



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B003941

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2022

OWNER OF OPERATOR (Co.#603)

Luz Solar Partners LTD., VIII
437 Madison Avenue 22nd Floor, Suite A
New York, NY 10022

EQUIPMENT LOCATION (Fac.#975)

Harper Lake SEGS VIII
43880 Harper Lake Road
Hinkley, CA 92347

Description:

COOLING TOWER, SEGS VIII consisting of: Marley six (6) cell counterflow model with a design drift rate of 0.0005 and a circulation rate of 56,400 gpm.

EQUIPMENT

| Capacity | Equipment Description |
|----------|--|
| 900 | Fans, Exhaust - six (6) @ 150 hp each & 1790 rpm |
| 40 | Pump, Circulation - one (1) @ 40 hp & 6000 gpm @ 705 rpm |
| 1200 | Pumps, Cooling Water - four (4) @ 300 hp and 14,100 gpm @ 705 rpm each |
| 40 | Pump, Auxiliary Cooling Water - one (1) @ 40 hp & 1775 rpm |
| 60 | Pumps, Cooling Tower Makeup - three (3) @ 20 hp each & 1765 rpm |

CONDITIONS:

1. All equipment shall be maintained and operated in strict accord with recommendations of the manufacturer/supplier and/or engineering principles.
2. The owner/operator (o/o) shall comply with District Rule 1503 relative to the "Hexavalent Chromium Emissions From Cooling Towers".

Fee Schedule: 1 (d)

Rating: 2240 bhp

SIC: 4911

SCC: 9999999

Location/UTM(Km):
469E/3876N

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.

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

3. The drift rate shall not exceed 0.0005 percent and the maximum circulation rate shall be 56,400 gpm. The maximum emission rate of PM10 shall not exceed 2.8 lb/h, calculated using water circulation rate, drift rate, total dissolved solids, and PM10 fraction (as presented in FPL Energy letter dated 3/25/2003).

4. Weekly tests of the blowdown water quality shall be performed by the o/o in accordance with the standard test procedures. These weekly recordings, including mass emission rate, shall be logged. This log shall and be maintained current, on-site for a minimum of 2 years and provided to District personnel on request.

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

6. A maintenance procedure shall be established that states how often and what procedures will be used to ensure the integrity of the drift eliminators. This procedure is to be kept on-site and be available to District personnel on request.