



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

### PERMIT TO OPERATE

E009233

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

**EXPIRES LAST DAY OF: OCTOBER 2025**

#### **OWNER OF OPERATOR (Co. #31)**

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

#### **EQUIPMENT LOCATION (Fac. #942)**

SCG - Needles Office  
1100 Arizona Street  
Needles, CA 92363

#### **Description:**

NATURAL GAS IC ENGINE, EMERGENCY GENERATOR consisting of: Manufactured October 2004; 4SRB, Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Area Source. Facility elevation is 561 feet above sea level.

One General Motors, NG fired internal combustion engine Model No. Vortec 5.7L and Serial No. 5.7L08921P04, producing 96 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 790.0 scf/hr. This equipment powers a Kohler Generator Model No. 4P10 and Serial No. 2017143, rated at 54 kW.

#### **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 63.6625(e), 40 CFR 63.6605]

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 63.6625(e), 40 CFR 63.6605]

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.  
[17 CCR 93115 and 40 CFR 63.6625(f)]

Fee Schedule: 7 (g)      Rating: 1 device      SIC: 4922      SCC: 20100202      Location/UTM(Km): 719E/3856N

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**  
**Brad Poiriez**  
Air Pollution Control Officer

2.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.  
[17 CCR 93115 and 40 CFR 63.6625(f)]

3.This unit shall only be fired on natural gas.  
[District Rules 431 and 1302(C)(2)(a)]

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[District Rules 431 and 1302(C)(2)(a)]

4.Owner/operator shall comply with the following requirements.  
a. Change oil and filter every 500 hours of operation or annually, whichever comes first;  
b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; 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), 40 CFR 63 Subpart ZZZZ, Table 2d]

4.Owner/operator shall comply with the following requirements.  
a. Change oil and filter every 500 hours of operation or annually, whichever comes first;  
b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; 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), 40 CFR 63 Subpart ZZZZ, Table 2d]

5.The owner/operator (o/o) shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of five (5) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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);  
c. Records of maintenance; and  
d. Calendar year operation in terms of fuel consumption (in scf or equivalent) and total hours.  
[District Rule 1302(C)(2)(a), 40 CFR 63.6655(e)]

5.The owner/operator (o/o) shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of five (5) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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);  
c. Records of maintenance; and  
d. Calendar year operation in terms of fuel consumption (in scf or equivalent) and total hours.  
[District Rule 1302(C)(2)(a), 40 CFR 63.6655(e)]

6.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)]

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[40 CFR 63.6625(h)]

7.This unit shall be operated no more than 100 hours per year for maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine.  
[40 CFR 63.6640(f)]

7.This unit shall be operated no more than 100 hours per year for maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine.

[40 CFR 63.6640(f)]

8.This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAPs), and these permit conditions. In the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern.

[District Rule 204]

8.This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAPs), and these permit conditions. In the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern.

[District Rule 204]

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]

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, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]