



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B010232

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: MARCH 2012

OWNER OF OPERATOR (Co.#1795)

Las Vegas Paving
4420 South Decatur Blvd.
Las Vegas, NV 89103

EQUIPMENT LOCATION (Fac.#3044)

Las Vegas Paving - Yates Well Rd
Intersection Yates Well & I-15
Mountain Pass, CA 92364

Description:

HOT MIX ASPHALT PLANT - DRUM MIX PLANT MANUFACTURED BY CMI consisting of: Year of Manufacturer 1999, Model PTD-400, Serial # 189, Rate at 400 Tons of asphalt per hour, Diesel fired burner rated at 152 MMBTU/hour.

EQUIPMENT

Capacity	Equipment Description
0	Dust Silo - 50 tons Model
0	Feed - 5 Bins at 30 tons each, Model PAB432 Serial # 203
0.01275	Conveyor Bin #1 - 30" w by 10' l - (5 hp x 2550 btu/hr/hp = 12,750 BTU/hr)
0.01275	Conveyor Bin #2 - 30" w by 10' l - (5 hp x 2550 btu/hr/hp = 12,750 BTU/hr)
0.01275	Conveyor Bin #3 - 30" w by 10' l - (5 hp x 2550 btu/hr/hp = 12,750 BTU/hr)
0.01275	Conveyor Bin #4 - 30" w by 10' l - (5 hp x 2550 btu/hr/hp = 12,750 BTU/hr)
0.01275	Conveyor Bin #5 - 30" w by 10' l - (5 hp x 2550 btu/hr/hp = 12,750 BTU/hr)
0.051	Conveyor Collecting - 30" w by 80' l - (20 hp x 2550 btu/hr/hp = 51,000 BTU/hr)
0.051	Conveyor Belt - 30" w by 24' l - (20 hp x 2550 btu/hr/hp = 51,000 BTU/hr)
0.019125	Scalping Screen, Single Deck - 10' by 4', CMI (7.5 hp x 2550 btu/hr/hp = 19,125 BTU/hr)
0.03825	Conveyor Incline - 30" w by 40' l with weigh bridge - (15 hp x 2550 btu/hr/hp = 38,250 BTU/hr)
0.01275	Conveyor Slinger - 24" w by 15' l - (5 hp x 2550 btu/hr/hp = 12,750 BTU/hr)
0	Drum Mix Dryer, Model PTD 400 Serial# 183
150	Dryer Burner - 150 MMBTU/ hour, Manufacturer SJL Long Nose Star, Model Jet-55-580F, Serial# 280066X3078
0.255	Burner Blower - 8,125 cfm - (100 hp x 2550 btu/hr/hp = 255,000 BTU/hr)

Fee Schedule: 8 (f)

Rating: 152120000 Btu

SIC: 2951

SCC: 30500205

Location/UTM(Km):
634E/3927N

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.

Las Vegas Paving
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Las Vegas, NV 89103

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

Capacity	Equipment Description
0.019125	Fuel Pump - 12 gpm - (7.5 hp x 2550 btu/hr/hp = 19,125 BTU/hr)
0.3825	Drum Mix Dryer Drive Motors - (150 hp x 2550 btu/hr/hp = 382,250 BTU/hr)
0	Asphalt Oil Tank - 30,000 gallons
2.12	Asphalt Hot Oil heater - 2.12 MMBTU/hour Burke, Model CR2 GO 15, Serial # 39988893
0.0255	Asphalt Unloading Pump (10 hp x 2550 btu/hr/hp = 25,500 BTU/hr)
0.03825	Asphalt Oil Pump - 100 gpm - (15 hp x 2550 btu/hr/hp = 38,250 BTU/hr)
0	Dust (Baghouse Fines) Storage Silo, Capacity 55 tons, Model MFS 700PSE, Serial # 126
0.102	Dust Storage Silo Feeder - (40 hp x 2550 btu/hr/hp = 102,000 BTU/hr)
0.03825	Dust Screw (15 hp x 2550 btu/hr/hp = 38,250 BTU/hr)
0.03825	Dust Screw (15 hp x 2550 btu/hr/hp = 38,250 BTU/hr)
0.0051	Dust Silo Vain (2 hp x 2550 btu/hr/hp = 5,100 BTU/hr)
0.0765	Air Compressor 9,600 cfm (30 hp x 2550 btu/hr/hp = 76,500 BTU/hr)
0.153	Slat Conveyor (Hot Mix) - 32" w by 45 'l (60 hp x 2550 btu/hr/hp = 153,000 BTU/hr)
0	Hot Mix Silo - Capacity 80 tons {Silo is unheated.}
0.0765	Air Compressor - Operating Drop Gates (30 hp x 2550 btu/hr/hp = 76,500 BTU/hr)
0.765	Exhaust Fan 96,000 cfm - see permit C0101xx (2 fans @ 150 hp each - 300 hp x 2550 btu/hr-hp = 765,000 BTU/hr)
0	Burner Fuel Tank - 30,000 gallons
0	Diesel Fuel Tank - 500 gallons
0	Diesel Fuel Tank for Mobile Equipment - 10,000 gallons
0	Diesel Fuel Tank for Mobile Equipment - 5,000 gallons

