



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B008810

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: DECEMBER 2005

OWNER OF OPERATOR (Co.#1582)

Creon North America, Inc
12812 Pocono Road
Apple Valley, CA 92308

EQUIPMENT LOCATION (Fac.#2673)

Creon North America
District Wide
MDAQMD, CA 92392

Description:

THERMOCHEMICAL DECOMPOSITION SYSTEM consisting of:

EQUIPMENT

Capacity	Equipment Description
30	Propane Burners (3 MMBtu/hr)
0	Rotating Retort (6 tons per hour maximum capacity)
0	Decomposition Product Removal Equipment (Liquid and Solid)

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This unit shall not discharge exhaust to the atmosphere except through the retort heater exhaust stack.
3. Emissions from this equipment shall not exceed the following emission limits, irrespective of the fuel or fuel mix:
 - a. NOx - 125 ppmv @ 3% oxygen
 - b. CO - 2000 ppmv @ 3% oxygen (Rule 407)

Fee Schedule: 8 (C)

Rating: 3000000 Btu

SIC: 4953

SCC: 50390006

Location/UTM(Km):
473E/3956N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

<p>Creon North America, Inc 12812 Pocono Road Apple Valley, CA 92308</p>
--

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

- c. Sulfur as SO₂ - 500 ppmv (Rule 406)
- d. PM₁₀ - 0.1 grains/cubic foot @ 12% carbon dioxide (Rule 473)

4. This unit's retort burners shall only be fueled with propane, retort discharge gas or a mixture of the two. Retort discharge gas may only be fired in this unit if it contains total sulfur compounds with a concentration of 800 ppmvd or less. Compliance with this condition shall be demonstrated with fuel use records and compliance tests.

5. The owner/operator (o/o) shall conduct all required compliance/certification tests in accordance with a District-approved test plan. Thirty (30) days prior to the compliance/certification tests the operator shall provide a written test plan for District review and approval, which follows the administrative procedures outlined in the District's Compliance Test Procedural Manual. Written notice of the compliance/certification test shall be provided to the District ten (10) days prior to the tests so that an observer may be present. A written report with the results of such compliance certification tests shall be submitted to the District not later than forty-five (45) days after the last day of on-site measurements and/or sampling.

6. The o/o shall perform the following compliance tests annually in accordance with the MDAQMD Compliance Test Procedural Manual (testing frequency may be reduced by the District upon review of test results). The test report shall be submitted to the District not later than six weeks prior to the expiration date of this permit. The following compliance tests are required, at the maximum fuel and feed firing rate:

- a. NO_x as NO₂ in ppmv at 3% oxygen
- b. Sulfur as SO₂ in ppmv at 3% oxygen

7. Within thirty (30) days of achieving maximum fuel/feed firing rate, but not later than 180 days after first firing of fuel in this equipment, the o/o shall perform an initial compliance test. This test shall demonstrate that this equipment is capable of operation in compliance with the emission limits specified above (under propane and under the maximum achievable feed firing rate), and shall be used to perform a health risk assessment of the facility. This initial test shall also include tests for the following:

- a. Retort exhaust CO in ppmv at 3% oxygen
- b. Retort exhaust PM₁₀ in grains/dscf and lb/hr (filterable and condensable)
- b. Retort discharge gas total sulfur concentration in ppmv
- c. Hazardous Air Pollutants (CARB test methods) - acrolein, benzene, 1,3-butadiene, dioxins, dibenzofurans, formaldehyde, hydrogen chloride, benzo[a]pyrene, PCBs, PAHs, POM, toluene, vinyl chloride
- d. Metals (CARB test methods) - antimony, arsenic, beryllium, cadmium, total chromium, hexavalent chromium, copper, lead, manganese, mercury, nickel, selenium, silver, thallium and zinc

8. The o/o shall provide sampling ports and platforms necessary to perform source tests required to verify compliance with District rules, regulations and permit conditions. The location of these ports and platforms shall be subject to District approval.

9. The o/o shall maintain an operations log for this equipment. The log shall be kept current, on-site for a minimum of two (2) years, and shall be provided to District personnel upon request. The log shall include the following information:

- a. Daily feed rate and type of feed, in pound or tons;
- b. Monthly propane consumption in gallons or scf;
- c. Daily and annual cumulative retort discharge gas, oil and solid production in pounds, gallons or scf as applicable;
- d. Records establishing the sale or use of stored retort discharge gas, including portion combusted in retort furnace on a monthly basis.

10. This unit shall process sorted municipal solid waste, tires or auto fluff only.