



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B008941

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: APRIL 2011

OWNER OF OPERATOR (Co.#2855)

West Coast Aggregate Supply, Inc.
119278 North Cadiz Road
Twentynine Palms, CA 92277

EQUIPMENT LOCATION (Fac.#408)

West Coast Aggregate Supply Inc. DBA Brubaker Mann
36011 Soap Mine Road
Barstow, CA 92311

Description:

PORTABLE CRUSHER & DIESEL ICE consisting of: Trio Crusher, serial number tbd - Powered by a single 170 bhp John Deer model 6068TF150 serial number PE6068T202429, Year of Manufacture 2002, Tier 1, USEPA Family name 2JDXL06.8014, CARB Executive Order U-R-004-0119 with 6 cylinders at 2500 rpm while consuming a maximum of 8 gal/hr.

EQUIPMENT

| Capacity | Equipment Description |
|----------|--|
| 0 | Conveyor - Feed |
| 0 | Jaw Crusher Trio model number tbd, serial number tbd |
| 0 | Conveyor - Product |
| 170 | Diesel Engine - John Deer |

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

2. Equipment shall be operated/maintained according to the recommendations of the manufacturer/supplier and/or sound engineering principles.

Fee Schedule: 1 (b) Rating: 170bhp SIC: 1442 SCC: 30502510 Location/UTM(Km): 501E/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.

West Coast Aggregate Supply, Inc.
P.O. Box 790
Thermal, CA 92274-0790

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

- 3.This equipment can only be powered by utility line power, or a generator powered by an engine with a valid District permit.
- 4.This plant must be mounted on any chassis or skids and be able to be moved by the application of a lifting or pulling force. In addition, there shall be no cable, chain, turnbuckle, bolt or other means (except electrical connections) by which any piece of equipment is attached or clamped to any anchor, slab, or structure, including bedrock that must be removed prior to the application of a lifting or pulling force for the purpose of transporting the unit (Title 40 CFR 60.671)
- 5.Water sprays shall be used at conveyor points of charge and discharge, crushers, feeders, and screens, to control fugitive emissions. Through the use of water sprays, a minimum moisture content of two (2%) percent shall be maintained throughout the rock plant.
- 6.The o/o shall perform quarterly moisture content testing feed and product to confirm that the moisture content is at least 2%. This testing should be done according to material moisture test ASTM C566-97 or alternative methods with prior District approval.
- 7.Roadways, work areas, stockpiles, and materials being processed 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.
- 8.This facility shall not operate more than 8 hours per day, 5 days per week, 52 weeks per year, for a total operating limit of 2080 hours per year.
- 9.The maximum hourly throughput of material through this process shall not exceed 145 tons per hour (tph). (As a portable plant, see condition #4 with a process rate of less than 150 tph this unit is not subject to Title 40 CFR 60 subpart 000 per 40 CFR 60.670(c).)
- 10.The owner/operator (o/o) shall limit the annual production (sum of all products) to 301,600 tons per year.
- 11.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.
- 12.The o/o will periodically monitor opacity from fugitive emission points according to the following methodology:
- a) The owner or operator must conduct a monthly 6-minute visible emissions test on each affected source in accordance with USEPA Method 22. The test must be conducted while the affected source is in operation.
 - b) If no visible emissions are observed in six consecutive monthly tests for any affected source, the owner or operator may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.
 - c) If no visible emissions are observed during two consecutive semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semi-annually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

13.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, as a minimum:

- a) The tons of product produced per day,
- b) Hours operated per day (hours meter reading at startup and shutdown each day),
- c) Average hourly production rate in tph (item a divided by item b),
- d) Yearly total throughput,
- e) Results of the quarterly moisture content tests,
- d) Opacity results from fugitive emission points in accord with Condition 12,
- e) Date and new location each time this self propelled unit is moved,
- f) Maintenance and break down records associated with all water spray systems
- g) Reason for use (Regular use, testing & maintenance, emergency, required emission testing);
- h) Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- i) 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)].

14.Total emissions of Federal Hazardous Air Pollutants or HAP (as listed in Section 112(b) of the Federal Clean Air Act, see <http://www.epa.gov/ttn/atw/orig189.html>) from this facility shall not exceed 10 tons per year for any single HAP and 25 tons per year for any combination of HAPs, calculated on a rolling twelve-month basis.

15.The facility must submit accurate emissions inventory data to the District, in a format approved by the District, on a yearly basis, which is to be received by the District no later than April 30 of each year. This facility shall emit less than 15 tons of PM10 and less than 25 tons of NOx on a rolling twelve month summary basis. Compliance with this limit shall be verified with monthly facility emission summaries calculated using a District-approved method, with at least the last two years of monthly emissions summaries maintained for a minimum of two years and provided to District, State or Federal personnel upon request.

16.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 within this facility or moved to another facility annually.) [Title 17 CCR 93116.2(bb)]

17.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)]

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 30 consecutive days without completing the notification required by Health and Safety Code \S\S 42301.6.

19.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).

20.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 17 CCR 93116.3(d)

Note this engine certified at 0.21 grams of DPM per bhp-hr.

21. 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 Date Submit by

January 1, 2013 March 1, 2013

January 1, 2017 March 1, 2017

January 1, 2020 March 1, 2020

22. 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.

23. 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 most stringent shall govern.