



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B014599

Inactive type Permit has no description information.

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, AZ 86426

Description:

DIESEL IC ENGINE, GENERATOR consisting of: A Certified Tier 4 Final diesel engine, USEPA family KSZXL03.0RXB manufactured in 2019. Exhaust flow approximately 272 acfm, at 572 degrees Fahrenheit through a 6 feet high by 0.33 feet diameter exhaust stack. Note: Even though this engine is mounted on a trailer, this engine can't operate in any other place beside this facility address. Equipment is located at an elevation of 1757 feet above MSL.

Onelsuzu, Diesel fired internal combustion engine Model No. BR-4JJ1X and Serial No. 4JJ1-285913, After Cooled, Turbo Charged, Electronic Control Module, Direct Injected, producing 95.2 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 4.4 gal/hr. This equipment powers alsuzu Generator Model No. TBD and Serial No. TBD, rated at 56 KW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.221	gm/bhp-hr
NOx	0.118	gm/bhp-hr
PM10	0.00735	gm/bhp-hr
PM2.5	0.00728	gm/bhp-hr
SOx	0.0044	gm/bhp-hr
VOC	0.0294	gm/bhp-hr

CONDITIONS:

1. This certified Tier 4 final stationary compression-ignited internal combustion engine and its associated control device (SCR, Ammonia Oxidation Catalyst) 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

Fee Schedule: 1 (b) Rating: 95.2 bhp 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

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 1302; 40 CFR 60.4211(a)]

2.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)]

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); 40 CFR 80.510(b)]

Note: Use of CARB certified ULSD fuel satisfies the above requirements.

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 following information:

- a. Records of all inspection, maintenance and/or repair actions performed on the engine or associated air pollution control equipment, including date and description;
- b. 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,
- c. Results of any source testing conducted on the engine;
- d. Calendar year operating hours as determined by the installed hour meter (to assist in CEI reporting).

[District Rules 1302 and 1320; 17 CCR 93115.10(f)]

5.The owner or operator of this Internal Combustion Engine shall Conduct inspections, whichever is the more frequent of, at least once every calendar quarter; or, after every 2,000 hours of engine operation. An inspection includes any testing, maintenance, and/or other procedures that ensure this Internal Combustion engine is operated in strict accordance with the manufacturer's specifications and in continual compliance with the provisions of this rule.

[District Rule 1160 (E)(1)(a)]

6.This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.

[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]