at the adjacent Air Products Manufacturing Corporation's cogeneration facility.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on September 16, 2010. No comments were received following the District's preliminary decision on this project.

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

Sincerely,

David Warner
Director of Permit Services

DW:JK

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



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Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

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Project # N-1101812**

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-238-38-1

EXPIRATION DATE: 03/31/2014

EQUIPMENT DESCRIPTION:

28.8 MMBTU/HR NATURAL GAS-FIRED BOILER EQUIPPED WITH AN ALZETA MODEL 22-2SO-30/30 ULTRA LOW NOX BURNER SYSTEM OR DISTRICT APPROVED EQUIVALENT (TEMPORARY REPLACEMENT EMISSION UNIT FOR N-238-18 AND/OR N-802-1

PERMIT UNIT REQUIREMENTS

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] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. This boiler shall be removed from the site before 180 cumulative days on site in any twelve month period and prior to July 1, 2010. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The boiler shall only operate under one or more of the following circumstances: while permit unit N-802-1 is not operating; up to 40 hours while permit unit N-802-1 is fired exclusively on natural gas during a start up; or while permit unit N-238-18 is not operating. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The boiler shall only be fired on PUC regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Emissions from the boiler shall not exceed any of the following limits: 9.0 ppmvd NO_x @ 3% O₂ or 0.011 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 50 ppmvd CO @ 3% O₂ or 0.037 lb-CO/MMBtu, or 0.004 lb-VOC/MMBtu. [District Rules 2201, 4305 and 4306] Federally Enforceable Through Title V Permit
8. The heat input to the boiler shall not exceed 550 MMBtu/day when this unit is replacing permit unit N-238-18. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The heat input to the boiler shall be less than 30,000 MMBtu/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [District Rule 2201 and 40 CFR 60.48(c)(g)] Federally Enforceable Through Title V Permit
11. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ within 7 days of startup of the unit and at least once every month thereafter (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 2201, 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
14. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
15. Records of daily operations including dates and hours operated, the amount of fuel consumed, and cumulative heat input to the boiler on a daily and an annual basis shall be maintained on the premises at all times. [District Rule 2201 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
16. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4305 and 4306] Federally Enforceable Through Title V Permit
17. The permittee shall obtain written District approval for the use of any equivalent equipment not specifically approved by this Authority to Construct. Approval of the equivalent equipment shall be made only after the District's determination that the submitted design and performance of the proposed alternate equipment is equivalent to the specifically authorized equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The permittee's request for approval of equivalent equipment shall include the make, model, manufacturer's maximum rating, manufacturer's guaranteed emission rates, equipment drawing(s), and operational characteristics/parameters. [District Rule 2010] Federally Enforceable Through Title V Permit
19. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
20. No emission factor and no emission shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201] Federally Enforceable Through Title V Permit

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