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

PERMIT TO OPERATE

B007852

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: DECEMBER 2026

OWNER OF OPERATOR (Co.#3254)

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

EQUIPMENT LOCATION (Fac.#2)

SVM - Trona Plant
13200 Main Street
Trona, CA 93562

Description:
DIESEL IC ENGINE, LOW-USE PORTABLE COMPRESSOR (LAKE) consisting of: SVM# K0640, Year of manufacturer 2000, EPA Tier 1, EPA Family Name YCPXL14.6MRJ, CARB EO U-R-001-0019 w/ PM10 Certification level 0.29 g/bhp-hr, One Caterpillar, Diesel fired internal combustion engine Model No. 3406C and Serial No. 3ER05421, Direct Injected, Turbo Charged, producing 440 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 20 gal/hr.

One Caterpillar, Diesel fired internal combustion engine Model No. 3406C and Serial No. 3ER05421 (IMC# K0640), Direct Injected, Turbo Charged, producing 440 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 20.0 gal/hr. This equipment powers a Sullair Compressor Model No. 900HXDTQ-CAT and Serial No. 004-132398, rated at 900 cfm @ 350 psig.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	8.5	gm/bhp-hr
NOx	6.9	gm/bhp-hr
PM10	0.29	gm/bhp-hr
SOx	0.07	gm/bhp-hr
VOC	1.0	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (c) | Rating: 440 bhp | SIC: 1474 | SCC: 20200102 | Location/UTM(Km): 466E/3957N

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

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.
[District Rule 204]

2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)
[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% or 15 ppm on a weight per weight basis per CARB Diesel or equivalent requirements.
[District Rule 431; 17 CCR Section 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.
[District Rule 204]

5. This unit shall not be operated for more than 80 hours per calendar year.
[District Rule 204; 17 CCR 93116.2(a)(22) and 93116.3(c)(4)]

6. The o/o 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) Calendar year operation in terms of operating location, fuel consumption (in gallons) and total hours; and,
(b) Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
[District Rule 204]

7. The Responsible Official of the fleet must submit a report by March 1 of each year indicating the following:
(a) The permit or registration number of each low-use engine; and
(b) The hour meter readings taken at the beginning and end of the previous calendar year for each low-use engine.
[District Rule 204; 17 CCR 93116.4(d)(1)]

8. This unit 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.
[District Rule 1320; 17 CCR 93116]