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

E011203

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: APRIL 2027

OWNER OF OPERATOR (Co.#69)

Southern California Edison
P.O. Box 5085
Rosemead, CA 91770

EQUIPMENT LOCATION (Fac.#3262)

SCE - Big Maria Communication Site
11.5 miles north of Interstate 10
Blythe, CA 92227

Description:
PROPANE IC ENGINE, EMERGENCY GENERATOR consisting of: Installed ~11/2006.

One Ford, Propane fired internal combustion engine Model No. ESG-642 and Serial No. 06RK59657, producing 74 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 191.0 scf/hr. This equipment powers a Cummins Generator Model No. GGFD Spec G and Serial No. J060981089, rated at 35 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	10.1	gm/bhp-hr
NOx	13.9	gm/bhp-hr
PM10	0.07	lbs/hr
SOx	0.6	lbs/hr
VOC	0.6	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (g) | Rating: 74 device | SIC: 4911 | SCC: 20300201 | Location/UTM(Km): 729E/3737N

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 Edison
P.O. Box 5085

Rosemead, CA 91770

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

1. This certified engine and after treatment control device (if any) shall be installed, operated and maintained according to the manufacturer's emission-related written instructions. Furthermore, the owner/operator shall change only those emission-related settings that are permitted by the manufacturer. 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 60.4234]

2. If this engine is equipped with an air-to-fuel ratio controller, it is expected that air-to-fuel ratio controllers will be used with the operation of three-way catalysts/non-selective catalytic reduction. The AFR controller must be maintained and operated appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times.
[40 CFR 60.4243(g)]

3. This unit shall be fired on Commercial Grade Liquefied Petroleum Gas (LPG) fuel only.
[District Rule 1302(C)(2)(a)]

4. 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 60.4243(d)]

5. 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(C)(2)(a)]

6. The owner/operator 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. All notifications and documentation submitted to comply with 40 CFR 60, Subpart JJJJ[40 CFR 60.4245(a)(1)];
b. Any maintenance conducted on the engine including date and nature of repairs [40 CFR 60.4245(a)(2)];
c. Documentation from the manufacturer that this engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable[40 CFR 60.4245(a)(3)]; and
d. Calendar year operation in terms of fuel consumption (in standard cubic feet or gallons) or total hours [District Rule 1302(C)(2)(a)].

7. This engine is subject to 40 CFR 60, Subpart JJJJ - New Source Performance Standard for Stationary Spark Ignition Internal Combustion Engines.

8. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.
[District Rule 1302(C)(2)(a)]