



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

B010129

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: JANUARY 2027

OWNER OF OPERATOR (Co.#1788)

Flavor House, Inc.
16378 Koala Rd
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac.#3030)

Flavor House, Inc
9516 Commerce Way
Adelanto, CA 92301

Description:

BOILER consisting of: Cleaver-Brooks Model CEW 700-200, Serial Number 0L101716 with a maximum heat input of 8.4 MMBtu/hr, equipped with an Alzeta Burner Model# AZCR6-G-30, SN# 010203128 with a maximum fuel usage rate of 8400 cubic feet per hour.

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 under which this permit is issued.

[District Rule 1303(B)]

2. This equipment is limited to using only PUC-Regulated pipeline quality natural gas for fuel.

[District Rules 431 and 1303(B)]

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed unit operating time.

[District Rule 204]

Fee Schedule: 2 (d)

Rating: 8400000 Btu

SIC: 2034

SCC: 10300603

Location/UTM(Km):
459E/3826N

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.

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

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 two (2) years and shall be provided to District personnel on request:

- a. Cumulative annual fuel use in cubic feet or operation in hours; and,
- b. Documentation of all boiler source tests and tune-ups.

[District Rules 1157 and 1302(C)]

5. The owners/operators shall monitor and record for each permit the HHV and cumulative annual (calendar year) usage of fuel. The cumulative annual (calendar year) usage of fuel shall be monitored from utility service meters, purchase or tank fill records, or by any other acceptable methods, as approved by the Air Pollution Control Officer. A statement of the heat input for the previous calendar year shall be submitted to the District by March 1 each year.

[Rules 204; 1157]

6. Prior to the permit expiration date each year, the o/o shall either perform a NO_x and CO compliance test, or have this equipment tuned, as specified by Rule 1157. A tune-up may be performed in lieu of a compliance test during those permit years when the annual heat input to this unit does not exceed 50,000 MMBtu per year. Should the fuel use reach 50,000 MMBtu/year or more, a compliance test will be required not less than every twelve (12) months commencing when the fuel usage reaches the 50,000 MMBtu/year threshold.

[District Rule 1157]

7. If a source test is required pursuant to the fuel use as specified in permit condition 6, source tests for NO_x and CO shall be conducted as follows:

The NO_x source test must be conducted in accordance with USEPA Method 7E or CARB Method 100, the CO source test must be conducted in accordance with USEPA Method 10 or CARB Method 100, and the Stack Gas Oxygen must be measured in accordance with USEPA Method 3 or 3A or ARB Method 100. All tests must be conducted while the equipment is running at a minimum load of 90%.

The owner/operator must submit a source test protocol at least thirty (30) days prior to the scheduled source test date for District review and approval, and the owner/operator must conduct all required tests in accordance with the District-approved test protocol.

The owner/operator must notify the District a minimum of ten (10) days prior to the first day of testing so that an observer may be present.

The source test report must be submitted to the District within forty-five (45) days of completion of the test. All compliance/certification test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov

[District Rules 204, 1157(E)(1), and 1320; 40 CFR 60.8]

8. In order to remain below the 80% significance threshold for USEPA Major Source designation ("SM-80"), emissions from the entire facility shall not exceed the following limits:

- a. Oxides of Nitrogen (NO_x): 20 tons per consecutive twelve month period, measured as NO₂;
- b. Oxides of Sulfur (SO_x): 20 tons per consecutive twelve month period;
- c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve month period;
- d. Carbon Monoxide (CO): 80 tons per consecutive twelve month period;
- e. Hydrogen Sulfide (H₂S): 8 tons per consecutive twelve month period;
- f. Lead (Pb): 0.48 tons per consecutive twelve month period;
- g. Particulate Matter 10 microns and less (PM₁₀): 12 tons per consecutive twelve month period;
- h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve month period; and
- i. All HAPs combined: 20 tons per consecutive twelve month period.

Compliance shall be demonstrated to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEI) or other equivalent and District approved method.

[District Rules 1302 and 1320]

9. 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), Health & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]