



**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**

B003315

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.#88)**

NAWS  
429 E Bowen Road - Stop 4014  
China Lake, CA 93555-6108

**EQUIPMENT LOCATION (Fac.#567)**

NAWCWD Test Stands  
429 E Bowen Road - Stop 4014  
China Lake, CA 935556108

**Description:**

BOILER No. 33 (BLDG 31598) consisting of: A 2.1 MMBtu per hour Natural Gas fired Ajax Boiler Inc. firetube boiler manufactured in 1969, model SGX-3000 and serial number 22785-11W, with no add-on emission control system installed.

**EQUIPMENT**

Capacity	Equipment Description
2.1	Steam Boiler
0.0038	Condenser Pump motors, two at 0.75 hp each

**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; 40 CFR 63, Subpart DDDDD: 63.7500]
2. This boiler shall only be fueled with utility grade natural gas and shall be equipped with a meter measuring fuel consumption in standard cubic feet.

Fee Schedule: 8 (C)

Rating: 2103825 Btu

SIC: 9711

SCC: 10300602

Location/UTM(Km):  
450E/3946N

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.

NAWS  
Environmental Management Division  
China Lake, CA 93555-6108

By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

[District Rules 204 and 1303]

3. Beginning no later than 12/31/2023, a statement of the heat input for the previous calendar year shall be submitted to the District by March 1 each year.

[District Rule 1157.1 and 1302]

4. 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 five years and shall be provided to District personnel upon request:

- (a) Monthly fuel use in cubic feet;
- (b) Cumulative rolling twelve-month period fuel use in cubic feet;
- (c) Fuel certification (sulfur concentration); and
- (d) Results of all Boiler Tune-ups.

[District Rule 1303; 40 CFR 70.6(a)(3)(ii)(b); 40 CFR Part 60 Subpart Dc: 60.48c, 40 CFR 63.7550]

5. Pollutant emission rates (concentrations) at full load shall be limited to 9 ppmvd NO<sub>x</sub> and 50 ppmvd CO, corrected to 3% oxygen. Records of the initial source test for this boiler shall be kept on file to demonstrate compliance.

[District Rules 204, 1157.1 and 1303]

6. Beginning no later than 12/31/2023, if the Annual Heat Input threshold of 50,000 MMBtu for a calendar year is exceeded, emissions testing will be required not less than once every 24 months in accordance with District Rule 1157.1.

[District Rules 1157.1 and 1302]

7. Beginning no later than 12/31/2023, this boiler shall be tuned not less than once every 12 months in accordance with District Rule 1157.1. In a year when emissions testing is performed in accordance with District Rule 1157.1, a tune-up is not required to be performed.

[District Rule 204, 1157.1 and 1302]

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, and 40 CFR 51, Subpart A]