



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

**B014215**

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: JUNE 2022**

### **OWNER OF OPERATOR (Co.#2705)**

American Power, LLC  
7931 E. Pecos Road, Suite 211  
Mesa, AZ 85212

### **EQUIPMENT LOCATION (Fac.#4124)**

American Power, LLC  
Various Locations  
MDAQMD, CA 92392

#### **Description:**

DIESEL IC ENGINE, PORTABLE, V-GROOVE PULLER consisting of: USEPA engine family KJDXL04.5316, Tier 4F, CARB Executive Order U-R-004-0573. Stack Data: H: 10 ft Diam: 0.4 ft Temp: 918 F Vel.: 10748 ft/min

One John Deere, Diesel fired internal combustion engine Model No. 4045HFC06 and Serial No. PE4045U090510, Turbo Charged, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Diesel Oxidation Catalyst, Selective Catalytic Reduction, Selective Catalytic Reduction, Inter Cooled, producing 173 bhp with 4 cylinders at 2400 rpm while consuming a maximum of 9.5 gal/hr. This equipment powers a Wagner Smith Other Model No. T-VBWPT-340-72 and Serial No. 1W92B261XKA161146, rated at TBD.

#### **EMISSIONS RATES**

| Emission Type | Est. Max Load | Unit     |
|---------------|---------------|----------|
| CO            | 0.02          | gm/Kw-hr |
| NOx           | 0.20          | gm/Kw-hr |
| PM10          | 0.01          | gm/Kw-hr |
| SOx           | 0.007         | gm/Kw-hr |
| VOC           | 0.01          | gm/Kw-hr |

#### **CONDITIONS:**

1. This equipment 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 contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 1302]

Fee Schedule: 1 (b)      Rating: 173 bhp      SIC: 1623      SCC: 20200102      Location/UTM(Km): 635E/3902N

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

- 2.This diesel 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 for a valid business purpose annually.  
[District Rules 1302, 1303, and 1320; Title 17 CCR 93116.2(a)(29)]
- 3.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) 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 17 CCR 93116.3(a)]
- 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 17 CCR 93116.4(c)(2)(A)]
- 5.The owner/operator shall maintain a operations log for this unit 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;
  - b. Location of each use (decimal degrees, xx.xxxxx;-yyy.yyyyy);
  - c. Duration of each use (in hours as indicated by the hour timer);
  - d. Daily, weekly, monthly and calendar year operation in terms of total hours;
  - e. Fuel sulfur concentration (the owner/operator may use the fuel supplier's certification of sulfur content if it is maintained as part of this log); and,
  - f. Copies of all notifications sent to the District pursuant to condition 6.
- [Title 17 CCR 93116.4(c)]
- 6.The owner/operator shall notify the District at least ten (10) days prior to operation of this equipment within the District. Notification must be sent electronically to [engineering@mdaqmd.ca.gov](mailto:engineering@mdaqmd.ca.gov). The notification must include:
- a. The permit number.
  - b. The location/address where the equipment will be operated and description of the project.
  - c. The contact information of the owner/operator of the equipment.
- [District Rule 204]
- 7.This engine is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.  
[Title 17 CCR 93116]
- 8.This engine may be relocated throughout the District; however, this engine cannot be operated within 1000 feet of any K-12 grade school of more than 12 students for more than 30 consecutive days.  
[H&S Code 42705.5(a)(5)]
- 9.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]