



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B010405

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: OCTOBER 2013**

**OWNER OF OPERATOR (Co.#1654)**

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

**EQUIPMENT LOCATION (Fac.#2926)**

AT&T - Havasu Landing II  
1469 Havasu Lake Rd  
Needles, CA 92363

**Description:**

DIESEL IC ENGINE, PRIME ELECTRICAL GENERATOR #2 consisting of: Year of Mfg 2008, Certified Tier III Engine, CARB Engine Family, 8JDXL03.0113, Certification EO #, U-R-004-0331, equipped with a CleanAIR Particulate Trap, Model PERMIT Filter.

One John Deere, Diesel fired internal combustion engine Model No. 4024HF285B and Serial No. TBD, Direct Injected, Turbo Charged, After Cooled, producing 80 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 4.0 gal/hr. This equipment powers a Kotolight Generator Model No. TBD and Serial No. TBD, rated at 50Kw.

**EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	0.37	gm/bhp-hr
NOx	3.42	gm/bhp-hr
PM10	0.01	gm/bhp-hr
SOx	0.002	gm/bhp-hr
VOC	0.01	gm/bhp-hr

**CONDITIONS:**

1. This certified, stationary, compression-ignited, internal combustion engine and control devices shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer 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.

Fee Schedule: 1 (b)

Rating: 80 bhp

SIC: 4813

SCC: 20100102

Location/UTM(Km):  
729E/3817N

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

[40 CFR 60.4211(a) - Subpart IIII - NSPS for Stationary Compression Ignition ICE]

2. This engine shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.

[40 CFR 60, Subpart IIII - NSPS for Stationary Compression Ignition ICE and 40 CFR 80.510, Standards and Marker Requirements for NRLM diesel fuel]

[17 CCR 93115.5(a)]

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

[40 CFR 60.4209 (a), Subpart IIII - NSPS for Stationary Compression Ignition ICE]

4. The Diesel Particulate Matter emission from this diesel engine must be equal to or less than 0.01 grams per brake horsepower-hour.

[17 CCR 93115.7(b)]

5. The hydrocarbon (HC), oxides of nitrogen (NO<sub>x</sub>), non-methane hydrocarbons plus NO<sub>x</sub> (NMHC+NO<sub>x</sub>) and carbon monoxide (CO) emissions from this engine must comply with the Emission Standards for New Stationary Prime Diesel-Fueled CI Engines pursuant to 17 CCR \S93115.7(a), ATCM for Stationary Compression Engines.

6. This engine demonstrates compliance with the emission standards of conditions 5 and 6 through CARB engine and diesel particulate filter certifications, as supplied with the application.

[17 CCR \S93115.13(a), ATCM for Stationary Compression Engines]

7. The owner/operator shall maintain an operations log for this equipment current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:

a. Monthly and calendar year operation in terms of total hours [17 CCR 93115.10(e)]; and,

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

c. Maintenance performed on this equipment; and,

d. Records of any corrective action taken after the diesel particulate filter backpressure monitor has notified the owner/operator that the high backpressure limit of the engine is approached [40 CFR 60.4214(c)]

8. This diesel engine is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115) and 40 CFR 60, Subpart IIII – NSPS for Stationary Compression Ignition ICE.

9. This facility shall not emit more than 14.9 tons per year of PM<sub>10</sub>, nor 24.9 tons per year of NO<sub>x</sub>.

[District Rule 1303 - NSR Requirements]

10. Total emissions of Federal Hazardous Air Pollutants or HAPs (as listed in Section 112(b) of the Federal Clean Air Act, see <http://www.epa.gov/ttn/atw/orig189.html>) from this facility shall not exceed 9.9 tons per year for any single HAP and 24.9 tons per year for any combination of HAPs. Compliance with this condition is to be verified by the Comprehensive Emissions Inventory Report.

[District Rule 1320 - NSR for TACs]

11. This facility must submit facility-wide, accurate annual comprehensive emissions inventory data to the District, in a format approved by the District, within 45 days upon request.