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

E008820

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.#199)

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

EQUIPMENT LOCATION (Fac.#2620)

SBCo - Juvenile Detention
21101 Dale Evans Parkway
Apple Valley, CA 92307

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Manufacture: Unknown. This engine meets the definition of Existing Institutional Emergency RICE pursuant to 40 CFR 63 Subpart ZZZZ Section 63.6585(f)(3) and operated at an area HAP source therefore it exempt from the requirements of the NESHAP.

One Detroit Diesel, Diesel fired internal combustion engine Model No. S60 and Serial No. 06R0725502, Inter Cooled, Turbo Charged, producing 550 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 87.0 gal/hr. This equipment powers a Kohler Generator Model No. 4M4019 and Serial No. 0757654, rated at 355 kW.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of themanufacturer/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.[Rule 204]

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this equipment to indicate elapsed engine operating time.
[17 CCR 93115.10(d)]

Fee Schedule: 7 (g)	Rating: 1 device	SIC: 9223	SCC: 20100102	Location/UTM(Km): 482E/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.

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

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

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, equal to 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) and 40 CFR 63.6604]
Note: Use of CARB certified ULSD fuel satisfies the requirements of subparagraph 3.b above.

4. This equipment 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 20 hours per year for testing and maintenance.
[17 CCR 93115.6(b)(3)]

5. The owner/operator shall maintain an operations log for this equipment current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:
a. Date of each use and hours of operation with documentation of how many hours are spent for emergency operation, including what classified the operation as emergency, and how many hours are spent for non-emergency operation, including what classified the operation as non-emergency. [17 CCR 93115.10(f)]; and,
b. Monthly and calendar year operation in terms of total hours, both emergency and non-emergency use, classified as described in a. above [17 CCR 93115.10(f)]; and,
c. Monthly fuel use [17 CCR 93115.10(f)]; and,
d. Fuel sulfur concentration and cetane index, as required by condition 3 (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
e. Maintenance performed on this equipment, inclusive of the management practice requirements of condition 6 below.

6. This equipment 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 93115.6(b)(1)]

7. This equipment 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 93115.6(c)(2)(C)]

8. This equipment 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 93115.6(b)(1)]

9. The owner/operaor shall not operate this stationary emergency standby diesel-fueled IC engine for non-emergency use, including maintenance and testing, between the hours of 7:30 AM and 3:30 PM on days when the school is in session, if located within
500 feet of the outer boundary of a school (K-12).
[17 CCR 93115.6]

10. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines Title 17 CCR 93115. In the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern.
[District Rule 204]

11. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon Districtrequest.
[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]