



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B003881

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: SEPTEMBER 2016

OWNER OF OPERATOR (Co.#703)

Liberty Utilities, Apple Valley
21760 Ottawa Road
Apple Valley, CA 92307

EQUIPMENT LOCATION (Fac.#1392)

Liberty AV - Well # 4
21760 Ottawa Road
Apple Valley, CA 92308

Description:

NATURAL GAS IC ENGINE, PUMP consisting of: An engine with an unknown year of manufacturer installed in 1968.

One Waukesha, NG fired internal combustion engine Model No. L3711 and Serial No. 48092, Four-Stroke Rich Burn, producing 380 bhp with 12 cylinders at 900 rpm while consuming a maximum of 3.0 scf/hr. This equipment powers a Peerless Pump Model No. DWT and Serial No. 251525, rated at 1,200 gallons per minute.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	18.0	gm/bhp-hr
NOx	15.5	gm/bhp-hr
VOC	1.2	gm/bhp-hr

CONDITIONS:

1. This existing, spark-ignited engine, and any associated air pollution control equipment, shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier, 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.

[40 CFR 63.6605 (b) and 40 CFR 63.6625(e)]

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

[District Rule 1302(C)(2)(a)]

Fee Schedule: 1 (c)

Rating: 380 bhp

SIC: 4941

SCC: 20200202

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.

Liberty Utilities, Apple Valley
Attn: Accounts Payable

Litchfield Park, AZ 85340

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

3.This unit shall only be fired on natural gas fuel only.
[District Rule 1302(C)(2)(a)]

4.The owner/operator must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup apply.
[40 CFR 63.6625(h)]

5.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 usage and annual operation in terms of fuel consumption (in gallons) and total hours; and
 - b. Maintenance performed on this equipment, inclusive of the management practice requirements of condition 6.
- [40 CFR 63.6655(a)(4)]

6.This engine is subject to the requirements of 40 CFR 63, Subpart ZZZZ, and pursuant to this federal regulation, this engine is required to meet the following compliance requirements by October 19, 2013:

The owner/operator of this equipment shall demonstrate continuous compliance by committing to a maintenance schedule inclusive of the management practice requirements listed below:

- a. Change oil and oil filter every 1,440 hours of operation or annually, whichever comes first (owner/operator has the option to utilize an oil analysis program pursuant to 40 CFR 63.6625(j) in order to extend the specified oil change requirement.);
 - b. Inspect air cleaner every 1,440 hours of operation or annually, whichever comes first; and,
 - c. Inspect all hoses and belts every 1,440 hours of operation or annually, whichever comes first, and replace as necessary.
- [40 CFR 63.6603(a) and 63.6640(a)]

7.This engine is subject to the requirements 40 CFR 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.
[40 CFR 63.6585]

8.The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.
[District Rule 1302(C)(2)(a)]