



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B011549

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JANUARY 2027

OWNER OF OPERATOR (Co.#819)

Apex Bulk Commodities LLC
12531 Violet Road
Adelanto, CA 92301

EQUIPMENT LOCATION (Fac.#1748)

Silver Lake Mine
T15N R6E, SEC 14
Baker, CA 92309

Description:

DIESEL IC ENGINE, GENERATOR consisting of: Year of Mfg. 2013, USEPA Tier 4I/ALT NOx, USEPA engine family DCEXL04.5AAF, CARB E.O. U-R-002-0585, expected exhaust flow rate 702 cfm and 806 degrees F.

One Cummins, Diesel fired internal combustion engine Model No. and Serial No. 73500928, Direct Injected, Turbo Charged, After Cooled, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Diesel Oxidation Catalyst, Electronic Control Module, producing 173 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 7.0 gal/hr. This equipment powers a Cummins Power Generation Generator Model No. 80DST411192013 and Serial No. M12K462010, rated at 80 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.007	gm/bhp-hr
NOx	1.65	gm/bhp-hr
PM10	0.008	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.003	gm/bhp-hr

CONDITIONS:

1. This stationary certified internal combustion engine 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 and change only those emission-related settings that are permitted by the manufacturer. Unless otherwise noted, this

Fee Schedule: 1 (b)

Rating: 162 bhp

SIC: 3295

SCC: 20100102

Location/UTM(Km):
563E/3917N

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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Adelanto, CA 92301

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

equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

2. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15ppm) on a weight per weight basis per CARB Diesel or equivalent requirements.(17 CCR \S93115.5(a))

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. (17 CCR \S93115.10(e)(1))

4. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, on a yearly basis; facility Calendar Year Emissions shall be less than the following:

PM10: 15 tpy

NOx: 25 tpy

SOx: 25 tpy

ROC: 25 tpy

5. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of three (3) years, with records keep on-site of two (2) 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. Calendar year operation in terms of fuel consumption (in gallons) and/or total hours,

b. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log), and

c. Records of engine and emission control maintenance.

6. The following emission limits apply to this engine;

NOx 2.5 g/bhp-hr

NMHC 0.14 g/bhp-hr

CO 3.7 g/bhp-hr

PM10 0.01 g/bhp-hr

O/o shall ensure compliance with these limits through proper operation and maintenance of engine and integral emission control device(s) diesel oxidation catalyst.

(17 CCR \S93115.7(a))

40 CFR 60 Subpart IIII

7. When requested in writing by the APCO the permittee shall conduct an emission compliance test on this engine.

8. This diesel fired ICE is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115) and 40 CFR Part 60, Subpart IIII-Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of conflict between these Conditions and the ATCM or NSPS, the requirements of the ATCM or NSPS shall govern.