



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

E007961

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: JANUARY 2026

OWNER OF OPERATOR (Co. #1302)

Blythe Energy, Inc
385 N Buck Blvd
Blythe, CA 92225

EQUIPMENT LOCATION (Fac. #2262)

Blythe Energy, Inc.
385 N. Buck Blvd
Blythe, CA 92225

Description:

NON-CERTIFIED DIESEL IC ENGINE, EMERGENCY FIRE PUMP consisting of: Year of Manufacture 2002: USEPA Family Name NA: CARB Executive Order NA: Tier 0

One John Deere, Diesel fired internal combustion engine Model No. 6081HF001 and Serial No. RG6081H145432, Direct Injected, Turbo Charged, producing 303 bhp with 6 cylinders at 2200 rpm while consuming a maximum of 14.0 gal/hr. This equipment powers a Fire Pump Model No. 8100 and Serial No. 02-035551-05-01/K42011, rated at.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord 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 204]

[40 CFR Part 63, 63.6605(b), 63.6640(a)]

2. 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.

[17 CCR 93115.5(a)]

[40 CFR 63.6604(b)]

3. A non-resettable hour meter with a minimum display capability of 9,999 hours shall be installed and maintained on this unit to indicate elapsed engine operating time.

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4911

SCC: 20200102

Location/UTM(Km): 715E/3725N

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.

Blythe Energy, Inc
385 N Buck Blvd

Blythe, CA 92225-3301

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

[Title 17 CCR 93115]
[40 CFR 63.6625(f)]

4.This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations 40 CFR 63.6640(f)(4). In addition, pursuant to 17 CCR 93115.6(b) this unit shall be operated no more than 20 hours per year for testing and maintenance. The 20 hours of testing and maintenance hours are counted as part of the 50 hours of operation in non-emergency situations provided in 40 CFR 63.6640(f)(4). Except as provided in 40 CFR 63.6640 (f)(4)(ii), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

[17 CCR 93115.6(b)]
[40 CFR 63.6640(f)(4)]

5.The hour limits of Condition 4 can be exceeded when the emergency fire pump assembly is driven directly by a stationary diesel fueled CI engine when operated per and in accord with the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 1998 edition.

[Title 17 CCR 93115(c)16]
[40 CFR 63.6640(f)(2)(i)]

6.The owner/operator shall maintain an operations log for this equipment 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/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:

- (a) Date of each use and hours of operation with documentation of how many hours are spent for emergency operation, including what classified the operation as emergency, and how many hours are spent for non-emergency operation, including what classified the operation as non-emergency; and,
- (b) Monthly and calendar year operation in terms of total hours, both emergency and non-emergency use, classified as described in 'a.' above; and,
- (c) Monthly fuel use; and,
- (d) Documentation of certified fuel use, as required by condition 3 (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, inclusive of the management practice requirements of condition 7 below.

[17 CCR 93115.10(f)]
[40 CFR 63.6655(f)]

7.The owner/operator shall conduct inspections in accord with the following schedule. All inspections must occur at least annually regardless of operating hours.

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil change analysis program to extend oil change frequencies per the requirements in 40 CFR 63.6625(i);
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[40 CFR Part Section 63.6630(a); Table 2d.4.; Subpart ZZZZ]

8.If this emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements required by condition 7, or shutting down the engine would pose an unacceptable risk, the management practice can be delayed until the emergency is over, or the risk has been abated. The management practice should be performed as soon as practicable after the emergency/risk has ended. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.

[40 CFR 63.6603(a)]

9.The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

[40 CFR Section 63.6625(h)]

10.This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rule 204]

11.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines Title 17 CCR 93115 and 40 CFR 63 Subpart ZZZZ (RICE NESHAPs). In the event of conflict between conditions and the referenced regulatory citations, the more stringent requirements shall govern.
[Title 17 CCR 93115; 40 CFR 63, Subpart ZZZZ]

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]