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. 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.
3. The owner/operator shall notify the District Stationary Sources Section 10 days prior to operation of this facility.
4. 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.
5. 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.
6. 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.
7. Conveyors and transfer points shall either be fully covered or the Materials processed shall contain sufficient natural or added moisture to ensure compliance with all applicable District Rules such as those in Regulation IV. Sufficient water and equipment to properly wet the material being processed shall be maintained in operable condition on-site.
8. Materials processed by equipment delineated above shall contain at a minimum 2.0% moisture. The moisture content of the aggregate material shall be analyzed monthly according to material moisture test ASTM C566-97. Sample location shall be representative of all aggregate fed through system as per site-specific sampling plan.

9. This facility shall not operate more than 12 hours per day, 5 days per week, 52 weeks per year.
10. This equipment is limited to a total of 500 operating hours per calendar year.
11. This asphalt plant shall be restricted to a maximum of 400 tons/hour, 4,800 tons per day, and 150,000 tons per year of finished product.
12. This asphalt plant shall not process recycled asphalt pavement material.
13. This equipment 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.
14. This asphalt plant may not process recycled asphalt pavement materials.
15. Emissions from this facility shall not exceed the following emission limits, based on a rolling 12 month summary:
 - a. NOx - 24.9 tons/year
 - b. PM10 - 14.9 tons/year
16. 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.
17. This hot mix asphalt plant, including the rotary dryer and mineral storage silos load-out chutes, shall not be operated unless it is vented to a functioning air pollution control device under valid District Permit C010233.
18. This hot mix asphalt plant shall not be operated unless the truck loadout is vented to a properly functioning integral Blue Smoke Control device (integral to C010234).
19. Emission compliance testing for this device is to be conducted indirectly by conducting tests on the associated baghouse emission control device operating under District Permit C010233.
20. 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.
21. A daily production and operation log shall be maintained current and on-site for two (2) years, and shall be provided to District personnel upon request. This log shall contain, at a minimum:
 - a. Daily tonnage of shipped product;
 - b. Monthly tonnage of shipped product;
 - c. Yearly (Calendar Year) tonnage of shipped product; and
 - d. Monthly diesel usage; and
 - e. Yearly (Calendar Year) diesel usage
 - f. Sulfur content of each fuel delivery.
22. Electrical power for this facility shall only be provided by grid power or by an engine (or engines) with a valid District permit except for 364 days from the date of initial operation (which was June 3, 2008 and ending on June 2, 2009) when an engine with a valid CARB registration (PERP) may be used.

23. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, on a yearly base, which is to be received by the District no later than April 30 of each year. PM-10 emissions shall not exceed 14.9 tpy, and NOx emissions shall not exceed 24.9 tpy.

24. This facility shall be maintained and operate in compliance with all applicable District Rules and Federal New Source Performance Standards (NSPS) 40 CFR 60, Subpart I; Standards of Performance for Hot Mix Asphalt Facilities.

In the event of conflict between these Permit Conditions, District Rules, and the NSPS, the more stringent requirement(s) shall govern.

25. The owner/operator shall conduct an initial compliance test per NSPS Subpart I requirements, including particulate matter (USEPA Method 5 or equivalent) and opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (transfer point or other) associated with this equipment. The initial compliance test must be conducted within 60 days of achieving maximum production but not later than 180 days after initial startup.

26. The owner/operator shall conduct all required compliance (initial and routine) tests in accordance with a District-approved test plan. Thirty (30) days prior to the compliance/certification tests the o/o shall provide a written test plan for District review and approval. Written notice of the compliance/certification test shall be provided to the District ten (10) days prior to the tests so that an observer may be present. A written report with the results of such compliance/certification tests shall be submitted to the District within forty-five (45) days after testing

27. This equipment shall not be operated closer than 1000 feet from the outer boundary of the nearest school (K-12).

28. This plant shall not be operated within the Federal Ozone Non-attainment Area of the MDAQMD until compliance with Rule 1157 is demonstrated.