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

E008464

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: JULY 2027

OWNER OF OPERATOR (Co.#2278)

Frontier California Inc.
280 S. Locust Street
Pomona, CA 91766

EQUIPMENT LOCATION (Fac.#2516)

Frontier - GC# 757
14041 Amargosa Rd
Victorville, CA 92392

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: A certified Tier 1 engine, EPA Family 1CEXL0505ACD, manufactured in 2001 with with no exhaust after-treatment device installed. Exhaust stack is 9 feet high and 3 inches in diameter with an exhaust flow of 1,090 CFM at 1015 degrees F.

One Cummins, Diesel fired internal combustion engine Model No. 6CT8.3-G2 and Serial No. 46233987, Charge Air Cooler, Compression-Ignited, Direct Injected, Turbo Charged, producing 207 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 10.7 gal/hr. This equipment powers a Cummins Power Generation Generator Model No. DGEA-5564823 and Serial No. G020395199, rated at 150 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	.520	gm/bhp-hr
NOx	5.52	gm/bhp-hr
PM10	0.25	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.30	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 4813 | SCC: 20100102 | Location/UTM(Km): 473E/3820N

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.

Frontier California Inc.
280 S. Locust Street
Pomona, CA 91766

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 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 Rules 204 and 1303]

2. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93115.10(d)]

3. This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:
a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,
b. A cetane index or aromatic content, as follows:
1. A minimum cetane index of 40; or,
2. A maximum aromatic content of 35 volume percent.
[17 CCR 93115.5(a) and 40 CFR 80.510(b)]
Note: Use of CARB certified ULSD fuel satisfies these requirements.

4. This unit shall be limited to emergency use only, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.
[17 CCR 93115.6(b)]

5. The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of three (3) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
a. Date of each use and duration of each use (in hours per hour meter);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons or total hours);
d. Records of all required maintenance and inspections, and;
e. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).
[17 CCR 93115.10(f)]

6. This unit shall not be used to provide power during a voluntarily agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.
[17 CCR 93115.6(c)(2); Rule 204]

7. This engine is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines, Title 17 CCR 93115.
[Title 17 CCR 93115, Rule 204]

8. As authorized in 40 CFR 63.6585(f), this area HAP source engine is currently exempt from the requirements of 40 CFR 63, subpart ZZZZ - the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (the RICE NESHAP).
Upon loss of this exemption, immediate compliance with 40 CFR 63, Subpart ZZZZ is required. Additionally, this existing commercial emergency stationary engine shall not operate for non-emergency use as part of any financial arrangement with any other entity.
[40 CFR 63.6585(f), 40 CFR 63.6640(f), and 40 CFR 63.6675]

9. Because this equipment is located within 500 feet of a K-12 school, this equipment shall not operate for non-emergency use, including maintenance and testing, during the following periods:
(a) Whenever there is a school sponsored activity on school grounds; or,
(b) Between 7:30 a.m. and 3:30 p.m. on days when school is in session.

[17 CCR 93115.6(b)(2)]

10. This engine may operate in response to a notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.
[17 CCR 93115.6(b)]

11. 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]