



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B009350

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2023

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 IC ENGINE, DIESEL AIR COMPRESSOR 02 consisting of: Model Year 2010, Tier III Engine Family AJDXL04.5112.

One John Deere, Diesel fired internal combustion engine Model No. 4045TF and Serial No. PE4045L109852, producing 85 bhp with 4 cylinders at 2500 rpm while consuming a maximum of 5.0 gal/hr. This equipment powers a Sullair Compressor Model No. 250PJD and Serial No. 2903, rated at 150 psi.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.158	lbs/hr
NOx	0.55	lbs/hr
PM10	0.043	lbs/hr
SOx	0.001	lbs/hr
VOC	0.029	lbs/hr

CONDITIONS:

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 diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days.

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**
Brad Poiriez
Air Pollution Control Officer

This system must be moved for a valid business purpose annually.
[District Rules 1302, 1303, and 1320; Title 17 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) 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.
[Title 17 CCR 93116.4(c)(2)(A)]

5.This engine shall not be operated for more than 3 hours in any calendar day (24 hour period) and more than 100 hours in any rolling 12 month year.
[District Rule 1303 - Basis: BACT limiting]

6.The owner/operator shall maintain a 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 (decimal degrees, xx.xxxxx;-yyy.yyyyy);
c) Duration of each use (in hours as indicated by the hour timer);
d) Daily, weekly, monthly and calendar year operation in terms of total hours; and,
e) Fuel sulfur concentration (the owner/operator may use the fuel supplier's certification of sulfur content if it is maintained as part of this log).
[Title 17 CCR 93116.4(c)]

7.This USEPA Tier 3 certified engine manufactured after January 1, 2009, operating as part of a Small Fleet, may not be operated in California on or after January 1, 2029 unless this engine meets one of the following:

- a) The engine has been designated as low-use, in accordance with Title 13 CCR 2453(p); or
 - b) The engine has been designated as emergency, in accordance with Title 13 CCR 2453(p); or
 - c) The engine has been equipped with a properly functioning level-3 verified technology.
- [Title 17 CCR 93116.3(c)(1)(A) and 93116.3(c)(3) and 93116.3(c)(4)]

In order to designate this engine as low-use or emergency, the owner/operator must submit an application to the District to modify this permit, in addition to submitting a modification to CARB via PERP Form 20 (Application for a Correction or Modification to an Existing Registration) according to the provisions of Title 13 CCR 2453(p).

"Level-3 Verified Technology" means a technology that has satisfied the requirements of the "Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines" in title 13, Cal. Code Regs., commencing with section 2700, and has demonstrated a reduction in diesel particulate matter of 85 percent or greater. In order to install a level-3 technology, the owner/operator must submit an application to the District to modify this permit.

8.This USEPA Tier 3 certified engine manufactured after January 1, 2009, operating as part of a Small Fleet, may not be sold, or offered for sale, to an end user in California on or after January 1, 2029. The sale of engines for resale outside of California is not prohibited.
[Title 17 CCR 93116.3(e)]

9.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]

10.This engine may be relocated throughout the District; however, this engine cannot be operated within 1000 feet of any K-12 grade school of more than 12 students for more than 30 consecutive days.

[H&S Code 42705.5(a)(5)]

11.Facility-wide emissions must be less than:

- a) 20 tons per year of NO_x,
- b) 20 tons per year of VOC,
- c) 15 tons per year of PM₁₀ (basis: offsets),
- d) 10 tons per of any single Hazardous Air Pollutant, and
- e) 25 tons per year of any combination of any Hazardous Air Pollutant.

Facility-wide emissions shall be calculated and recorded, in tons, on a calendar month basis and totaled for each consecutive twelve-month basis. For emergency engines, only emissions generated during testing and maintenance shall apply toward the facility-wide emission limits. These records shall be maintained as current for a minimum of five (5) years, and made available upon District, State and/or Federal request.

[District Rule 221(B) and (C) - Basis: Voluntary Emission Limitations - below Title V]

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]