



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B013250

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2024

OWNER OF OPERATOR (Co. #2887)

Double D Mining, LLC
P.O. Box 7060
Visalia, CA 93209

EQUIPMENT LOCATION (Fac. #3707)

Double D Mining, LLC
1 Arlington Mine Road
Blythe, CA 92225

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: Year of Manufacturer 2006, Tier 3, EPA Family 7CPXL15.2ESK.

One Caterpillar, Diesel fired internal combustion engine Model No. C15 and Serial No. FSE00520, Direct Injected, Turbo Charged, producing 636 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 31.9 gal/hr. This equipment powers a Caterpillar Generator Model No. SR4B and Serial No. TBD, rated at TBD.

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 2.54 | gm/bhp-hr |
| NOx | 2.41 | gm/bhp-hr |
| PM10 | 0.11 | gm/bhp-hr |
| SOx | 0.01 | gm/bhp-hr |
| VOC | 0.13 | gm/bhp-hr |

CONDITIONS:

1. This equipment shall be operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles in a manner consistent with good air pollution control practice for minimizing emissions. 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(C)(2)(a)]

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

Fee Schedule: 1 (c)

Rating: 636 bhp

SIC: 1499

SCC: 20100102

Location/UTM(Km):
700E/3743N

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

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) 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.
[Title 17 CCR 93116.4(c)(2)(A)]

5. Operation of this engine shall not exceed 16 hours in any 24 hour period.
[District Rule 1302(C)(2)(a)]

6. 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 and duration of each use (in hours);
b. Calendar year operation in terms of total hours; and,
c. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).
[Title 17 CCR 93116.4(c)]

7. This engine shall not be operated concurrent with the prime diesel engine under permit B012986.
[District Rules 1303 and 1320]

8. The fleet* (engines > 750 bhp) under control of this owner/operator 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:

// Fleet Standard Compliance Date // Weighted DPM (g/bhp-hr)
January 1, 2020 // 0.02

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* 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).

The 2017 and 2020 weighted PM emission fleet average standards of the Portable Diesel ATCM (Version Effective February 19, 2011) are not enforced per Air Resources Board Regulatory Advisory Number 347 which can be found at <https://www.arb.ca.gov/enf/advs/advs347.pdf>. All other ATCM applicable requirements remain in effect.

9. The owner/operator 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 required by Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7) for the following compliance statement submittal dates:

// Weighted DPM Emission Fleet Standard Compliance Date // Submit Statement of Compliance by
January 1, 2020 // March 1, 2020

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10. The owner/operator 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). See Title 17 CCR 93116.4(f) for details.

11. 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.

[District Rule 1302]

12. The facility shall not emit more than 14.9 tons of PM10 per any twelve month period. Compliance with this limit shall be demonstrated by a 12 month rolling average.

[District Rule 1303(B) Offsets]

13. 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]