



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

B011405

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: JANUARY 2026

OWNER OF OPERATOR (Co. #2027)

Hospital of Barstow, Inc.
820 E. Mountain View Street
Barstow, CA 92311

EQUIPMENT LOCATION (Fac. #3336)

Barstow Community Hospital (E. Mtn View)
820 E. Mountain View Street
Barstow, CA 92311

Description:

BOILER, NATURAL GAS AND DIESEL FIRED consisting of: Bryan Boiler, Model No. AB300-W-FDGO-LX Serial No. 98670 and rated 3.0 MMBtu/hr

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 204]

2. Primary operation of this boiler shall only be fired with pipeline quality natural gas. Diesel fuel is only to be used during natural gas curtailment, gas supply interruption, startups, or for periodic testing, maintenance, or operator training on diesel fuel. [District Rule 431 and 1157]

3. The owner/operator shall only use diesel fuel with a sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis. [District Rule 431]

Note: Use of CARB certified ULSD fuel satisfies the above requirements.

4. During natural gas curtailment, gas supply interruption, or boiler startup, the combined use of boilers B011405 and B011406 shall not exceed more than 2,000 hours per rolling 12-month period when fired on diesel fuel.

Fee Schedule: 2 (c)

Rating: 3000000 Btu

SIC: 8062

SCC: 10300603

Location/UTM(Km): 498E/3862N

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.

Hospital of Barstow, Inc.
820 E. Mountain View Street
Barstow, CA 92311

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

[District rule 1520]

5.This unit meets the definition of "gas-fired boiler" per 40 CFR 63 Subpart JJJJJ, NESHAP for Industrial, Commercial, and Institutional Boilers Area Sources, and is therefore not subject to the requirements therein. Periodic testing, maintenance, or operator training on Diesel Fuel shall not exceed a combined total of 48 hours during any calendar year.

[District Rule 1157]

6.The owner/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 natural gas fuel use (MMcf) or heat input (MMBtu), on a calendar year basis.
- b. Annual tune-up verification.
- c. Rolling consecutive twelve-month period hours of operation when using Diesel Fuel.
- d.Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content. Such certification may be stored separately from the remainder of the log.

[District Rule 1157]

7.This unit shall meet the following emission limits (corrected to 3% oxygen):

- a. Carbon monoxide 400 ppmv, 0.90 lb/hr;
- b. NOx 30 ppmv, 0.11 lb/hr;
- c. VOC 0.0159 lb/hr;
- d. SOx 36 ppmv, .0018 lb/hr;
- e. PM10 0.015 lb/hr

[District Rule 1157 and 1303]

8.Should operation of this boiler, when using diesel fuel, exceed 720 cumulative hours in a twelve month consecutive period, emissions compliance testing will be required to verify that an emissions limit of either 150 ppmv or 0.215 pound per million Btu of heat input is met.

[District Rule 1157]

The owner/operator must provide a written performance test plan or protocol at least thirty days prior to the test date. The owner/operator must conduct all required compliance/performance tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/performance test date so that an observer may be present. The final compliance/performance test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/performance test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.

[40 CFR 60.4243(b)(2)(ii); District Rule 1160(E)(1)(d)]

9.This boiler does not require regular emissions testing when firing on natural gas, but the District may require testing at its discretion.

[District Rule 204]

10.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]