



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

FEB 10 2010

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Final - Authority to Construct / Certificate of Conformity (Minor Mod)
Project # N-1093304**

Dear Mr. Rios:

The Air Pollution Control Officer has issued an Authority to Construct (N-257-5-7) with a Certificate of Conformity to Dart Container Corporation. The modification was to lower the NOx emission limit for compliance with District Rule 4320.

Enclosed are copies of the Authority to Construct. The application and proposal were sent to US EPA Region IX on December 21, 2009. 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: MJS/cm

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
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Southern Region

34946 Flyover Court
Bakersfield, CA 93308-9725
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San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

FEB 10 2010

Mr. Ron Crookham
Dart Container Corporation
1400 E. Victor Road
Lodi, CA 95240

**Re: Final - Authority to Construct / Certificate of Conformity (Minor Mod)
Project # N-1093304**

Dear Mr. Crookham:

The Air Pollution Control Officer has issued an Authority to Construct (N-257-5-7) with a Certificate of Conformity to Dart Container Corporation. The modification was to lower the NOx emission limit for compliance with District Rule 4320.

Enclosed is the Authority to Construct and invoice. The application and proposal were sent to US EPA Region IX on December 21, 2009. No comments were received following the District's preliminary decision on this project.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

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

Sincerely,

David Warner
Director of Permit Services

DW: MJS/cm

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AUTHORITY TO CONSTRUCT

PERMIT NO: N-257-5-7

ISSUANCE DATE: 02/08/2010

LEGAL OWNER OR OPERATOR: DART CONTAINER CORPORATION

MAILING ADDRESS: 1400 EAST VICTOR ROAD
LODI, CA 95240

LOCATION: 1400 EAST VICTOR ROAD
LODI, CA 95240

EQUIPMENT DESCRIPTION:

29.3 MMBTU/HR CLEAVER BROOKS BOILER MODEL #CB 400-700-150 WITH A CLEAVER BROOKS MODEL #CB-NTI ULTRA LOW-NOX BURNER AND FLUE GAS RECIRCULATION. MODIFICATION TO LOWER THE NOX EMISSION LIMIT AND THE #2 FUEL OIL SULFUR CONTENT LIMIT FOR RULE 4320 COMPLIANCE.

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂ nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
6. The pentane emissions collected from the pre-expanders shall be ducted to the boilers permitted under N-257-4 or N-257-5. [District Rule 2201] Federally Enforceable Through Title V Permit

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-257-5-7 : Feb 8 2010 4:11 PM - SCHONHOM : Joint Inspection NOT Required

7. 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
8. The boiler shall be fired only on natural gas or fuel oil #2. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Fuel oil #2 shall only be used during a natural gas curtailment for a period not to exceed 168 cumulative hours during any one calendar year plus 48 cumulative hours during any one calendar year for equipment testing and maintenance. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
10. The sulfur content of the fuel oil #2 shall not exceed 15 ppm by weight. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
11. The NO_x emissions, while firing on natural gas, shall not exceed 7 ppmvd @ 3% O₂ or 0.008 lb/MMBtu. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
12. The CO emissions, while firing on natural gas shall not exceed 50 ppmvd @ 3% O₂ or 0.037 lb/MMBtu. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
13. The VOC emissions, while firing on natural gas, shall not exceed 0.0042 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The SO_x emissions, while firing on natural gas, shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The PM₁₀ emissions, while firing on natural gas, shall not exceed 0.0076 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The NO_x emissions, while firing on #2 fuel oil, shall not exceed 40 ppmvd @ 3% O₂ or 0.052 lb/MMBtu. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
17. The CO emissions, while firing on #2 fuel oil, shall not exceed 50 ppmvd @ 3% O₂ or 0.039 lb/MMBtu. [District Rules 2201 and 4320] Federally Enforceable Through Title V Permit
18. The VOC emissions, while firing on #2 fuel oil, shall not exceed 0.0045 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The SO_x emissions, while firing on #2 fuel oil, shall not exceed 0.0016 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The PM₁₀ emissions, while firing on #2 fuel oil, shall not exceed 0.015 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Operational characteristics recommended by the manufacturer and approved by the District shall be monitored on at least a monthly basis. [District Rule 4320, 5.7.2] Federally Enforceable Through Title V Permit
22. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable analyzer that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
23. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

24. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operation 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, 4306 and 4320] Federally Enforceable Through Title V Permit
25. The permittee shall maintain records of: (1) the date and time of NOX, CO, and O2 measurements, (2) the O2 concentration in percent by volume and the measured NOX 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, 4306 and 4320] Federally Enforceable Through Title V Permit
26. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081 and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
27. Source testing to measure natural gas-combustion NOx and CO emissions from this unit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests, the unit shall be tested not less than once every thirty-six months. If the result of a 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 months. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
28. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081, 7.1] Federally Enforceable Through Title V Permit
29. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
30. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
31. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
32. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3] Federally Enforceable Through Title V Permit
33. Source testing to measure NOx emissions shall be conducted using EPA Method 7E, EPA Method 19, or CARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
34. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
35. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
36. Stack gas velocities shall be determined using EPA Method 2. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
37. The fuel oil sulfur content shall be determined utilizing ASTM method D-6920-03, ASTM method D-5453-99 or a District approved equivalent. [District Rule 4320] Federally Enforceable Through Title V Permit
38. On and after July 10, 2010, and at least once every year thereafter, the permittee shall submit an analysis showing the sulfur content of each fuel. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit

39. A daily record of the duration of each start-up and shutdown period shall be kept. [District Rules 4306 and 4320] Federally Enforceable Through Title V Permit
40. An annual record of the cumulative number of hours of operation on #2 fuel oil and of the reason for this operation shall be kept. The record shall be updated at least monthly. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
41. A record of the monthly quantity of each fuel burned shall be kept. [40 CFR Part 60.42c(g)] Federally Enforceable Through Title V Permit
42. All records shall be maintained and retained on-site for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 4.0, 2520, 9.4.2, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
43. This unit is subject to the requirements of 40 CFR Part 60, Subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. [40 CFR Part 60, Subpart Dc] Federally Enforceable Through Title V Permit
44. The permittee shall comply with the reporting and record keeping requirements of 40 CFR Part 60.48c. [40 CFR Part 60, Subpart Dc] Federally Enforceable Through Title V Permit