



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B001892

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: APRIL 2005

OWNER OF OPERATOR (Co.#2830)

Trogon Development, LLC
37000 Santa Fe Street
Daggett, CA 92327

EQUIPMENT LOCATION (Fac.#1880)

Coolwater Generating Station
37000 Santa Fe Street
Daggett, CA 92327

Description:

BOILER - AUXILIARY consisting of: 1. Nebraska Boilers Co.: Type NS-C-53 Economizer equipped water tube unit - Natural gas or liquid fired, whose input firing rates are 48.75 MMBtu/h and 46.68 MMBtu/h, respectively. 2. 40 hp Aladdin Combustion air blower, 8780 SCFM @ 10" water column pressure. Boiler surface area is 3664 sq. ft. 3. Fuel is fired through one Coen Fyre-Compak "low excess air" burner. This unit produces 40,000 lb/h, saturated at 335 psig, of steam

EQUIPMENT

Capacity	Equipment Description
48.75	Nebraska Water Tube Boiler (48.75 MMBtu/hr on natural gas)
0.1	Aladdin Combustion air blower (40 hp)

CONDITIONS:

- The boiler is limited to the use of 1,154,000 gallons of No. 2 diesel fuel per year.
- Pollutant emission rate (concentrations) at full load shall be limited to (concentrations corrected to 3% oxygen):
 - PM - 0.003 gr/dscf (0.011 gr/dscf on liquid fuel)
 - SO₂ - 0.3 ppmv (109 ppmv on liquid fuel)
 - CO - 41 ppmv (44 ppmv on liquid fuel)
 - VOC - 0.13 lb/h (0.07 lb/h on liquid fuel)
 - NO_x - 6.4 lb/h (6.6 lb/h on liquid fuel)

Fee Schedule: 2 (e) Rating: 48850000Btu SIC: 4911 SCC: 99999999 Location/UTM(Km): 513E/3861N

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.

Trogon Development, LLC
P.O. Box 1605
Canovanas, PR 00729

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

3. Visible emissions from the stack shall comply with District Rule 401.

4. 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.

5. This facility shall not emit more than 1,319 tons of NO_x per calendar year, verified by CEMS data.

6. The owner/operator (o/o) shall install and maintain a volumetric flow rate meter in the liquid line and gaseous fuel line (in conjunction with temperature and pressure probes in the gaseous line), or maintain a fuel log in the form and manner approved and prescribed by the District.

7. This equipment shall be fired with pipeline quality natural gas with a sulfur content of no more than 800 ppm calculated as hydrogen sulfide at standard conditions, or No. 2 diesel fuel having a sulfur content of no more than 0.2 percent by weight. Compliance with this condition shall be verified with fuel supplier sulfur content certifications. The sulfur content of liquid fuel shall be determined by use of ASTM method D 2622-82 or ASTM method D 2880-71 or equivalent.

8. The o/o shall conduct all required compliance/certification tests in accordance with a District-approved test plan and the MDAQMD Compliance Test Procedural Manual. Thirty (30) days prior to the compliance/certification tests the o/o shall provide a written test plan for District review and approval. 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 within forty-five (45) days after testing.

9. The o/o shall submit to the APCO and USEPA Region IX the following information for the preceding calendar quarter by January 30, April 30, July 30 and October 30 of each year this permit is in effect. Each January 30 submittal shall include a summary of the reported information for the previous year. This information shall be maintained on-site for a minimum of five (5) years and shall be provided to District personnel upon request:

- a. Total equipment operation time (hours);
- b. Date and time of each startup and shutdown;
- c. Total quarterly and total calendar year usage of each fuel;
- d. Fuel sulfur content (supplier certifications);
- e. All excess emissions, including the information regarding malfunctions/breakdowns required by Rule 430;
- f. The HHV for liquid fuels burned shall be determined from daily samples and reported as a monthly average for each month (Rule 1158(E)(5)) for those months in which liquid fuel is burned.

10. The o/o shall demonstrate that this equipment complies with the emission limits specified herein through compliance testing as follows, as long as the equipment has operated within the last twelve months:

- a. Not less than once every twelve months, unless the equipment is fired exclusively on natural gas
- b. Not less than once every 60 months for equipment fired exclusively on natural gas
- c. If liquid fuel is fired within the 60-month period, compliance shall be demonstrated for firing natural gas and firing liquid fuel not less than once every 12 months.