



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

E010095

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: DECEMBER 2025

OWNER OF OPERATOR (Co. #2799)

HIGCOV-SCLC-DC3, LLC
9960 W. Cheyenne Avenue, #212
Las Vegas, NV 89129

EQUIPMENT LOCATION (Fac. #3024)

DC3
17182 Nevada Avenue
Victorville, CA 92394

Description:

DIESEL IC ENGINE, EMERGENCY FIRE PUMP (SE CORNER) consisting of: Year of Manufacturer 2007, tier 2.

One John Deere, Diesel fired internal combustion engine Model No. 6068TF220 and Serial No. PE6068T682172, Turbo Charged, producing 183 bhp with 6 cylinders at 1760 rpm while consuming a maximum of 11.0 gal/hr. This equipment powers a Clarke Fire Pump Model No. JU6H-UF50 and Serial No. 07-1553311, rated at 2000 gpm.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.49	gm/bhp-hr
NOx	4.9	gm/bhp-hr
PM10	0.13	gm/bhp-hr
SOx	0.005	gm/bhp-hr

CONDITIONS:

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)]

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 3089

SCC: 20100102

Location/UTM(Km): 473E/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.

HIGCOV-SCLC-DC3, LLC
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By: **COPY**
Brad Poiriez
Air Pollution Control Officer

2.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) and 40 CFR 60.4207(b)]

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

3.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)]

4.This unit shall be limited to emergency use defined as the pumping of water for fire suppression or protection or the pumping of water to maintain pressure in the water distribution system due to a high demand on the water supply system due to high use of water for fire suppression. This unit shall be operated no more than 50 hours per year however for testing and maintenance. However this limit does 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(n), ATCM for Stationary Compression Engines and 40 CFR 60.4211(e), Subpart IIII - NSPS for Stationary Compression Ignition ICE]

5.The owner/operator shall maintain an operations log for this unit 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 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 per hour meter);
- b. Reason for use (testing & maintenance, emergency, required emission testing);
- c. Rolling consecutive twelve month period operation in terms of fuel consumption (in gallons) or total hours;
- d. Records of all maintenance and inspections; and,
- e. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[40 CFR 70.6(a)(3)(ii)(b), 40 CFR 60.4214, 17 CCR 93115.10(f), District Rule 204]

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

7.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]