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

E005364

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.#1329)

Level 3 Communications
P.O. Box 1330
Camarillo, CA 93011

EQUIPMENT LOCATION (Fac.#2189)

tw telecom - Adelanto Rd
17437 Adelanto Road
Adelanto, CA 92301

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: An in-use and existing engine manufactured in 1999, Tier 1, USEPA Family Number XJDXL08.1008.

One John Deere, Diesel fired internal combustion engine Model No. 6081AF001 and Serial No. RG6081A091182, After Cooled, Turbo Charged, producing 250 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 8.0 gal/hr. This equipment powers a Kohler Co Generator Model No. 150R0XJ and Serial No. 0625040, rated at 150 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.2	gm/bhp-hr
NOx	6.5	gm/bhp-hr
PM10	0.2	gm/bhp-hr
VOC	0.5	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 4813 | SCC: 20100102 | 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.

Level 3 Communications
Holly Ebright

Camarillo, CA 93011

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

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 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 unit to indicate elapsed engine operating time.
[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 the above requirements.

4. 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 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)(3)]

5. The owner/operator shall maintain an operations log for this equipment current and on-site (or at a central location) for aminimum 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 of each use and duration of each use (in hours);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Maintenance records including corrective actions undertaken to restore engine to its normal operating mode following a malfunction;
[40 CFR 63.6655(a)(5)]
d. Calendar year operation in terms of total hours; and
e. Fuel purchase records.
[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 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 93115.6(c)(2)(C)]

8. This engine meets the definition of an existing commercial emergency stationary RICE pursuant to 40 CFR 63, Subpart ZZZZ. Furthermore, this existing commercial emergency stationary RICE is exempt from 40 CFR 63, Subpart ZZZZ per 63.6585(f)(2).

Per this exemption, this existing commercial emergency stationary RICE located at an area source of HAP emissions shall not operate, nor contractually obligate to be available, for more than 15 hours per calendar year for the purposes specified below:
a. Operation for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies, or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.

b. Operation for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

Additionally, per this exemption, this existing commercial emergency stationary RICE located at an area source of HAP emissions shall not operate for non-emergency use as part of a financial arrangement with another entity.

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

10. A facility wide Comprehensive Emission Inventory (CEI) Plan and Report 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]