



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

**E011689**

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: NOVEMBER 2018**

### **OWNER OF OPERATOR (Co. #453)**

Victor Valley Wastewater Reclamation Authority  
20111 Shay Road  
Victorville, CA 92394

### **EQUIPMENT LOCATION (Fac. #3407)**

VVWRA - Apple Valley Plant  
21060 Otoe Road  
Apple Valley, CA 92307

#### **Description:**

NATURAL GAS IC ENGINE, EMERGENCY GENERATOR consisting of: Year of Mfg. TBD, US EPA Engine Family Name TBD,

One TBD, NG fired internal combustion engine Model No. TBD and Serial No. TBD, After Cooled, Direct Injected, producing 1250 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 12.0 scf/hr. This equipment powers a TBD Generator Model No. TBD and Serial No. TBD, rated at kW.

#### **EMISSIONS RATES**

| Emission Type | Est. Max Load | Unit      |
|---------------|---------------|-----------|
| CO            | 0.6           | gm/bhp-hr |
| NOx           | 8.6           | gm/bhp-hr |
| PM10          | 38.4          | other     |
| SOx           | 0.588         | other     |
| VOC           | 0.4           | gm/bhp-hr |

#### **CONDITIONS:**

1. This certified stationary IC engine and after treatment control device (if any) shall be installed, operated and maintained according to the manufacturer's emission-related written instructions. Further, the owner/operator shall change only those emission-related settings that are permitted by the manufacturer. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [40 CFR Part 60 Subparts 60.4231(c), 60.4233(c), 60.4236(c), (d), and 60.4237]

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4952

SCC: 20100202

Location/UTM(Km): 482E/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.

Victor Valley Wastewater Reclamation  
Authority  
P.O. Box 370  
Adelanto, CA 92301

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

2.This engine shall comply with all applicable requirements of 40 CFR Part 60, Subpart JJJJ- New Source Performance Standard for Stationary Spark Ignited Engines.

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 60.4245(b)]

4.This unit shall be limited to use for emergency power, defined as in response to a fire or flood, or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 100 hours per year for testing and maintenance. [40 CFR 60.4248]

5.This engine shall be fired only on Natural Gas. [The sole use of NG ensures compliance with District Rule 431]

6.This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier. [Subpart 60.424317(d)]

7.This engine must comply with the following emission limitations, verified by manufacturer emission data and/or US EPA Certificate of Conformity;

NOx: 2.0 g/bhp-hr

CO: 4.0 g/bhp-hr

VOC 1.0 g/bhp-hr

[40 CFR Part 60 Subpart JJJJ, Table 1, District Rule 1302 (C)(2)(a), Rule 1303 BACT]

8.Owner/operator shall maintain the following records;

a. Conducted maintenance [40 CFR 60.4243(a)(1);

b. Date of each use and duration of each use (in hours); and

c. Reason for use (testing & maintenance, emergency, required emission testing, etc.).