



# 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

E011421

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: MARCH 2027**

### OWNER OF OPERATOR (Co. #1654)

New Cingular Wireless PCS, LLC  
311 S. Akard Street, 12th Floor  
Dallas, TX 75202

### EQUIPMENT LOCATION (Fac. #3254)

New Cingular Wireless - Copper Mountain (LAC264)  
Copper Mountain Peak - 1.7 miles W of intersection  
Joshua Tree, CA 92252

#### **Description:**

PROPANE IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Manufacture 2012: USEPA Engine Family CGNXB06.82L4, equipped with an integral Non-Selective Catalytic Reduction APCD; GENERAC; Model 0D5027A.

One Ford, LPG fired internal combustion engine Model No. 6.8GLPNGD-80 and Serial No. E172A161112321399, Air-To-Fuel Ratio Controller, producing 125.11 bhp with 10 cylinders at 1800 rpm while consuming a maximum of 11.6 gal/hr. This equipment powers a GENERAC Generator Model No. SG080 and Serial No. 2117872, rated at 80 kW(e).

#### **EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	2.0	gm/bhp-hr
NOx	1.5	gm/bhp-hr
PM10	0.2	gm/bhp-hr
PM2.5	0.20	gm/bhp-hr
SOx	0.0434	gm/bhp-hr
VOC	1.5	gm/bhp-hr

#### **CONDITIONS:**

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4813

SCC: 20201001

Location/UTM(Km):  
565E/3778N

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.

New Cingular Wireless PCS, LLC  
ATTN: EH&S  
  
Dallas, TX 75202

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

1. This engine, certified in accordance with 40 CFR Part 1048, and its associated NSCR emission control device shall be installed, operated and maintained according to the manufacturer's emission-related written instructions. Further, 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 60.4231(c), 60.4233(c), 60.4234, and 60.4243(a)(2)(ii)]

2. 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)]

3. This unit shall only be fired on commercial grade LPG/propane fuel.

[District Rule 1302(C)(2)(a)]

4. This equipment 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.

[40 CFR 60.4243]

5. The owner/operator shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of three (3) 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 gallons) for both fuel types (natural gas and propane) or total hours; and,

d. Maintenance and repair actions, including date and description.

[40 CFR 60.4243(a)(1) and 60.4245(a)(2)]

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

[40 CFR 60, Subpart JJJJ; District Rule 1302]

7. 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]