



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B011224

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MAY 2018

OWNER OF OPERATOR (Co.#1719)

Cutting Edge Aggregates, Inc.
P.O. Box 398
Oro Grande, CA 92368

EQUIPMENT LOCATION (Fac.#3282)

Cutting Edge - Falchion Road
18400 Falchion Rd.
Apple Valley, CA 93207

Description:

SCREEN, PORTABLE (DIESEL ICE POWERED) consisting of: an Astec mobile screen, Model "Fold 'n Go" 2612D.

EQUIPMENT

Capacity	Equipment Description
0	Grizzly
0	12 cubic yard hopper, 6' X 13' top opening
0	Conveyor Belts (4)
0	Double Deck Screen
0	99 bhp John Deere diesel engine. USEPA Tier 2, Engine Family Name 5JDXL04.5083
0	Engine model 4045TF270C, Serial No. PE4045T491299. Diesel PM emission rate 0.18 g/bhp-hr
0	Water spray bar and associated components

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 203]

2. This equipment shall utilize water spray to control fugitive emissions. Water spray shall be directed onto aggregate material prior to the screen. [District Regulation IV and Regulation XIII]

Fee Schedule: 1 (b)

Rating: 99bhp

SIC: 1442

SCC: 30504034

Location/UTM(Km): 475E/3826N

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

3.The owner/operator shall comply with all applicable Rules and Regulations of the District. Applicable rules include, but are not necessarily limited to Rules 401, 402, and 403 which pertain to Visible Emissions, Nuisance, and Fugitive Dust respectively.

4.The o/o shall perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook.

5.Roadways, work areas and stockpiles shall be kept wetted to control fugitive dust. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance. [District Reg IV]

6.Visible emissions from this system shall not exceed an opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor. [District Rule 401(b)(1)]

7.A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, at a minimum:

- a. Tons of product produced per day,
- b. Tons of product produced per month,
- c. Tons of product produced per year,
- d. Water spray system inspection records in accord with Condition 4,
- e. Diesel ICE calendar year operation in terms of fuel consumption (in gallons) and total hours, 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).

8.The owner/operator shall limit the annual production (sum of all products) from this equipment to not more than 150 tons per hour, nor more than 470,000 tons per year (<15 tpy PM10). [District Reg XIII]

9.This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.) [Title 17 CCR, Section 93116]

10.This diesel engine 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, Section 93116.5 (a)]

11.A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this diesel engine to indicate elapsed engine operating time. [Title 17 CCR Section 93116.4(c)(2)(A)]

12.The o/o of this unit must submit a Status Report for the entire fleet* by March 1, 2011. This Status Report should include, but not limited to, the following, for details see Title 17 CCR 93116.4(e)(1):

- a. The fleet's weighted average PM emission rate for the 2010 calendar year,
- b. Inventory of portable engines in the fleet,
- c. Identify, if applicable, each portable diesel-fueled engine that the owner commits to replacing with a Tier 4 engine,
- d. Listing of portable diesel-fueled engines, if applicable, used exclusively in emergency applications,
- e. Listing of portable diesel-fueled engines, if applicable, satisfying the low-use engine requirements,
- f. Listing of portable alternative-fueled engines, if applicable, added to the fleet prior to January 1, 2009, pursuant to section 93116.3(d)(2)(B)2, and
- g. Listing of portable diesel-fueled engine(s) equipped with Selective Catalytic Reduction (SCR) system(s), * Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

13.The fleet of diesel engines under control of this o/o is subject to and shall comply with the weighted PM emission fleet averages expressed as grams per brake horsepower-hour (g/bhp-hr) by the listed compliance dates in Title 17 CCR Section 93116.3(c).

Fleet Standard Compliance;

Date Engines <175 bhp Engines >175 to 749 bhp Engines >750 bhp
(g/bhp-hr) (g/bhp-hr) (g/bhp-hr)
1/1/2013 0.3 0.15 0.25
1/1/2017 0.18 0.08 0.08
1/1/2020 0.04 0.02 0.02

Fleet is defined in Title 17 CCR Section 93116.2(16). Engines designated as low use or emergency are not subject to the fleet requirements (93116.3 (c)(3)).

14.The o/o of this diesel engine 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 Date Submit by
January 1, 2013 March 1, 2013
January 1, 2017 March 1, 2017
January 1, 2020 March 1, 2020
[Title 17 CCR, Section 93116.3(c) - Requirements]

15.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). See Title 17 CCR 93116.4(f) for details.

16.The o/o and/or Responsible Official of a fleet electing to use electrification in determining the fleet average shall submit the report required by Title 17 CCR 93116.4(c)(3) by January 1, 2012. [Title 17 CCR Section 93116.4(c)(3) - Fleet Recordkeeping and Reporting Requirements]

17.This diesel engine 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.

18.This portable equipment shall not be operated and/or located within 1,000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 45 consecutive days without completing the notification required by Health and Safety Code \S 42301.6.