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

AUTHORITY TO CONSTRUCT B009161

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

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 (P6401), PORTABLE CONCRETE PUMP consisting of: Year of manufacture 2021, EPA Tier 4F, Engine Family Name LDZXL02.9020, CARB EO U-R-013-0601.

One Deutz, Diesel fired internal combustion engine Model No. TD2.9L4 and Serial No. 12758223, Direct Injected, Diesel Oxidation Catalyst, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Turbo Charged, producing 74.2 bhp with 4 cylinders at 2300 rpm while consuming a maximum of 4.23 gal/hr. This equipment powers a Putzmeister Pump Model No. TK40 and Serial No. 210615460, rated at TBD cu yds/hr.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	3.750	gm/bhp-hr
NOx	3.36	gm/bhp-hr
PM10	0.022	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.14	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (b) | Rating: 74.2 bhp | SIC: 1474 | SCC: 20100102 | 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 certified Tier 4 Final diesel engine shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles 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.
[District Rule 1302(C)(2)(a)]

2. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. This equipment must be moved within this facility or moved to another facility annually. The amount of time that the equipment is kept in the storage location does not count towards the residence requirement so long as the equipment is not set up in an operational configuration.
[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) on a weight per weight basis 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.
[District Rule 431; 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.
[District Rule 1302(C)(2)(a)]

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

6. This portable, diesel-fired engine is certified to Tier 4 final emission standards and is therefore exempted from the requirements of section 93116.4 of Title 17 CCR 93116. To establish this exemption the Responsible Official (owner/operator) must provide the Certification Statement to the District and CARB when the engine initially satisfies the requirements of section 93116.4(a). This certification statement must list the following for each engine:
(a) The District permit number; and,
(b) The serial number.

Compliance Statements should be sent to the District via mail or electronically to reporting@mdaqmd.ca.gov

Compliance Statements should be mailed to CARB at:
ARB/PERP
P.O. Box 2038
Sacramento, CA 95812
[Title 17 CCR 93116.4(a)and(e)]

7. This unit is subject to the requirements of Title 17 CCR 93116, the Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater.
[Title 17 CCR 93116]