



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B003077

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.#899)**

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

**Description:**

COOLING TOWER CT 201 consisting of: A Custodis-Cottrel cooling tower with a design circulation rate of 15000 gallons per minute. Equipment associated with the cooling tower is: Exhaust fans, F-201A, B, C, and D, four (4) @ 50 hp ea = 200.0 hp Cooling water pumps, P-201A and B, two (2) @ 125 hp ea = 250.00 hp TOTAL: 450.0 hp

**CONDITIONS:**

1. All equipment shall be maintained and operated in strict accord with recommendations of the manufacturer/supplier and/or sound engineering principles.
2. The use of chromium compounds as corrosion inhibitors is prohibited and alternatives shall be subject to approval by the District.
3. Pursuant to the requirements of CCR Title 17 and Title 26 Sections 9310 regarding the Hexavalent Chromium Airborne Toxic Control Measure, the owner/operator shall: (<http://www.arb.ca.gov/drdb/mpa/curhtml/r902.htm>)
  - a. Not add any hexavalent chromium-containing compounds to the cooling tower circulating water, and
  - b. Keep the hexavalent chromium concentration in the cooling tower circulating water less than 0.15 milligrams hexavalent chromium per liter of circulating water, and;
  - c. Test the circulating water to determine the concentration of hexavalent chromium every six months in accordance with American Public Health Association Method 312B, or an equivalent method approved by the District, and,
  - d. Keep the results of all required tests of circulating water for two years, and submit them to District, State or Federal personal upon request. [Rule 204, CCR Title 17 and Title 26 Sections 93103]

Fee Schedule: 1 (c)

Rating: 450 bhp

SIC: 4911

SCC: 9999999

Location/UTM(Km):  
515E/3858N

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

4. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

5. 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.