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

E010779

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: JUNE 2027

OWNER OF OPERATOR (Co.#199)

SBCo Fleet Management Department
210 N Lena Road
San Bernardino, CA 92415-0842

EQUIPMENT LOCATION (Fac.#3162)

SBCo Fire Station 53 - Baker
72734 Baker Blvd.
Baker, CA 92309-0622

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Manufacture 2006, Tier II; USEPA Family 6JDXL03.0063, CARB EO U-R-004-0241:

One John Deere, Diesel fired internal combustion engine Model No. 5030TF270C and Serial No. PE5030T073089, producing 80.5 bhp with 5 cylinders at 1800 rpm while consuming a maximum of 4.0 gal/hr. This equipment powers a Generac Generator Model No. SD0050-G363 and Serial No. 2087801, rated at 50 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.70	gm/bhp-hr
NOx	5.32	gm/bhp-hr
PM10	0.10	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	.28	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 9224 | SCC: 20100102 | Location/UTM(Km): 583E/3905N

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.

SBCo Fleet Management Department
210 N Lena Road
San Bernardino, CA 92415-0842

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

1. This certified, stationary, compression-ignited, internal combustion engine and control devices shall be installed, operated and maintained in strict accord 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.
[40 CFR 60.4211(a) - Subpart IIII - NSPS for Stationary Compression Ignition ICE]

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. [17 CCR 93115, ATCM for Stationary Compression Engines and 40 CFR 60.4209(a), Subpart IIII - NSPS for Stationary Compression Ignition ICE]

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:
(i) A minimum cetane index of 40; or,
(ii) A maximum aromatic content of 35 volume percent.
[17 CCR 93115.5(a), 40 CFR 80.510(b), and 40 CFR 60.4207(b)]
Note: Use of CARB certified ULSD fuel satisfies these requirements.

4. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of two (2) 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);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
[17 CCR 93115, ATCM for Stationary Compression Engines]

5. Engine may operate in response to 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, ATCM for Stationary Compression Engines]

6. The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6625(h)] [Rule 204]

7. This unit shall not be used to provide power during a voluntary 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, ATCM for Stationary Compression Engines]

8. This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115) and 40 CFR 60 - Subpart IIII - NSPS for Stationary Compression Ignition ICE]. In the event of conflict between these conditions, the ATCM, and the RICE NSPS the more stringent requirements shall govern. [Rule 204]

9. This unit shall be limited to use for emergency power, 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 50 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 50 hour per year limit.

[17 CCR 93115, ATCM for Stationary Compression Engines and 40 CFR 60.4211(e), Subpart IIII - NSPS for Stationary Compression Ignition ICE]

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]