



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

E012243

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: FEBRUARY 2026

OWNER OF OPERATOR (Co. #1654)

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

EQUIPMENT LOCATION (Fac. #3558)

New Cingular Wireless - Fort Irwin (CLU4012)
5 Miles South of Fort Irwin
Fort Irwin, CA 92310

Description:

LPG IC ENGINE, EMERGENCY GENERATOR consisting of: An existing LPG fueled spark-ignited ICE manufactured in 2001 with a NETT Technologies model T102W-2.5, serial number T3-0197 Three Way Catalytic Converter exhaust after-treatment device installed. Exhaust flow is 350 ACFM at 780 degrees Fahrenheit:

One Generac / Ford, LPG fired internal combustion engine Model No. 0G622XA and Serial No. 011116227, Three-Way Catalyst (also NSCR), Four-Stroke Rich Burn, Air-To-Fuel Ratio Controller, Spark-Ignited, producing 70 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 6.3 gal/hr. This equipment powers a Generac Generator Model No. QT045 and Serial No. TBD, rated at 45 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.48	gm/bhp-hr
NOx	0.26	gm/bhp-hr
PM10	0.023	gm/bhp-hr
SOx	0.0434	gm/bhp-hr
VOC	0.77	gm/bhp-hr

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise

Fee Schedule: 7 (g) Rating: 1 device SIC: 4813 SCC: 20201001 Location/UTM(Km): 528E/3902N

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**
Brad Poiriez
Air Pollution Control Officer

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[40 CFR 63.6640(f); Rule 1302]

2.A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Rules 204 and 1302]

3.This unit shall be limited to emergency use only, 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 used for source testing will not be counted toward the 100 hour per year limit.
[40 CFR 63.6640(f); 40 CFR 63.6675, Rule 204]

4.The owner/operator shall maintain an operations log for this engine 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 per hour meter);
- b. Reason for use (testing & maintenance, emergency, emissions / source testing);
- c. Repairs performed on the engine, three way catalytic converter, and air-fuel ratio controller; and
- d. Calendar year operation in terms of fuel consumption (in standard cubic feet) or total hours.

[Rules 204 and 1302]

5.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.

[Rule 204]

6.This engine is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAP). In the event of a conflict between these conditions and the NESHAP, the more stringent requirements shall govern.

[40 CFR 63.6585; 40 CFR 63.6640(f); Rule 204]

7.This engine may operate in response to notification of impending 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.

[Rule 1302]

8.The associated three way catalytic converter and air-fuel ratio controller must be functioning properly whenever this engine is running.

[Rule 1302]

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]