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

PERMIT TO OPERATE

M003239

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

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.#3245)

USMC AGCC - USN Naval Hospital
Box 788110, Bldg. 1451
Twentynine Palms, CA 92278

Description:
BOILER, BASE HOSPITAL (NO. 2, BLDG 1145) consisting of: a Kewanee Steam Boiler, model H3S-150-GO, serial number 10468, equipped with a Cleaver Brooks model NTH080-GX-9S-4 serial number 59827-2 low NOx (9ppmv @ 3% O2) burner rated at 6.25 MMBtu/hr heat input. The burner may be fired on natural gas or No. 2 fuel oil.

EQUIPMENT

Capacity	Equipment Description
62.78	Kewanee Steam Boiler (6.278 MMBtu/hr)
0.01	Circulation Pump (0.75 hp)
0.07	High Temperature Water Distribution Pump (3 hp)
0.12	Induced Draft Fan (5 hp)
0.12	Combution Air Blower (5 hp)
0.01	Fuel Oil Pump (0.5 hp)

CONDITIONS:

Fee Schedule: 10 (2d) Rating: 6250000 Btu SIC: 9711 SCC: 10300603 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

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 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 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. Liquid fuel sulfur content (fuel supplier certifications).
[District Rule 204]

4. 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)]

5. This unit shall meet the following emission limits (corrected to 3% oxygen):
a. Carbon monoxide not to exceed 50 ppmv and/or 0.15 lb/MMBtu;
b. NOx not to exceed 9 ppmv and/or 0.011 lb/MMBtu.
[District Rule 1303(A) and Rule 1157]

6. 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 B003238 and M003239 represent two identical boilers. If the combined annual heat input is above 50,000 MMBtu, then the emission limits and annual testing apply to all units.

7. The boilers with valid District permits B003238, and M003239 represent two identical boilers, one of which is a standby unit. No more than one of the two 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]

8. 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]