



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

E012620

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: SEPTEMBER 2025

OWNER OF OPERATOR (Co. #503)

Robertson's Ready Mix
P.O. Box 3600
Corona, CA 92878

EQUIPMENT LOCATION (Fac. #2375)

Robertson's Ready Mix - Ft Irwin Rd
58825 Ft. Irwin Road
Barstow, CA 92310

Description:

DIESEL IC ENGINE, EMERGENCY GENERATOR consisting of: A certified Tier III Diesel engine, EPA Family 7CEXL0409AAB, manufactured in 2007 with no exhaust after-treatment device installed.

One Cummins, Diesel fired internal combustion engine Model No. QSB7-G3-NR3 and Serial No. 46725783, Turbo Charged, After Cooled, producing 310 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 15 gal/hr. This equipment powers a Cummins, Inc. Generator Model No. 0D80C and Serial No. D8007-000107, rated at 150 kW, 188 kVA.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.816	gm/bhp-hr
NOx	2.62	gm/bhp-hr
PM10	0.087	gm/bhp-hr
SOx	0.003	gm/bhp-hr
VOC	0.094	gm/bhp-hr

CONDITIONS:

1. This certified stationary compression-ignited internal combustion engine shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and

Fee Schedule: 7 (g) Rating: 1 device SIC: 1422 SCC: 20100102 Location/UTM(Km): 518E/3884N

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.

Robertson's Ready Mix
P.O. Box 3600
Corona, CA 92878-3600

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

specifications submitted with the application for this permit.
[40 CFR 60.4211(a)]

2.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this equipment to indicate elapsed engine operating time.
[17 CCR 93115.10(d)]

3.This equipment 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) and 40 CFR 60.4207(b)]

Note: Use of CARB certified ULSD fuel satisfies these requirements.

4.The owner/operator shall maintain an operations log for this engine current and on-site (or at a central location) for a minimum of three (3) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the following information:

- 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 rolling 12 month period operation in terms of fuel consumption (in gallons) or total hours;
- d. Fuel sulfur concentration as required by condition #3 (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log); and,
- e. Maintenance performed on this equipment.

[17 CCR 93115.10(f)]

5.This equipment may operate in response to an impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time. The engine may be operated no more than 30 minutes prior to the forecasted outage and must be shut down immediately after the utility advises that the outage is no longer imminent or in effect.

[17 CCR 93115.6(a)(2)]

6.This equipment shall not be used to provide power during a voluntarily 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 93115.6(c)(1)(C)]

7.This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.

[District Rule 1302]

8.This engine 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 engine shall be operated no more than 50 hours per year for testing and maintenance.

[17 CCR 93115.6(a)(3)(1)(c)]

9.This facility shall emit less than the following limits in any twelve month period:

- a. 8 tons per year of any single HAP or 20 tons per year of any combination of HAPs;
- b. 12 tons of PM₁₀; and
- c. 20 tons of NO_x.

Compliance with this limit shall be verified with monthly facility emission summaries and an annual emissions inventory. Monthly emissions summaries shall be calculated using a District-approved method, with at least the last two years of monthly emissions

summaries maintained for a minimum of two years and provided to District, State or Federal personnel upon request. The facility must also submit an accurate emissions inventory data to the District, in a format approved by the District, upon request.