**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

## RENEWAL

B011189

Renewal type Permit has no description information.

## EXPIRES LAST DAY OF: NOVEMBER 2026

### OWNER OF OPERATOR (Co.#86)

MAGTFTC MCAGCC
Box 788110, Bldg 1418
Twentynine Palms, CA 92278-8110

### EQUIPMENT LOCATION (Fac.#3252)

USMC AGCC - USMC Utilities
Box 788110, Bldg. 1451
Twentynine Palms, CA 92278

**Description:**
COOLING TOWER (BLDG 1991) consisting of: Manufacturer SPX Cooling Technology (Marley), Model NC8409VAN, crossflow type, 4 Cells total (1 standby), 2600 gallons per minute (gpm) per cell. Four electric motors driving fans each 60 HP, 460V, 1800 RPM (4 X 60hp=240 hp). This equipment serves the cogeneration plant- building 1911.

## 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 equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.

3. The drift rate shall not exceed 0.005 percent with a maximum circulation rate of 10,400 gallons per minute. The maximum hourly PM10 emission rate shall not exceed 0.83 pounds per hour, as calculated per the written District-approved protocol.

4. The operator shall perform monthly specific conductivity tests of the blow-down water to indirectly measure total dissolved solids (TDS). Semi-annual tests of the blow-down water will be done to confirm the relationship between conductance and TDS.

| Fee Schedule: 1 (c) | Rating: 240 bhp | SIC: 9711 | SCC: 35800101 | Location/UTM(Km): 587E/3788N |
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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.

MAGTFTC MCAGCC
Box 788110, Building 1418

Twentynine Palms, CA 92278-8110

By: **COPY**
Brad Poiriez
Executive Director

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5. The operator shall conduct all required cooling tower water tests in accordance with a District-approved test and emissions calculation protocol. Thirty (30) days prior to the first such test the operator shall provide a written test and emissions calculation protocol for District review and approval.

6. The o/o shall maintain an operations log for this equipment on-site and current for a minimum of three (3) years, and said log shall be provided to District personnel on request. The operations log shall include the following information at a minimum:
a. Total operation time (hours per day, hours per month, and hours per rolling twelve month period); and
b. Daily system water flow rate (calculated or monitored), and
c. The date and result of each blow-down water test in TDS ppm, and the resulting mass emission rate.

7. 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 available to District personnel on request.

8. In each calendar year, the actual emissions of this facility shall be less than 20 tons NOx, 20 tons VOC, and 12 tons PM10 (SM80 Emission Rate). O/o shall demonstrate compliance with this limit on an annual basis through the submission of the Comprehensive Emission Inventory Report (CEIR) to the District. Copies of the CEIR(s) must be kept and maintained on-site for at least five years and presented to District personnel upon request. [District Rule 221]