



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

B004800

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: SEPTEMBER 2025

OWNER OF OPERATOR (Co. #32)

St. Joseph Health
18300 Highway 18
Apple Valley, CA 92307

EQUIPMENT LOCATION (Fac. #313)

Providence St. Mary Medical Center
18300 Highway 18
Apple Valley, CA 92307

Description:

BOILER #3 (Basement) consisting of: a 200 boiler hp Kewanee Boiler, model MDS7810, serial number 85295, which is natural gas fired but has the capacity to fire fuel oil. The maximum heat input is 7.4 millions Btu/h. Stack is 40 feet high and 1.0 feet in diameter. Exhaust temperature is 250 degrees F. Equipment Elevation is 2848 feet above sea level.

CONDITIONS:

1. The owner/operator, o/o, shall use fuel oil only as a back up fuel, whose sulfur concentration is equal to or less than 0.0015% by weight. The o/o may use the supplier's sulfur value, but at the discretion of the District, the o/o shall take a sample of the fuel oil and submit it to an independent analytical laboratory for a sulfur determination by approved methods. The results of the analysis shall be logged.
2. This equipment shall be tested to determine compliance with applicable 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 B000302, B000303 and B004800 represent three linked boilers. If the combined annual heat input is above 50,000 MMBtu, then the emission limits and annual testing apply to all units.
3. 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.
4. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier

Fee Schedule: 2 (d) Rating: 7400000Btu SIC: 8062 SCC: 10300603 Location/UTM(Km): 485E/3817N

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.

St. Joseph Health
Attn: A/P Department

Salt Lake City, UT 84131-0263

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

and/or sound engineering principles which produce the minimum emissions of contaminants.

5. 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);
- d. Liquid fuel delivery date and volume or weight;
- e. Date and duration (in minutes) of each firing on fuel oil.

6. This unit shall meet the following emission limits, when the annual heat input is greater than or equal to 50,000 MMBtu (corrected to 3% oxygen):

- a. Carbon monoxide less than 400 ppmv;
- b. NO_x less than 70 ppmv, and/or 0.084 lbs/MMBtu of heat input, when operated on gaseous fuel;
- c. NO_x less than 115 ppmv, and/or 0.150 lbs/MMBtu of heat input, when operated on liquid and/or solid fuels.

7. 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, and 40 CFR 51, Subpart A]