



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

E009537

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2023

OWNER OF OPERATOR (Co.#394)

Apple Valley Fire Protection Dist
22400 Headquarters Dr
Apple Valley, CA 92307

EQUIPMENT LOCATION (Fac.#2837)

Apple Valley Fire - Hwy 18
20604 Hwy 18
Apple Valley, CA 92307

Description:

PROPANE IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Manufacture - 1965

One Ford Industrial, Propane fired internal combustion engine Model No. B6PF-6005-A and Serial No. 14392-A9KC, producing 69 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 168.0 scf/hr. This equipment powers a Onan Generator Model No. 30EC SDR8 and Serial No. 75C837291, rated at 30 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	201.76	gm/bhp-hr
NOx	0.93	gm/bhp-hr
PM10	0.175	gm/bhp-hr
SOx	0.012	gm/bhp-hr
VOC	2.32	gm/bhp-hr

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord 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.
[40 CFR Part 63, Subpart ZZZZ]

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 9224

SCC: 20201001

Location/UTM(Km):
480E/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.

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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

2. This ICE shall only be fired on propane (LPG).

[Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

3. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.

[40 CFR \S63.6625(f); Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

4. This unit 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 100 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 100 hour per year limit.

[40 CFR Part 63, Subpart ZZZZ; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

5. The hour limits indicated 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.

[Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

6. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of five (5) 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);
- b. Reason for use (testing & maintenance, emergency, required emission testing); and
- c. Calendar year operation in terms of fuel consumption (in gallons) and total hours.

[40 CFR \S63.6655(f); Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

7. The owner/operator shall conduct inspections in accord with the following schedule. All inspections must occur at least annually regardless of operating hours.

- a) Change oil and filter every 500 hours of operation or annually, whichever comes first; or use an oil change analysis program to extend oil change frequencies per the requirements in 40 CFR 63.6625(i);
- b) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first;
- c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR Part 63.6630(a); Table 2d.5., Subpart ZZZZ]

8. The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6625(h)]

9. This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAPs) . In the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern. [Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]