



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

E012489

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: FEBRUARY 2027

OWNER OF OPERATOR (Co.#2806)

HIGCOV-SCLC-DC13B, LLC
9960 W. Cheyenne Avenue, #212
Las Vegas, NV 89129

EQUIPMENT LOCATION (Fac.#3624)

DC13B
13364 Aerospace Dr.
Victorville, CA 92394

Description:

DIESEL IC ENGINE, EMERGENCY FIRE PUMP (NW CORNER) consisting of: Year of Manufacturer 2016, Engine Family Name GJDXL13.5103.

One John Deere, Diesel fired internal combustion engine Model No. 6068HFC48 and Serial No. PE6068L281776, Turbo Charged, producing 209 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 10.3 gal/hr. This equipment powers a Patterson Fire Pump Model No. 8X6YSH and Serial No. FP-C0147929, rated at 2000 GPM.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.45	gm/bhp-hr
NOx	2.36	gm/bhp-hr
PM10	0.08	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	0.12	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g)

Rating: 209 device

SIC: 4225

SCC: 20100102

Location/UTM(Km):
473E/3956N

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.

HIGCOV-SCLC-DC13B, LLC
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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

1. This certified stationary compression-ignited internal combustion engine 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.

[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.

[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:

(i) A minimum cetane index of 40; or,

(ii) A maximum aromatic content of 35 volume percent.

Note: Use of CARB certified ULSD fuel satisfies the requirements of subparagraph 3.b above.

[17 CCR 93115.5(b) and 40 CFR 60.4207(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 fifty (50) hours per year for testing and maintenance.

[17 CCR 93115.6(b)(3)]

5. The hour limits indicated in condition 4, above, do not apply to in-use emergency fire pump assemblies that are driven directly by stationary diesel-fueled CI engines and only operated the number of hours necessary to comply with the testing requirements of National Fire Protection Association (NFPA) 25 "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 2002 edition, which is incorporated herein by reference.

[17 CCR 93115.3(n)]

6. The o/o shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of five (5) years, and be made available to the District staff within 5 working days from the District's request, 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) [40 CFR 60.4214];

b. Reason for use (testing & maintenance, emergency, required emission testing) [40 CFR 60.4214];

c. Calendar year operation in terms of fuel consumption (in gallons) and total hours [District and State Only]; 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) [40 CFR 60.4207].

7. 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]

8. 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]