



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

B004227

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: JULY 2026

OWNER OF OPERATOR (Co.#753)

Crawford Associates
 2635 E Chanslorway Ave
 Blythe, CA 92225

EQUIPMENT LOCATION (Fac.#1457)

Crawford Associates
 7 miles N on Hwy 95 from Chanslorway Facility
 Blythe, CA 92225

Description:

AGGREGATE PLANT consisting of: Year Construction - 2010: The design throughput at choke point 125 tph.

EQUIPMENT

Capacity	Equipment Description
0	Feed Hopper - Aggregate Plant
50	Reuter K.P.I. - V.G.F.
20	Conveyor - Raw Material Feed 3' x 60'
150	Telsmith 44SBS Cone Crusher
3	Oil Cooler Motor
20	Conveyor - Shaker Feed Belt
20	Shaker
5	Conveyor - Under Shaker
15	Conveyor - Return belt
20	Conveyor - Base Belt 2'6" x 80'
7.5	Conveyor - Leach Rock Belt 2' x 24'
20	Conveyor - Produce Belt 2'6" x 60' to Wash Plant
0	Feed Hopper - Wash Plant
15	Reuter K.P.I. - V.G.F.

Fee Schedule: 1 (c)

Rating: 570.5 bhp

SIC: 1429

SCC: 30502510

Location/UTM(Km):
 725E/3273N

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.

Crawford Associates
 P.O. Box 807
 Blythe, CA 92225

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

Capacity	Equipment Description
20	Conveyor - Feed Belt 2' 6" x 80
70	Trio Trio Twin 44" x 32' Fine Material Washer
5	Conveyor - Sand Product 2' x 30'
20	Conveyor - Sand Stacker 2'6" x 80'
50	JCI 6' x 20' Wet Screen
20	Conveyor - 1" Product 2'6" x 80'
10	Conveyor - 3/8" Pea Rock 2' x 60'
10	Conveyor - 5/16" Chip 2' x 60'
20	Conveyor - 3/4" Product 2'6" x 60'

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below. This equipment shall be properly maintained and kept in good operating condition at all times.

[District Rule 204]

2. An initial performance test is required pursuant to 40 CFR 60.11 and 40 CFR 60.675, since this Facility was constructed and modified after April 22, 2008, it must meet the opacity limits found below and in Condition #12. This test must be conducted using EPA Method 9 and meet all requirements listed below. For purposes of determining initial compliance, the minimum total time of observations shall be 3 hours (thirty 6-minute averages) for the performance test or other set of observations (meaning those fugitive-type emission sources subject only to an opacity standard). This test must be completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after permit issuance.

- a) Twelve (12) percent opacity from the crusher; and,
- b) Seven (7) percent opacity from all transfer and fugitive emission points.

Equipment subject only to an opacity standard:

- i) Cone Crusher
- ii) Conveyor Belts
- iii) Screening Operations

[40 CFR 60.672(b): Applicability; 40 CFR 60.11(b): Test conductance; 40 CFR 60, Subpart OOO, Table 3: Opacity limits; 40 CFR 60, App. A-4: EPA Method 9]

3. 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 with all applicable rules and regulations, including but not limited to: District Rules 401, 402, and 403, and 40 CFR 60, Subpart OOO.

[District Rule 204; District Rule 401; District Rule 403; 40 CFR 60, Subpart OOO]

4. The equipment comprising this stationary aggregate plant can not be relocated without submitting a written request to the MDAQMD and receiving written approval from the MDAQMD.

[District Rule 204; District Rule 1320]

5. Existing equipment can not be replaced and new equipment can not be added without submitting an application to the MDAQMD and receiving a new Permit from the MDAQMD.

[District Rule 204; District Regulation XIII]

6. The owner/operator shall perform quarterly moisture content testing to confirm that the moisture content is at least three (3) percent. The moisture content of the aggregate material shall be analyzed according to material moisture test ASTM C566-97.

