**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

E008441

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 2027

## OWNER OF OPERATOR (Co.#703)

Liberty Utilities, Apple Valley
21760 Ottawa Road
Apple Valley, CA 92307

## EQUIPMENT LOCATION (Fac.#1392)

Liberty AV - Portables
21760 Ottawa Road
Apple Valley, CA 92308

**Description:**
DIESEL IC ENGINE, PORTABLE, EMERGENCY GENERATOR (GEN-02) consisting of: A certified tier 1 engine, USEPA Family WCPXL14.6ERK, manufactured in 1998 with no exhaust after-treatment device installed Maintenance Yard Elevation is 2958 feet above sea level.

One Caterpillar, Diesel fired internal combustion engine Model No. 3406 and Serial No. 4ZR04432, Direct Injected, Turbo Charged, After Cooled, producing 519 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 27.0 gal/hr. This equipment powers a Caterpillar Generator Model No. 3406-SR4B and Serial No. 8ER02168, rated at 350 kW(e).

### EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---|---|---|
| CO | 0.8 | gm/bhp-hr |
| NOx | 6.5 | gm/bhp-hr |
| PM10 | 0.1 | gm/bhp-hr |
| SOx | 0.00478 | gm/bhp-hr |
| VOC | 0.1 | gm/bhp-hr |

## CONDITIONS:

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 4941 | SCC: 20100102 | Location/UTM(Km): 482E/3820N

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.

Liberty Utilities, Apple Valley
Attn: Accounts Payable

Litchfield Park, AZ 85340

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 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]

2. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days, excluding time spent at a designated storage site. This generator must be moved to another facility/spot at least annually for a valid operational reason.
[Title 17 CCR 93116]

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.
[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.
[Title 17 CCR 93116.4(b)(2)(A)]

5. This engine has been designated as "emergency" pursuant to Title 17 CCR 93116 and is therefore exempt from the fleet requirements of sections 93116.3(c)(1) and 93116.3(c)(2) pursuant to section 93116.3(c)(3)(B). In order to maintain this designation, this engine is limited to use only during an emergency or emergency event, as defined under section 93116.2(a). In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.
[17 CCR 93116.3]

6. In the event that this engine exceeds the allowed hours of operation in a calendar year it becomes immediately subject to the requirements of section 93116.3(c)(1) or (c)(2) in the year such exceedance or use occurs. The responsible official (owner/operator) must submit a request to convert the engine to regular use, subject to the limitations of section 93116.3(c)(6).
[Title 17 CCR 93116.2(a)(23) and 9.3116.3(c)(3)and(5)]

7. 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;
b. Location of each use;
c. Duration of each use (in hours as indicated by the hour timer);
d. Reason for use (emergency use, testing & maintenance, required emission testing);
e. Calendar year operation in terms of fuel consumption (in gallons) or total hours; and,
f. 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 93116]

8. The owner/operator shall not operate this emergency standby diesel-fueled CI engine for non-emergency use, including maintenance and testing, if the engine is located on school grounds whenever there is a school-sponsored activity and/or if the engine is located within 500 feet of school grounds between 7:30 a.m. and 3:30 p.m. on days when school is in session.
[Title 17 CCR 93116]

9. This USEPA Tier 1 certified engine may not be sold, or offered for sale, to an end user in California on or after January 1, 2020. The sale of engines for resale outside of California is not prohibited.
[Title 17 CCR 93116.3(e)]

10. The owner/operator of fleets that are exempted from the requirements of section 93116.3(c)(1) and 93116.3(c)(2) pursuant to section 93116.3(c)(3)(B) of Title 17 CCR 93116, must keep and maintain records pursuant to condition 7. The Responsible Official (owner/operator) must provide the following compliance report to the District and CARB by March 1 of each calendar year indicating the following:
a. The permit number of each emergency engine.

Compliance Reports should be sent to the District via mail or electronically to reporting@mdaqmd.ca.gov
Compliance Reports should be mailed to CARB at:
ARB/PERP
P.O. Box 2038
Sacramento, CA 95812
[Title 17 CCR 93116.4(b)and(d)]

11. This engine 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.
[Title 17 CCR 93116]

12. 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]