



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

B007990

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: JANUARY 2011**

### **OWNER OF OPERATOR (Co. #1889)**

Arakelian Enterprises Inc.  
P.O. Box 91918  
City of Industry, CA 91715-1918

### **EQUIPMENT LOCATION (Fac. #2267)**

Victor Valley Regional Composting Facility  
20055 Shay Road  
Victorville, CA 92394

#### **Description:**

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: Powers green waste system under District permit B007989, Year of Mfg 1996

One John Deere, Diesel fired internal combustion engine Model No. 404ST and Serial No. tbd, After Cooled, Direct Injected, Ignition Retarded, Turbo Charged, producing 115 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 5.0 gal/hr. This equipment powers a Generator Model No. and Serial No., rated at.

#### **CONDITIONS:**

1. 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.
2. This diesel Ignition Compression Engine (ICE) and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.) [Title 13 CCR 93116.2(b)]
3. This unit shall only be fired on diesel fuel whose sulfur concentration is less than or equal to 0.0015% or 15 ppm per CARB Diesel or equivalent requirements; or alternative diesel fuel or CARB diesel fuel utilizing fuel additives that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines. [Title 13 CCR 93116.3(a)]

Fee Schedule: 1 (b)

Rating: 115 bhp

SIC: 2875

SCC: 20100102

Location/UTM(Km): 473E/3820N

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.

Arakelian Enterprises Inc.  
Attn: Environmental Compliance Dept  
  
City of Industry, CA 91715-1918

By: **COPY**  
**Brad Poiriez**  
Air Pollution Control Officer

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 13 CCR 93116.4(c)(2)(A)]

5.Prior to January 1, 2010\*, this portable diesel-fueled engine (unit), or its replacement engine, shall be certified to meet a federal of California standard for newly manufactured nonroad engines pursuant to 40 CFR Part 89 or Title 13 CCR Section 2423 (that is, certified to Tier 1, 2, or 3 nonroad engine standards); unless, this unit is used exclusively for emergency applications or qualifies as a low-use engine (operates 80 hours or less per calendar year) and the owner/operator commits to replacing this engine with a Tier 4 engine (Tier 4 engines are phased in for engines manufactured beginning in 2011). [Title 17 CCR Section 93116.3(b)(1)]

\*This engine may continue to operate until January 1, 2011 in lieu of the Title 17 CCR 93116 requirements for replacement with a certified engine pending approval of recent amendments to Title 17 CCR 93116. If for any reasons the proposed new exemption is not approved a facility will have 90 days after the adoption procedures are stopped to come into compliance with the provisions of the ATCM.

6.The owner/operator shall maintain a operations log for this unit, which is 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 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).

7.The owner/operator of this unit must submit a Status Report for the entire fleet\* by March 1, 2011. This Status Report should include, but is not limited to, the following (for details, see Title 13 CCR 93116.4(e)(1):

- a. The fleet's weighted average PM emission rate for the 2010 calendar year,
- b. Inventory of portable engines in the fleet,
- c. Identify, if applicable, each portable diesel-fueled engine that the owner/operator commits to replacing with a Tier 4 engine,
- d. Listing of portable diesel-fueled engines, if applicable, used exclusively in emergency applications,
- e. Listing of portable diesel-fueled engines, if applicable, satisfying the low-use engine requirements,
- f. Listing of portable alternative-fueled engines, if applicable, added to the fleet prior to January 1, 2009, pursuant to section 93116.3(d)(2)(B)(2), and
- g. Listing of portable diesel-fueled engines(s) equipped with Selective Catalytic Reduction (SCR) system(s).

\*Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

8.The fleet\* under control of this owner/operator is subject to, and shall comply with, the weighted Diesel Particulate Matter (DPM) emission fleet averages \*\* expressed as grams per brake horsepower-hour (g/bhp-hr) of Title 17 CCR Section 93116.3(c)&(d) by the following dates:

- 0.30 g/bhp-hr comply by January 1, 2013
- 0.18 g/bhp-hr comply by January 1, 2017
- 0.04 g/bhp-hr comply by January 1, 2020

\*Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

\*\*The method used to calculate the Fleet Average is found in Title 13 CCR 93116.3(d).

9.The owner/operator of this unit must submit a 'Statement of Compliance' signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr), and other required information, see Title 13 CCR 93116.4(e)(2), (3), (4), (5), (6), and (7) for the following compliance statement submittal dates:

- Weighted DPM Emission Fleet Average Date of January 1, 2013, submit by March 1, 2013.
- Weighted DPM Emission Fleet Average Date of January 1, 2017, submit by March 1, 2017.
- Weighted DPM Emission Fleet Average Date of January 1, 2020, submit by March 1, 2020.

10.The owner/operator of fleets that are exempted from the requirements of Section 93116.4 pursuant to Section 93116.4(a), the Responsible Official shall certify that all portable diesel-fueled engines in the fleet satisfy the requirements of Section 93116.4(a) (see Title 13 CCR 93116.4(f) for details).

11.The owner/operator and/or Responsible Official of a fleet electing to use electrification in determining the fleet average shall submit the report required by Title 13 CCR 93116.4(c)(3) by January 1, 2012.

12.This diesel fired ICE is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 13 CCR 93116). In the event of conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.