



## 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

E008221

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. #1654)

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

#### EQUIPMENT LOCATION (Fac. #2434)

New Cingular Wireless - Bagdad Chase Rd  
26785 Bagdad Chase Rd  
Ludlow, CA 92338

#### Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR (USID 15062/10086475) consisting of: A certified Tier 1 Diesel engine, USEPA Family 1CEXL0359AAA, manufactured in 2001 with no exhaust after-treatment devices installed. Exhaust flow is approximately 1050 ACFM at 888 degrees Fahrenheit through a 4 inch diameter x 8 foot tall stack.

One Cummins, Diesel fired internal combustion engine Model No. 6BT 5.9-G6 and Serial No. 46103357, After Cooled, Direct Injected, Turbo Charged, producing 170 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 8.0 gal/hr. This equipment powers a Cummins Generator Model No. DGDB-4958765 and Serial No. E010236558, rated at 100 kW(e).

#### EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.03	gm/bhp-hr
NOx	4.25	gm/bhp-hr
PM10	1.0	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	1.14	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: 20100102

Location/UTM(Km): 577E/3841N

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.  
[District Rules 204 and 1303]

2.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.

[17 CCR 93115.6(b)]

3.This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:

a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,

b. A cetane index or aromatic content, as follows:

1. A minimum cetane index of 40; or,

2. A maximum aromatic content of 35 volume percent.

[17 CCR 93115.5(a) and 40 CFR 80.510(b)]

Note: Use of CARB certified ULSD fuel satisfies these requirements.

4.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

[Title 17 CCR 93115.10(d)]

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 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.

[17 CCR 93115.6(b)]

6.The owner/operator 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 two (2) 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. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,

d. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[17 CCR 93115.10(f)]

7.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.

[Title 17 CCR 93115, District Rule 204]

8.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]