



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

E012363

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: OCTOBER 2025

OWNER OF OPERATOR (Co. #2230)

Knolls West Post Acute LLC
16890 Green Tree Blvd
Victorville, CA 92395

EQUIPMENT LOCATION (Fac. #3594)

Knolls West Post Acute LLC
16890 Green Tree Blvd
Victorville, CA 92395

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: A certified Tier 2 engine, EPA Family 3CPXL15.8ESK, manufactured in 2003 with no exhaust after-treatment device installed.

One Caterpillar, Diesel fired internal combustion engine Model No. 3456 and Serial No. 3PG00661, Direct Injected, Electronic Control Module, Inter Cooled, Turbo Charged, producing 471 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 20 gal/hr. This equipment powers a Caterpillar Generator Model No. SR4B and Serial No. CBM00167, rated at 400 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.447	gm/bhp-hr
NOx	4.04	gm/bhp-hr
PM10	0.0671	gm/bhp-hr
SOx	0.00581	gm/bhp-hr
VOC	0.213	gm/bhp-hr

CONDITIONS:

1. This existing, diesel engine, and any associated air pollution control equipment, 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

Fee Schedule: 7 (g) Rating: 1 device SIC: 8062 SCC: 20100102 Location/UTM(Km): 473E/3965N

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**
Brad Poiriez
Air Pollution Control Officer

submitted with the application for this permit.
[District 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)]

3.This equipment shall only be fired on diesel fuel that meets the definition of CARB Diesel Fuel per 93115.4(a)(8), or an alternative fuel that meets the requirements of 17 CCR 93115.5(a) and (b).

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 25 hours per year for testing and maintenance. This 25 hour limitation shall exclude testing and maintenance as required by the National Fire Protection Association (NFPA), the Joint Commission on Accreditation of Healthcare Organizations (JCAHCO), or as otherwise required by the State of California for Health Facilities as defined under California Health and Safety Code Section 41514.1. This unit shall be operated for no more than 20 additional hours annually to satisfy the requirements set forth by these authorities, and these additional hours shall be documented within the operations log for this equipment.
[17 CCR 93115.6(b) and H&S Code 1250 & 41514.1]

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 three (3) 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(s) of each use and hours of operation;
b. Reason for use (regular testing & maintenance, NFPA testing & maintenance, emergency, etc.);
c. Monthly and calendar year operation in terms of fuel consumption (in gallons) and/or total hours (both emergency and non-emergency use, classified as described in b. above);
d. Proof that fuel burned in this equipment meets the requirements of condition 3 (the owner/operator 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.
[17 CCR 93115.10(f)]

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 engine meets the definition of an existing institutional emergency stationary RICE pursuant to 40 CFR 63, Subpart ZZZZ. Furthermore, this existing institutional emergency stationary RICE is exempt from 40 CFR 63, Subpart ZZZZ per 63.6585(f)(3). Upon loss of this definition and/or exemption, immediate compliance with 40 CFR 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (NESHAP) is required.

9.If this equipment is located at or near a 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; 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 equipment is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115).

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]