[District Rule 204; District Rule 1302; District Rule 1303(A): Daily BACT]

7. This equipment shall not process more than 1,360 tons of material per calendar day.

[District Rule 1303(A): Daily BACT]

8. This equipment shall not process more than 260,000 tons of material per year, defined as in any consecutive 12-month period.
[District Rule 1303(B): Offsets]

9. A Facility log shall be maintained on-site for at least five (5) years and made available to District personnel upon request. This log shall contain, as a minimum:

- a) The number of hours operated each operating day;
- b) Tons of material processed per each calendar day that the Facility operated;
- c) Tons of material processed per calendar month;
- d) Tons of material processed in each consecutive 12-month period;
- e) Results of the quarterly moisture content tests in accordance with Condition #6;
- f) Opacity results from fugitive emission points in accord with Condition #10 and/or Condition #12, below; and,
- g) Maintenance, break down, and monthly inspection records associated with all water spray systems in accordance with Condition #11, below.

[District Rule 204; District Rule 1302; 40 CFR 60.676]

10. The owner/operator will periodically monitor to confirm the presence or absence of opacity from fugitive emission points according to the following methodology:

- (i) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with USEPA Method 22. The test must be conducted while the affected source is in operation.
- (ii) 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.
- (iii) If no visible emissions are observed during the 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 Method 22 test, the owner or operator is required to:

- a) Immediately shut down operations, identify the cause of fugitive emissions, and expediently fix the issue;
- b) Comply with Condition #12 by quantifying and documenting the emissions;
- c) Upon restarting production, the Facility is required to perform and document a subsequent Method 22 to verify compliance and demonstrate that the issue has been resolved; and,
- d) Resume Method 22 testing of the affected unit on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

[District Rule 401(E); 40 CFR 60, App. A-7: EPA Method 22]

11. Water sprays shall be used at conveyor points of charge and discharge, crushers, feeders, and screen, to control fugitive emissions. Through the use of water sprays, a minimum moisture content of three (3) percent shall be maintained throughout the rock plant. The owner/operator must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. Corrective action must be initiated within 24 hours and corrective action must be completed 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

[District Rule 204; District Rule 401; District Rule 403; District Rule 1303(A): Daily BACT; 40 CFR 60.674(b)]

12. This equipment shall not discharge into the atmosphere fugitive emissions exhibiting greater than the following:

- a) Twelve (12) percent opacity from the crusher; and,
- b) Seven (7) percent opacity from all transfer and fugitive emission points.

The fugitive emissions must be determined according to the following:

- i) Compliance with opacities above shall be verified via initial compliance test in accordance with Condition #2.
- ii) The duration of the Method 9 must be 30 minutes (five 6-minute averages).
- iii) Method 9 is a quantitative method whereas Method 22 is qualitative; if fugitive emissions are identified through monthly inspections using Method 22 as specified in Condition #10 then those fugitive emissions must be quantified with Method 9 and comply with the limits of this condition. EPA Method 9 details may be found in 40 CFR 60, Appendix A-4.
- iv) Since this Facility is controlled by water carryover from upstream water sprays that are inspected according to the requirements of Condition #11, this Facility is exempt from this 5-year repeat testing requirement.

[40 CFR 60.672(b): Applicability; 40 CFR 60.675(c)(3): Test conductance; 40 CFR 60, Subpart OOO, Table 3: Opacity limits; 40 CFR 60, App. A-4: EPA Method 9]

13. This Facility shall not emit more than 11.9 tons per year of PM10 and not more than 19.9 tons per year of NOx or VOC.
[District Rule 1303(B): Offsets]

14. Facility-wide emissions of Federal Hazardous Air Pollutants or HAP, as listed in Section 112(b) of the Federal Clean Air Act (CAA), shall not exceed 7.9 tons per year for any single HAP and 19.9 tons per year for any combination of HAPs.
[District Rule 204; District Rule 1201(S): Definition of a Major Source]

15. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60, Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants. In the event of conflict between Permit conditions and the requirements of 40 CFR 60 Subpart OOO, the most stringent shall govern.
[District Rule 204; District Rule 401; District Rule 402; District Rule 403; 40 CFR 60, Subpart OOO]

16. 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; 17 CCR 93400 et seq.; 40 CFR 51, Subpart A]