



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B012046

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2016

OWNER OF OPERATOR (Co.#2142)

Arena Event Services, Inc. dba Arena Americas
10861 South Howell Avenue
Oak Creek, CA 923154

EQUIPMENT LOCATION (Fac.#3492)

Arena Americas
48245 Fort Irwin Road
Barstow, CA 92311

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: A certified Tier 2 Compression-Ignition (Diesel) Portable Prime Use Engine, EPA Family 6JDXL06.8041 with no exhaust after-treatment system:

One John Deere, Diesel fired internal combustion engine Model No. 4045TF275D and Serial No. PE4045T736016, Compression-Ignited, Direct Injected, Inter Cooled, Smoke Puff Limiter, Turbo Charged, producing 112.6 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 6.3 gal/hr. This equipment powers a Magnum Generator Model No. MMG 80 and Serial No. 053548, rated at 65 kW(e).

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 0.82 | gm/bhp-hr |
| NOx | 4.2 | gm/bhp-hr |
| PM10 | 0.18 | gm/bhp-hr |
| SOx | 0.005 | gm/bhp-hr |
| VOC | 0.47 | gm/bhp-hr |

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 1302]

Fee Schedule: 1 (b)

Rating: 112.6 bhp

SIC: 7359

SCC: 20100102

Location/UTM(Km): 498E/3862N

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

2.This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. (This system must be moved for a valid business purpose within this facility or moved to another facility annually.) [Title 17 CCR 93116.2(bb)]

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.The o/o 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 and duration of each use (in hours);
 - b. Reason for use (Regular use, testing & maintenance, emergency, required emission testing);
 - c. Calendar year operation in terms of fuel consumption (in gallons) or total hours; and,
 - d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
- [Title 17 CCR 93116.4(c)]

6.The fleet* under control of this o/o is subject to and shall comply with the weighted Diesel Particulate Matter (DPM) emission fleet averages** expressed as grams per brake horsepower-hour (g/bhp-hr) of Title 17 CCR Section 93116.3(c) & (d) by the following dates:

// Compliance Date // Weighted DPM (g/bhp-hr)
January 1, 2013 // 0.30
January 1, 2017 // 0.18
January 1, 2020 // 0.04
===

* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

** The method used to calculate the Fleet Average is found in Title 13 CCR 93116.3(d).

7.The o/o of this unit must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr) and other required information, see Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7) for the following compliance statement submittal dates:

// Weighted DPM Emission Fleet Average Effective Date // Submit Report by
January 1, 2013 // March 1, 2013
January 1, 2017 // March 1, 2017
January 1, 2020 // March 1, 2020
===

8.The o/o of fleets that are exempted from the requirements of section 93116.4 pursuant to section 93116.4(a), the Responsible Official shall certify that all portable diesel-fueled engines in the fleet satisfy the requirements of section 93116.4(a). [Title 17 CCR 93116.4(f)]

9.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.

10.In accordance with the State of California's Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines, this Permit shall not be renewed past January 1, 2017 (Title 17 CCR 93116.3(b)(2)(E)).