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

B014569

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: AUGUST 2024

OWNER OF OPERATOR (Co.#2842)

Onsyte Imaging
19360 Rinaldi Street #530
Porter Ranch, CA 91326

EQUIPMENT LOCATION (Fac.#4257)

Onsyte Imaging
14075 Hesperia Road
Victorville, CA 923495

Description:
DIESEL IC ENGINE, PORTABLE consisting of: A Certified Tier 3 diesel engine, USEPA family AJDXL13.5900, manufactured in 2014. Exhaust flow approximately 884 acfm, at 768 degrees Fahrenheit through a 7 foot high by 0.33 foot diameter exhaust stack. Facility elevation is 2926 feet above MSL.

One John Deere, Diesel fired internal combustion engine Model No. 4045HF485 and Serial No. PE4045L267552, Direct Injected, Turbo Charged, After Cooled, Smoke Puff Limiter, Electronic Control Module, producing 179 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 8.7 gal/hr. This equipment powers a John Deer Generator Model No. Infracore and Serial No. 4FVGEBCB8FU468135, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.441	gm/bhp-hr
NOx	2.376	gm/bhp-hr
PM10	0.074	gm/bhp-hr
PM2.5	0.073	gm/bhp-hr
SOx	0.0047	gm/bhp-hr
VOC	0.125	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (b) Rating: 179 bhp SIC: 8062 SCC: 20200101 Location/UTM(Km): 472E/3818N

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.

Onsyte Imaging
19360 Rinaldi Street #530
Porter Ranch, CA 91326

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

UNOFFICIAL

1. This certified portable diesel 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 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 1302]

2. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days, excluding time spent at a designated storage site. This generator must be moved to another facility annually for a valid operational reason.
[District Rule 1320; Title 17 CCR 93116.2(a)(29)]

3. This unit shall only be fired on ultra-low sulfur diesel fuel whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements; or alternative diesel fuel, or CARB diesel fuel utilizing fuel additives, that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.
[Title 17 CCR 93116.3(a)]

4. This engine shall not be operated for more than 500 hours in any consecutive twelve month period. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[District Rule 1320, Title 17 CCR 93116.4(b)(2)(A)]

5. The owner/operator shall maintain a 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;
b. Location of each use;
c. Duration of each use (in hours as indicated by the hour timer);
d. Reason for each use;
e. Calendar year operation in terms of fuel consumption (in gallons) or total hours; and,
f. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
[Title 17 CCR 93116]

6. This USEPA Tier 3 certified engine may not be sold, or offered for sale, to an end user in California after 1/1/2029. The sale of engines for resale outside of California is not prohibited.
[Title 17 CCR 93116.3(e)]

7. This unit shall not operate within a 1000 feet of the outer boundary of any K-12 school. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met.
[District Rule 1302(C)(2)(a); H&S Code 42301.6]

8. This engine is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.
[Title 17 CCR 93116]

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.
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]