



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

E012909

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: JANUARY 2027

OWNER OF OPERATOR (Co.#2800)

HIGCOV-SCIC-DC18, LLC
9960 W. Cheyenne Avenue, #212
Las Vegas, NV 89129

EQUIPMENT LOCATION (Fac.#3679)

DC18 NE
13865 George Blvd.
Victorville, CA 92394

Description:

DIESEL IC ENGINE, FIRE PUMP (NE CORNER) consisting of: A certified Tier 3, USEPA Engine Family HJDXL13.5103, manufactured in 2017 with no exhaust after-treatment device installed.

One John Deere, Diesel fired internal combustion engine Model No. 6068HFC48 and Serial No. PE6068N001974, Direct Injected, Turbo Charged, producing 209 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 10.3 gal/hr. This equipment powers a Clarke Fire Pump Model No. JU6H-UFADP0 and Serial No. FP-C0156898, rated at 2000 GPM.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.45	gm/bhp-hr
NOx	2.47	gm/bhp-hr
PM10	0.07	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	0.08	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4225

SCC: 20100102

Location/UTM(Km):
466E/3827N

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-SCIC-DC18, LLC
9960 W. Cheyenne Avenue, #212
Las Vegas, NV 89129

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.

[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.

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 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 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 calendar year operation in terms of fuel consumption (in gallons) and/or total hours;

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); and,

e. Maintenance performed on this equipment.

[17 CCR 93115.10(f)]

5. This engine shall be limited to use for emergency power, defined as in response to a fire or flood. In addition, this engine shall be operated no more than 50 hours per year for testing and maintenance, unless NFPA 25 (current edition) authorizes additional time: If the 50 hour limit is exceeded, the owner/operator is to have the authorizing section of NFPA 25 available for review at all times.

[17 CCR 93115.6(a)(4)(1)(c)]

6. 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).

[40 CFR 60, Subpart IIII, Title 17 CCR 93115, District Rule 1302]

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]