



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B009354

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2010

OWNER OF OPERATOR (Co.#1021)

SBCo Solid Waste Management
222 West Hospitality Lane, 2nd Floor
San Bernardino, CA 92415-0017

EQUIPMENT LOCATION (Fac.#2576)

SBCo Solid Waste Mngt - Burnt Flats
NW 1/4 Sec 28 T3N, R3W
Hesperia, CA 92345

Description:

DIESEL IC ENGINE, PUMP consisting of: Yr of Mfg tbd

One Onan/Cummings, Diesel fired internal combustion engine Model No. 35DGBB and Serial No. G960610286, producing 63 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 3.0 gal/hr. This equipment powers a Pump Model No. and Serial No. , rated at .

CONDITIONS:

1. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.
2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. (17 CCR \S93115(e)(4)(G)1.)
3. The o/o shall maintain a operations log for this unit 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);
 - b. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
 - c. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

Fee Schedule: 1 (b)

Rating: 63 bhp

SIC: 9511

SCC: 20300101

Location/UTM(Km):
515E/3838N

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.

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San Bernardino, CA 92415

By: **COPY**
Brad Poiriez
Executive Director

4. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles, 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.

5. The Diesel Particulate Matter emission from the ICE on this genset must comply with one of the three following options by the appropriate compliance date in either condition 12 or 13:

Option 1. 85% reduction in emissions from baseline levels. (17 CCR \S93115(e)(1)(D)1.a.).

Option 2. 01 g/bhp hr (17 CCR \S93115(e)(1)(D)1.b.).

Option 3. 30% reduction in emissions from baseline levels by 1/1/2006 and .01 g/bhp hr by 7/1/2011 (17 CCR \S93115(e)(1)(D)1.c.)

6. Install backpressure monitor if engine is equipped with diesel PM filter (17 CCR \S93115(e)(4)(G)2.).

7. The hydrocarbon (HC), oxides of nitrogen (NOx), non-methane hydrocarbons plus NOx (NMHC+NOx) and carbon monoxide (CO) emissions from the ICE on this genset must comply with one of the three following options by the appropriate compliance date in either condition 12 or 13:

Option 1. Use verified emission control strategy (17 CCR \S93115(e)(1)(D)2. and see 13 CCR \S2700-2710 for procedure).

Option 2. Emissions standards for off-road engines of the same model year and rated power as specified in 13 CCR \S2423 or "Tier 1" standards if no such standards exist (17 CCR \S93115(e)(2)(D)2.a.).

Option 3. No more than 10% increase in HC or NOx from baseline or no increase in NMHC+NOx from baseline AND no more than 10% increase in CO from baseline (17 CCR \S93115(e)(2)(D)2.a.).

8. The owner/operate must submit the required control strategy to District for compliance with emissions limitations 6 months prior to the appropriate compliance date(s) in either condition 12 or 13. (17 CCR \S93115(e)(4)(A)4.)

9. The owner/operate must submit the required emissions data to District prior to appropriate compliance date(s) in either condition 12 or 13 for engine. (17 CCR \S93115(e)(4)(D))

10. The owner/operate must notify District if any exemption is lost. (17 CCR \S93115(e)(4)(F))

11. For Owner/Operators with 3 or fewer diesel fueled ICEs within the District must comply with applicable requirements by the following dates:

Pre 1989 through 1989 model year engines comply by 1/1/2006 (17 CCR (f)(2)(A)).

1990 through 1995 model year comply by 1/1/2007 (17 CCR \S93115(f)(2)(B)).

1996 through 2004 model year comply by 1/1/2008 (17 CCR \S93115(f)(2)(C)).

[Note: 2005 engines are considered "new" (17 CCR \S193115(g)(2)).]

12. For Owner/Operators with 4 or more diesel fueled ICEs within the District must comply with applicable requirements with the following percentage of engines by the following dates:

Pre 1989 through 1989 model year engines:

50% of engines comply by 1/1/2007

70% of engines comply by 1/1/2008

100% of engines comply by 1/1/2009

1990 through 1995 model year engines:

30% of engines comply by 1/1/2007

60% of engines comply by 1/1/2008

100% of engines comply by 1/1/2009

1996 through 2004 model year engines:

50% of engines comply by 1/1/2008

100% of engines comply by 1/1/2009

[Note: 2005 engines are considered "new" (17 CCR \S193115(g)(2)).]

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