



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B009447

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2021

OWNER OF OPERATOR (Co.#2733)

NextEra Energy Capital Holdings, Inc.
700 Universe Blvd.
Juno Beach, FL 33408

EQUIPMENT LOCATION (Fac.#941)

Resurgence Solar & BESS
41100 Highway 395
Boron, CA 93516

Description:

PORTABLE DIESEL IC ENGINE, AIR COMPRESSOR #7 consisting of: Year of Mfg. 2003, USEPA Tier 1, Engine Family 3JDXL06.8046:

One John Deere, Diesel fired internal combustion engine Model No. 4045DF and Serial No. PE4045D375589, producing 85 bhp with 4 cylinders at 2400 rpm while consuming a maximum of 5.0 gal/hr. This equipment powers a Sullivan-Palatek Compressor Model No. D250QJDC and Serial No. 23883, rated at 100 psi.

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 2.823 | gm/bhp-hr |
| NOx | 5.7 | gm/bhp-hr |
| PM10 | 0.21 | gm/bhp-hr |
| VOC | 0.318 | gm/bhp-hr |

CONDITIONS:

1. This certified portable diesel 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 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]

Fee Schedule: 1 (b)

Rating: 85 bhp

SIC: 4911

SCC: 20200102

Location/UTM(Km):
450E/3874N

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.

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

2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days, excluding time spent at a designated storage area. (This system must be moved within this facility or moved to another facility annually.)
[Title 13 CCR 93116.2(a)(29)]

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.
[Title 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.
[District Rule 1302(C)(2)(a) and Title 17 CCR 93116]

5. 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, location of each use (decimal degrees, xx.xxxxx;-yyy.yyyyy) and duration of each use (in hours);
 - b. Reason for use (regular use, testing & maintenance, emergency use, required emission testing);
 - c. Monthly and consecutive 12 month period hours of operation (in hours);
 - d. Calendar year operation in terms of fuel consumption (in gallons) or total hours (to assist in CEI data collection);
 - e. Description of all repairs and/or maintenance actions on emission control systems; 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).
- [District Rule 1302(C)(2)(a)]

6. This engine may not operate in California on or after January 1, 2020.
[17 CCR 93116.3(c)(1)(A)]

7. This USEPA Tier 3 certified engine may not be sold, or offered for sale, to an end user in California on or after the compliance date mandated by Condition 6. The sale of engines for resale outside of California is not prohibited.
[Title 17 CCR 93116.3(e)]

8. The equipment on this permit can be used at both Luz Solar Partners III - VII, SEGS III through VII (0277/00941) and Luz Solar Partners VIII & IX, Harper Lake Co. VIII & IX (0603/00975).

9. The fleet of portable diesel engines under control of this owner/operator are 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]

10. 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]