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

INACTIVE

E012422

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: DECEMBER 2019

OWNER OF OPERATOR (Co.#2251)

Aemerge RedPak Services Southern California, LLC
9600 E Avenue
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac.#3614)

Aemerge RedPak Services Southern California, LLC
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Hesperia, CA 92345

Description:
NATURAL GAS IC ENGINE, EMERGENCY GENERATOR consisting of: A USEPA Certified 4SRB Natural Gas fueled engine manufactured in 2015 by Caterpillar,Inc., model G3406TA. Exhaust flow is 1424 acfm at 1100 degrees Fahrenheit through a 5 inch diameter, 12 foot high exhaust stack.

One Caterpillar, NG fired internal combustion engine Model No. G3406TA and Serial No. TBD, After Cooled, Air-To-Fuel Ratio Controller, Electronic Control Module, Spark-Ignited, Turbo Charged, producing 276 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 2262 scf/hr. This equipment powers a Caterpillar Generator Model No. SR4B and Serial No. TBD, rated at 170kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.00	gm/bhp-hr
NOx	0.50	gm/bhp-hr
PM10	0.01	gm/bhp-hr
SOx	0.022	gm/bhp-hr
VOC	0.15	gm/bhp-hr

CONDITIONS:

1. This certified, stationary, spark-ignited, internal combustion engine and its associated 3-way catalytic converter shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 4953 | SCC: 20200253 | Location/UTM(Km): 473E/3808N

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.

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By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

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.
[40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, subpart 60.4243; District Rule 1302]

2. This unit shall be fired on PUC-Regulated pipeline quality Natural gas fuel only.
[40 CFR 60.4243]

3. 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 1302]

4. 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. In addition, this engine shall be operated no more than 100 hours per year for testing and maintenance.
[40 CFR 60.4243]

5. The o/o shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of two (2) 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);
c. Calendar year operation in terms of fuel consumption (in standard cubic feet) or total hours; and
d. Maintenance and Repair actions on the engine, the catalytic converter, and the Air-to-Fuel Ratio Controller.
[40 CFR 60.4245]

6. The Air-to-Fuel Ratio Controller shall be used in conjunction with the operation of the three-way catalyst, and shall be maintained and operated appropriately to ensure proper operation of the engine and control device to minimize emissions at all times.
[40 CFR 60.4243]

7. This unit 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.
[District Rule 1302]

8. This engine may operate in response to notification of impending involuntary 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 is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.
[District Rule 1302]

9. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.
[District Rule 1302]