MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

E004708

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: AUGUST 2014

OWNER OF OPERATOR (Co.#3254)

5E SVM Operations, LLC
13200 Main Street
Trona, CA 93562

EQUIPMENT LOCATION (Fac.#7)

SVM - West End Plant
80201 Trona Road
Trona, CA 93562

Description:
DIESEL IC ENGINE, EMERGENCY TURBINE STARTUP consisting of: Year of Mfg. Unknown; USEPA Tier Unknown; assumed to be Tier 0; Engine Family Name Unknown, CARB E.O. Unknown, Certified Diesel PM emission rate Unknown

One Cummins, Diesel fired internal combustion engine Model No. V903 and Serial No. KMS3454, producing 350 bhp with cylinders at 1800 rpm while consuming a maximum of . This equipment powers a Compressor Model No. and Serial No. , rated at .

CONDITIONS:

1. This emergency, stationary, compression-ignited, internal combustion engine and after-treatment control device (if any) shall be installed, operated and maintained according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. 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 63.6625(e) - Subpart ZZZZ - NESHAP for Stationary Reciprocating Internal Combustion Engines]

2. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements. District and State only

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[40CFR Subsection 63.6625(f)]

Fee Schedule: 7 (i)	Rating: 1 device	SIC: 1474	SCC: 20100102	Location/UTM(Km): 464E/3951N

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.

5E SVM Operations, LLC
P.O. Box 367
Trona, CA 93592-0367

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

4. This unit shall be limited to use for operating this engine for testing and maintenance purposes and for starting the gas turbine. This unit shall be operated no more than 20 hours per year for testing and maintenance [Rule 204; Requirements of 40CFR Subsection 63.6640(f)(1)(ii) have been streamlined out by this existing applicable requirement.]

5. The owner/operator shall maintain an 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 and duration of each use (in hours);
b. Reason for use (testing & maintenance, emergency, required emission testing, etc.);
c. Monthly and calendar year operation in terms of fuel consumption (in gallons) and total hours [17 CCR 93115]; and,
d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log) [17CCR 93115].
e. Records of the occurrence and duration of each malfunction of operation of equipment, including air pollution control and monitoring equipment, the maintenance performed during these malfunctions, and the corrective actions taken to minimize emissions and restore malfunctioning processes and air pollution control and monitoring equipment to its normal operation [40 CFR 63.6655(a)]; and,
f. Maintenance performed on this equipment, inclusive of the requirements of 40 CFR 63, Subpart ZZZZ National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines as listed below.
[17 CCR 93115, ATCM for Stationary Compression Engines]

6. Owner/operator must meet the following requirements;
a. Change oil and filter every 500 hours of operation or annually, whichever comes first. O/o may utilize an oil analysis program as described in \S63.6625(i) in order to extend this requirement.
b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comers first;
c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; and
d. Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR Subsection 63.6603, table 2d]

7. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR \S93115) and 40 CFR Part 63, Subpart ZZZZ (NESHAP). In the event of conflict between these conditions and the ATCM or NESHAP, the more stringent requirements shall govern.