



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B001854

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: DECEMBER 2016

OWNER OF OPERATOR (Co.#248)

Sunray Energy, Inc
35100 E Santa Fe Road
Daggett, CA 92327

EQUIPMENT LOCATION (Fac.#2009)

Sunray Energy - SEGS II
35100 E Santa Fe Road
Daggett, CA 92327

Description:

HEATER - HTF EMERGENCY consisting of: Gas fired, H-100, Thermoflux, Inc., Venflux Model, 15 x 10MM BTU/hr 75.0 hp Pump, HTF heater, P-115, 500 GPM 30.0 hp Blower, HTF heater 105.0 TOTAL Total rating for fee assessment: 15 x 10MM BTU/h + 105 hp x 2550 BTU/h/hp = 15.3 x 10MM BTU/h

CONDITIONS:

1. This heater shall be equipped with a low NOx burner warranted by the manufacturer to produce less than 80 ppmv of NOx, dry, referenced to 3% O2.
2. The owner/operator (o/o) shall use no other fuel but regulated pipeline natural gas without the written prior approval of the APCO. Natural gas consumption may be further limited by the District any time compliance test results exceed the limits given above.
3. This equipment does not require a regularly scheduled emission compliance test. Emissions compliance testing may be required at the discretion of the District.
4. This heater shall be limited to emergency purposes; to provide sufficient heat to preclude freezing the heat transfer fluid contained within the heat collection assemblies and piping system. The o/o may also operate this heater as part of maintenance and testing to ensure emergency readiness.

Fee Schedule: 8 (e)

Rating: 15300000 Btu

SIC: 4911

SCC: 99999999

Location/UTM(Km):
515E/3838N

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.

Sunray Energy, Inc
PO Box 338
Daggett, CA 92327

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

5. The o/o shall comply with the monitoring plan approved by the District. This plan calls for monitoring and recording all natural gas consumed on-site. Recording power meters, or meters approved as equivalent by the District, shall be certified and recertified in strict accord with Southern California Gas Company schedules.

6. A daily log shall be maintained which includes but is not limited to the following:

- A. Hours of operation/day;
- B. Dates of routine maintenance, dates of major repairs and/or replacements;
- C. Natural gas use; and
- D. Amount of HTF added to system.

This log shall be maintained current, on site for a minimum of two (2) years and provided to District personnel on request.

7. The combined emissions from SEGS I and SEGS II shall be less than the following limits:

- a. 8 tons per year of any single HAP or 20 tons per year of any combination of HAPs on a 12 month calendar year basis
- b. 15 tons of PM10 on a 12 month calendar year basis
- c. 20 tons of NOx on a 12 month calendar year basis
- d. 20 tons of VOC on a 12 month calendar year basis

Compliance with this limit shall be verified with monthly facility emission summaries and an annual emissions inventory. Monthly emissions summaries shall be calculated using a District-approved method, with at least the last two years of monthly emissions summaries maintained and available to be provided to District, State or Federal personnel upon request. The facility must also submit an accurate emissions inventory data to the District, in a format approved by the District, on a yearly basis, which is to be received by the District no later than April 30 of each year.