



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

E000292

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: OCTOBER 2014

OWNER OF OPERATOR (Co.#31)

Southern California Gas Co. - MD
9400 Oakdale Avenue
Chatsworth, CA 91313

EQUIPMENT LOCATION (Fac.#65)

SCG - Newberry Springs
3 Miles So. of I40 on Fort Cady Road
Newberry Springs, CA 92365

Description:

NATURAL GAS IC ENGINE, EMERGENCY GENERATOR (GENERATOR W2) consisting of: Maximum heat input rate is 5.72 MMBTU/hr.

One Waukesha, NG fired internal combustion engine Model No. Model L-5100 GRU and Serial No. RV 117913, producing 465 bhp with 0 cylinders at 900 rpm while consuming a maximum of 5.72 MMBtu/hr. This equipment powers a tbd Generator Model No. tbd and Serial No. tbd, rated at tbd.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.5	lbs/hr
NOx	11.2	lbs/hr
PM10	0.16	lbs/hr
SOx	0.01	lbs/hr
VOC	0.44	lbs/hr

CONDITIONS:

1. This existing, spark-ignited engine, and any associated air pollution control 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 63.6625(e) and 40 CFR 63.6605(b)]

Fee Schedule: 2 (d)

Rating: 5720000 Btu

SIC: 4922

SCC: 20100202

Location/UTM(Km):
537E/3849N

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.

Southern California Gas Co. - MD
PO Box 2300, SC 9314
Chatsworth, CA 91313-2300

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

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this equipment to indicate elapsed engine operating time. [40 CFR 63.6625 (f) and 63.6655(f)]

3. This equipment shall only be fired on natural gas fuel only. [1302 (C)(2)(a)]

4. This equipment shall be limited to use for emergency power, defined as in response to a fire or when electric power from the local utility (or the normal power source, if the facility runs on its own power production), has been interrupted. In addition, this unit shall be operated no more than 100 hours per year for testing and maintenance.
[40 CFR 60.6640(f)(1)(ii)]

5. The owner/operator shall maintain an operations log for this equipment 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/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:

- a. Date of each use and hours of operation with documentation of how many hours are spent for emergency operation, including what classified the operation as emergency, and how many hours are spent for non-emergency operation, including what classified the operation as non-emergency. [40 CFR 63.6650(f)]; and,
- b. Calendar year operation in terms of total hours; and,
- c. Maintenance performed on this equipment, inclusive of the management practice requirements of condition 6 below; and,
- d. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment [40 CFR 63.6655(a)(2)]; and,
- e. Records of all required maintenance performed on the air pollution control and monitoring equipment [40 CFR 63.6655(a)(4)]; and,
- f. Records of actions taken during periods of malfunction to minimize emissions in accordance with condition 1, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation [40 CFR 63.6655(a)(5)].

6. This engine is subject to the requirements of 40 CFR 63, Subpart ZZZZ, and pursuant to this federal regulation, this engine is required to meet the following compliance requirements by October 19, 2013 [63.6595(a)(1)]:

The owner/operator of this equipment shall demonstrate continuous compliance by committing to a maintenance schedule inclusive of the management practice requirements listed below:

- a. Change oil and oil filter every 500 hours of operation or annually, whichever comes first (source has the option to utilize an oil analysis program pursuant to 40 CFR 63.6625(j) in order to extend the specified oil change requirement.);
- b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and,
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
[40 CFR 63.6603(a) and 63.6640(a)]

7. If this emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements required by condition 5, or shutting down the engine would pose an unacceptable risk, the management practice can be delayed until the emergency is over, or the risk has been abated. The management practice should be performed as soon as practicable after the emergency/risk has ended. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable. [40 CFR 63.6603(a)]

8. The owner/operator must 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, after which time the emission standards applicable to all times other than startup apply. [40 CFR 63.6625 (h)]

9. Owner/operator shall not operate these engines without direct coupling to a generator and without the governor functioning properly and maintaining the RPM = 900. These engines shall be BHP restricted to a maximum load of 350 KW. The limit is approximately 465 BHP @ 900 RPM (MACT).