



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

E013773

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: SEPTEMBER 2025

OWNER OF OPERATOR (Co. #2935)

SBC Investment, LLC
13057 Athol Street
Trona, CA 93562

EQUIPMENT LOCATION (Fac. #3972)

Panamint Valley Limestone
13057 Athol Street
Trona, CA 93562

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: Model Year 2019, Certified Tier IV Final, Engine Family KCEXL02.8AAB.

One Cummins, Diesel fired internal combustion engine Model No. QSF2.8 and Serial No. TBD, Turbo Charged, Direct Injected, Charge Air Cooler, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Diesel Oxidation Catalyst, producing 60 bhp with 4 cylinders at 1600 rpm while consuming a maximum of 6 gal/hr. This equipment powers a TBDFan Model No. TBD and Serial No. TBD, rated at TBD.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.07	gm/bhp-hr
NOx	3.26	gm/bhp-hr
PM10	0.01	gm/bhp-hr
PM2.5	0.01	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	0.17	gm/bhp-hr

CONDITIONS:

1. This engine shall be installed, operated and maintained according to the manufacturer's emission-related written instructions. Further,

Fee Schedule: 7 (g) Rating: 1 device SIC: 3274 SCC: 20100102 Location/UTM(Km): 466E/3960N

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.

SBC Investment, LLC
82532 2nd Street
Trona, CA 93562

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

the owner/operator shall change only those emission-related settings that are permitted by the manufacturer. 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 60 Subparts 60.4205, and 60.4211]

2.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[17 CCR 93115]

3.This engine shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:

- a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,
- b. A cetane index or aromatic content, as follows: (i) A minimum cetane index of 40; or, (ii) A maximum aromatic content of 35 volume percent. [17 CCR 93115.5(a), 40 CFR 80.510(b), and 40 CFR 63.6604]

Note: Use of certified California Ultra-Low Sulfur Diesel (ULSD) fuel meets the requirements of subparagraph 3.b above.
[District Rule 431; 17 CCR 93115]

4.This unit shall be limited to use for emergency power, defined as in response to a fire or flood, or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 50 hours per year for testing and maintenance.
[17 CCR 93115; 40 CFR 60.4211(f)]

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/or 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) [17 CCR 93115].

6.This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.
[17 CCR 93115]

7.This unit shall be operated and maintained so as to meet the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115) and New Source Performance Standards (NSPS) for Stationary Compression Ignition Internal Combustion Engines (40 CFR Part 60, Subpart IIII).

8.All permitted equipment shall be located a minimum of 101 meters from the property line.
[District Rule 1320]

9.This facility shall not emit more than:

- a. 8 tpy of a single HAP;
- b. 20 tpy of all HAPs;
- c. 20 tpy of VOC;
- d. 80 tpy of CO; e. 14.9 tpy of PM10; and,
- f. 20 tpy of NOx

Compliance with these limits shall be demonstrated using rolling 12 month average emission summaries. A current rolling twelve month emission summary shall be made available to District personnel upon request.
[District Rules 1302 and 1320]

10.A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the

District, in a format approved by the District, upon District request.
[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]