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

RENEWAL

B000955

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:
BOILER - NO. 2, DUAL FUEL, HIGH TEMPERATURE HOT WATER (BLDG 1577) consisting of: an International Lamont Generator, model TJW-P-40, serial number 15694, equipped with American Combustion Technologies Super Low NOx burner with heat input rating of 51.2 millions Btu/hr, model ACT-08-G02-SLE with flue gas recirculation (FGR) and electronic modulation. Primary fuel is Natural Gas; Backup Fuel is #2 Fuel Oil.

EQUIPMENT

Capacity	Equipment Description
50	International Lamont Generator (50 MMBtu/hr)
0.03	Circulation Pump (15 hp)
0.12	High Temperature Water Distribution Pump (50 hp)
0.06	Combustion Air Blower (25 hp)
0.01	Fuel Oil Pump (7.5 hp)

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or in a manner consistent with safety and good air pollution control practices for minimizing emissions. Furthermore, operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application

Fee Schedule: 2 (e) | Rating: 50220000 Btu | SIC: 9711 | SCC: 10300602 | Location/UTM(Km): 587E/3788N

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

UNOFFICIAL

under which this permit is issued.
[District Rule 204]

2. This boiler is limited to firing pipeline regulated natural gas and No. 2 fuel oil as a backup. This unit may be fired on No. 2 fuel oil for testing or during curtailment of natural gas supply only.
[District Rule 431]

3. The Owner/Operators shall monitor and record for each permit unit the High Heat Value and cumulative annual usage of each fuel. The cumulative annual usage of each fuel shall be monitored from utility service meters, purchase or tank fill records. A statement of the heat input for the previous calendar year shall be submitted to the District by March 1 each year.
[District Rule 1157(E)(2)(a)]

4. Fuel oil sulfur concentration must not exceed 0.0015% on a weight per weight basis. Compliance must be demonstrated through the retention of the following;
a. The name of the oil supplier;
b. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR Part 60.41c; and
c. The sulfur content or maximum sulfur content of the oil.
[District Rule 431 and 40 CFR 60.42c (d)]

5. This unit shall not exceed the following emission limits, verified through an initial compliance test, in accordance with Rule 1157. All values corrected to 3% oxygen:
a. Carbon monoxide: 100 ppmv;
b. NOx: 9 ppmv, and/or 0.011 lbs/MMBtu of heat input, when operated on gaseous fuel;
c. NOx: 100 ppmv, and/or 0.150 lbs/MMBtu of heat input, when operated on liquid fuels at loads varying from 25 to 100%.
[District Rule 1303(A)]

6. Initial compliance tests shall be conducted within 90 days of initial operation and shall follow the procedures stipulated in District Rule 1157. Owner/operator shall provide written notification to the District at a minimum 10 days prior to conducting the test. Written test results shall be provided to the District within 45 days of completion of the test.

7. This equipment shall be tested to determine compliance with the above limits through emission compliance testing, according to Rule 1157, not less than once every twelve (12) months. A tune-up may be performed in lieu of a compliance test for years when the annual heat input is less than 50,000 MMBtu. The boilers with valid District permits B000955, B011795, and M011794 represent three like boilers. If the combined annual heat input is above 50,000 MMBtu, then the emission limits and annual testing apply to all units.
[District Rule 1157]

8. The operator shall maintain a log for this equipment, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of two (2) years and shall be provided to District personnel on request:
a. Annual fuel use (MMcf) or heat input (MMBtu), on a calendar year basis;
b. Annual compliance test or tune-up verification;
c. Gaseous and Liquid fuel sulfur content (fuel supplier certifications).
[District Rule 204]

9. The boilers with valid District permits B000955, B011795, and M011794 represent three like boilers, one of which is a standby unit. No more than two of the three boilers covered by these permits can be operated simultaneously, except for one hour during start-up of one boiler and ramp-down/shut-down of another boiler.
[District Rule 204]

10. 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]

11. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]