MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT E015614

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: DECEMBER 2027

OWNER OF OPERATOR (Co.#1329)

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

EQUIPMENT LOCATION (Fac.#2301)

Level 3 Communications - Barstow Rd
29811 Brahma Road
Barstow, CA 92301

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: A Certified Tier 3 diesel engine, USEPA family TCEXL0540AAB-037, manufactured in 2026. Exhaust flow approximately 2137 CFM, at 1025 degrees Fahrenheit through an estimated 10 foot high by TBD foot diameter exhaust stack. Facility elevation is 2912 feet above sea level.

One Cummins, Diesel fired internal combustion engine Model No. QSL9-G7 and Serial No. TBD, After Cooled, Turbo Charged, producing 464 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 23.1 gal/hr. This equipment powers a Cummins Generator Model No. DQDAC and Serial No. TBD, rated at 300 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.46	gm/bhp-hr
NOx	5.25	gm/bhp-hr
PM10	0.11	gm/bhp-hr
PM2.5	0.11	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.2	gm/bhp-hr

Fee Schedule: 7 (g) | Rating: 464 device | SIC: 4813 | SCC: 20100102 | Location/UTM(Km): 498E/3862N

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

CONDITIONS:

1. This certified Tier 3 stationary compression-ignited internal combustion engine and any associated air pollution control 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 air 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; 40 CFR 60.4211(a)]

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this equipment to indicate elapsed engine operating time.
[District Rule 1160(D)(2)(b); 17 CCR 93115.10(d)(1)]

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 60.4207(b) and 40 CFR 1090.305]
Note: Use of CARB certified ULSD fuel satisfies these requirements.

4. The owner/operator shall maintain an operations log for this engine 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 Federal personnel upon request. The log shall include, at a minimum, the following information:
a. Date of each use and duration of each use (in hours);
b. Reason for use (testing & maintenance, emergency, required emission testing, etc.);
c. Monthly and consecutive 12 month period operation in terms of fuel consumption (in gallons) or total hours (both emergency and non-emergency use, classified as described in b. above);
d. Fuel sulfur concentration 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);
e. Maintenance performed on this equipment;
f. Calendar year operating hours to assist CEI calculations.
[District Rule 1160(D)(2)(b); 17 CCR 93115.10(e,f)]

5. This engine shall be limited to use for emergency power, defined as in response to a fire or flood, or when commercially available power has been interrupted. Based on the diesel particulate emissions rate, this engine shall be operated no more than fifty (50) hours per consecutive 12 month period for testing and maintenance. Please note there is no limitation on emergency use.
[District Rule 204; District Rule 1160(D)(1)(d); 17 CCR 93115.6(a)(3)(A)(1)(c)]

6. This equipment may operate in response to an 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 may be operated no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer imminent or in effect.
[17 CCR 93115.6(a)(2)]

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)(1)(C)]

8. This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.

[District Rule 1302; Title 17 CCR 93115; 40 CFR 60]

9. 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. For the purposes of CEI, Facility is defined as every structure, appurtenance, installation, and improvement on land which is associated with a source of air releases or potential air releases of a hazardous material. [District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]