



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

B007957

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:

MAIN COOLING TOWER consisting of: A Marathon Model 9B 445TTFN4573AA wet cooling tower with water circulation, treatment and handling equipment and air circulation equipment, including the following:

EQUIPMENT

Capacity	Equipment Description
250	Cooling Cell Fan #8, Motor Serial No. MU402450-2/22-02
250	Cooling Cell Fan #7, Motor Serial No. MU402450-2/22-01
250	Cooling Cell Fan #6, Motor Serial No. MU402450-2/22-05
250	Cooling Cell Fan #5, Motor Serial No. MU402450-2/22-03
250	Cooling Cell Fan #4, Motor Serial No. MU402450-2/22-06
250	Cooling Cell Fan #3, Motor Serial No. MU402450-2/22-07
250	Cooling Cell Fan #2, Motor Serial No. MU402450-2/22-04
250	Cooling Cell Fan #1, Motor Serial No. MU402450-2/22-08
1000	Circulating Water Pump #12, Johnson Serial No. 01JB1129B
1000	Circulating Water Pump #11, Johnson Serial No. 01JB1129A

CONDITIONS:

Fee Schedule: 1 (d) Rating: 4000bhp SIC: 4911 SCC: 99999999 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

- 1.Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
- 2.This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.
- 3.The drift rate shall not exceed 0.0006 percent with a maximum circulation rate of 146,000 gallons per minute for the Main Cooling Tower. The maximum hourly PM10 emission rate shall not exceed 0.546 pounds per hour from both the Main and the Chiller Cooling Towers, as calculated per the written District-approved protocol.
- 4.Whenever the power plant is in operation, the operator shall perform tests of the blow-down water quality once in every seven day period at a minimum; to clarify, if at any time during that same seven day period the power plant has run, then the owner operator shall perform blow-down water quality tests. The operator shall maintain a log, which contains the date and result of each blow-down water quality test, and the resulting mass emission rate. This log shall be maintained on site for a minimum of five (5) years and shall be provided to District, State or Federal personnel on request.
- 5.The operator shall conduct all required cooling tower water quality tests in accordance with a District-approved test and emissions calculation protocol.
- 6.A maintenance procedure shall be established that states how often and what procedures will be used to ensure the integrity of the drift eliminators. This procedure shall be submitted to the District for approval at least thirty (30) days prior to construction and shall be kept on-site and available to District personnel on request.