



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

B012625

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. #2346)

New Cingular Wireless - Pole Line Dr
16433 Pole Line Drive
Havasupai Lake, CA 92363

Description:

DIESEL MICROTURBINE, GENERATOR consisting of: An 842,000 Btu/hour diesel fueled microturbine manufactured in 2016 by Capstone with an exhaust flow rate of 1669 ACFM at 588 degrees Fahrenheit:

One Capstone, Diesel fired internal combustion engine Model No. C65 and Serial No. 500282, producing bhp with cylinders at rpm while consuming a maximum of 6.1 gal/hr. This equipment powers a Capstone Generator Model No. 65R-DD4-B000 and Serial No. 9307, rated at 65 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.06	lbs/MMBtu
NOx	0.41	lbs/MMBtu
PM10	0.01	lbs/MMBtu
SOx	0.002	lbs/MMBtu
VOC	0.13	lbs/MMBtu

CONDITIONS:

1. This certified stationary microturbine and its associated emission control systems 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 air contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and

Fee Schedule: 2 (b)

Rating: 842000 Btu

SIC: 4813

SCC: 20100101

Location/UTM(Km): 760E/3800N

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

specifications submitted with the application for this permit.
[MDAQMD Rule 1302]

2.This microturbine shall not be operated unless all emission control systems are properly functioning. Furthermore, no changes shall be made to any emission control system unless done so by a factory certified technician.
[MDAQMD Rule 1302]

3.This equipment shall only be fired on diesel fuel that meets the following requirements:
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.
[MDAQMD Rules 204 and 431]

Note: Use of CARB certified ULSD fuel satisfies the above requirements. Use of Kerosene, JP-4, JP-5, and JP-8 are not authorized for use in this microturbine.

4.The owner/operator shall maintain an operations log for this microturbine 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 maintenance action or repair;
b. Description of each maintenance action or repair;
c. Fuel sulfur concentration as required by condition #3 (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
d. Results of any source testing conducted on the engine.
[MDAQMD Rule 1302]

5.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]