



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B012488

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2016

OWNER OF OPERATOR (Co.#2240)

Kramer Junction Mining
41100 Highway 395
Boron, CA 93516

EQUIPMENT LOCATION (Fac.#3602)

Kramer Junction Mining
41100 Highway 395
Boron, CA 93516

Description:

SPARK-IGNITED (SI) Propane Fueled IC ENGINE consisting of: Date of Manufacture; 11/2003; 4SRB; Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ and is Located at a HAP Area Source

One KOHLER, Propane fired internal combustion engine Model No. GM 300ci and Serial No. TBD, producing 100 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 10.4 gal/hr. This equipment powers a KOHLER Generator Model No. 3ORZG and Serial No. 0774481, rated at 30kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.72	lbs/MMBtu
GHG	110.0	lbs/MMBtu
NOx	2.210	lbs/MMBtu
PM10	0.0095	lbs/MMBtu
SOx	0.001	lbs/MMBtu
VOC	0.0296	lbs/MMBtu

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. [40 CFR Part

Fee Schedule: 1 (b)

Rating: 100 bhp

SIC: 1499

SCC: 20200202

Location/UTM(Km):
450E/3874N

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.

Kramer Junction Mining
7009 Alamosa Way
Las Vegas, NV 89128

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

63.6625(e)(8)]

2. This unit shall only be fired on Propane or Natural Gas fuel. [Rule 204]

3. This engine is located at an Area HAP Source and subject to the applicable requirements of 40 CFR 63, Subpart ZZZZ, and pursuant to this federal regulation, this engine is required to meet the following compliance requirements:

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 (source has the option to utilize an oil analysis program pursuant to 40 CFR 63.6625(i) in order to extend the specified oil change requirement.);
 - b. Inspect spark plugs every 1,440 hours of operation or annually, whichever comes first; and replace as necessary; and
 - c. Inspect all hoses and belts every 1,440 hours of operation or annually, whichever comes first, and replace as necessary.
- [Table 2 d to Subpart ZZZZ of Part 63]

4. 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 [40 CFR 63.6660], 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. Dates of operation; and
- b. Hours of operation; and
- b. Maintenance performed on this equipment, inclusive of the management practice requirements of condition 5 below [40 CFR 63.6655(a)(4)] ; and,
- c. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment [40 CFR 63.6655(a)(2)]; and,
- d. Records of actions taken during periods of malfunction to minimize emissions in accordance with condition 1, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation [40 CFR 63.6655(a)(5); Rule 204]

5. 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)]

6. This Engine shall not operate more than 11 hours per day (defined as a consecutive 24 hour period) and shall not operate more than 4015 hours in a single calendar year. [Rule 1303]

7. This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAPs) . In the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern. [Rule 204]