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

E013068

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 2026

OWNER OF OPERATOR (Co.#32)

St. Joseph Health
18300 Highway 18
Apple Valley, CA 92307

EQUIPMENT LOCATION (Fac.#313)

Providence St. Mary Medical Center
18300 Highway 18
Apple Valley, CA 92307

Description:
DIESEL IC ENGINE, EMERGENCY GENERATOR # 2 consisting of: EPA Engine Family = KCPXL32.ONZS, deemed equivalent to a Tier II On-Road 4SLB Engine, manufactured in 2018, with no exhaust after-treatment device installed. Exhaust stack is 9 feet, 2 inches high and 12 inches in diameter with an exhaust flow of 8,387 CFM at 965 degrees F. Facility is 2870 feet above sea level.

One Caterpillar, Diesel fired internal combustion engine Model No. C32 and Serial No. PRH08030, Turbo Charged, After Cooled, producing 1502 bhp with 12 cylinders at 1800 rpm while consuming a maximum of 74 gal/hr. This equipment powers a CAT Generator Model No. SR5 and Serial No. G1F02075, rated at 1000 kWe.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.82	gm/bhp-hr
NOx	3.75	gm/bhp-hr
NOx+NMHC	3.80	gm/bhp-hr
PM10	0.08	gm/bhp-hr
PM2.5	0.08	gm/bhp-hr
VOC	0.07	gm/bhp-hr

CONDITIONS:

Fee Schedule: 7 (a) | Rating: 1 device | SIC: 8062 | SCC: 20100102 | Location/UTM(Km): 485E/3817N

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.

St. Joseph Health
Attn: A/P Department

Salt Lake City, UT 84131-0263

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

UNOFFICIAL

1. This equipment 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 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 1302]

2. 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:
1. A minimum cetane index of 40; or,
2. A maximum aromatic content of 35 volume percent.
[17 CCR 93115.5(a) and 40 CFR 80.510(b)]
Note: Use of CARB certified ULSD fuel satisfies the above requirements.

3. 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 93115.10(d)]

4. This engine may operate in response to notification of 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 is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.
[17 CCR 93115.6(b)]

5. This equipment shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 15 hours per year for testing and maintenance. This 15 hour limitation shall exclude testing and maintenance as required by the National Fire Protection Association (NFPA), the Joint Commission on Accreditation of Healthcare Organizations (JCAHCO), or as otherwise required by the State of California for Health Facilities as defined under California Health and Safety Code Section 41514.1. This unit shall be operated for no more than 20 additional hours annually to satisfy the requirements set forth by these authorities, and these additional hours shall be documented within the operations log for this equipment.
[17 CCR 93115.6(b), H&S Code 1250 & 41514.1 and District Rule 1320]

6. The owner/operator shall maintain an operations log for this unit 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 information specified below:

a. Date of each use and duration of each use (in hours per hour meter);
b. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in gallons or total hours); and
d. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).
[17 CCR 93115.10(f)]

7. This unit 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)(2); District Rule 204]

8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115) and 40 CFR Part 60 Subpart IIII. In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.
[District Rule 204]

9. 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]