



**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**

E011420

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.#3253)**

New Cingular Wireless - Apple Valley (LAC540)  
21805 Santa Rosa Rd.  
Apple Valley, CA 92308

**Description:**

PROPANE/LPG IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Manufacture 2011: USEPA Family Name CGNXB06.82L4; equipped with an integral Non-Selective Catalytic Reduction APCD; Generac; Model 0D5027A.

One Generac, LPG fired internal combustion engine Model No. 6.8GLPNGD-80 and Serial No. E172A211113250219, Air-To-Fuel Ratio Controller, Spark-Ignited, producing 125.11 bhp with 10 cylinders at 2300 rpm while consuming a maximum of 11.6 gal/hr. This equipment powers a Generac Generator Model No. SG080/13731380100 and Serial No. 2113467, 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
SOx	0.0435	gm/bhp-hr
VOC	1.5	gm/bhp-hr

**CONDITIONS:**

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4813

SCC: 20201001

Location/UTM(Km):  
482E/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.

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

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

1. This certified, stationary, spark-ignited, internal combustion engine and control device 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 60.4243(a)(1)]

2. This unit shall only be fired on propane/LPG or natural gas fuels.

[District Rule 204]

3. 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)]

4. 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 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. Calendar year operation in terms of fuel consumption (in standard cubic feet or gallons) or total hours; and,

d. Records of all maintenance and repair actions performed.

[40 CFR 60.4245]

5. 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 maintenance and testing limit.

[40 CFR 60.4243(d)]

6. This equipment shall comply with the NSPS requirements of 40 CFR 60, Subpart JJJJ. In the event of conflict between these permit conditions and the NSPS, the more stringent requirements shall govern.

[40 CFR 60, Subpart JJJJ]

7. Engine may operate in response to notification of impending involuntary rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.

[17 CCR 93115.6(b)]

8. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.

[40 CFR 60.4243(d)]

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]