



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA92392-2310
 760.245.1661 -- 800.635.4617 -- FAX760.245.2022

AUTHORITY TO CONSTRUCT

B015204

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: SEPTEMBER 2025

OWNER OF OPERATOR (Co. #3048)

Southwest Crushing Unlimited, Inc.
 P.O. Box 38
 Los Alamitos, CA90720

EQUIPMENT LOCATION (Fac. #4493)

Southwest Crushing Unlimited - Air Expressway
 15650 Air Expressway
 Victorville, CA92392

Description:

CRUSHING AND SCREENING PLANT, PORTABLE consisting of: An Astec FT4250 Track mounted crushing system. portable crushing and screening plant which includes the following; one (1) vibrating grizzly feeder, one (1) impact crusher, one (1) 48" under crusher conveyor, one (1) 2-deck screen, one (1) 24" underscreen conveyor, one (1) 18" recirculating return conveyor. This equipment is powered by an affixed 440 bhp CAT C13 Tier 4 Final DICE that is registered under CARB's DOORS program.

EQUIPMENT

Capacity	Equipment Description
0	Vibrating Grizzly Feeder
0	Impact Crusher - HSI
0	Under Crusher Conveyor
0	2-Deck Screen
0	48" Underscreen Conveyor
0	18" Return Conveyor
0	DOORS Registered CAT C13 440 hp Tier 4 Final DICE

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise

Fee Schedule: 1 (c) Rating: 440bhp SIC: 1499 SCC: 30504001 Location/UTM(Km): 470E/3825N

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.

Southwest Crushing Unlimited, Inc.
 dba Southwest Wear Parts Company, Inc

 Los Alamitos, CA90720

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

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rules 1303 and 1320]

1.This equipment shall be installed, operated and maintained in strict accordance 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 Rules 1303 and 1320]

2.This equipment shall be powered by an internal combustion diesel engine with a valid DOORS program registration.
[District Rules 1302 and 1320]

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[District Rules 1302 and 1320]

3.Throughput processed by this equipment shall not exceed 800,000 tons per year.
[District Rules 1303 and 1320]

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[District Rules 1303 and 1320]

4.This equipment must be equipped with a fully operational water spray system at all transfer points, the crusher, the screen and otherwise as necessary to observe the opacity limits specified in this permit. The equipment shall not be operated unless the water spray system is operating properly.
[40 CFR 60 Subpart OOO Section 60.672, District Rule 1303]

4.This equipment must be equipped with a fully operational water spray system at all transfer points, the crusher, the screen and otherwise as necessary to observe the opacity limits specified in this permit. The equipment shall not be operated unless the water spray system is operating properly.
[40 CFR 60 Subpart OOO Section 60.672, District Rule 1303]

5.Through the use of water sprays, a minimum moisture content of two (2%) percent shall be maintained throughout the process. 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.
[District Rules 1303 BACT and 1320]

5.Through the use of water sprays, a minimum moisture content of two (2%) percent shall be maintained throughout the process. 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.
[District Rules 1303 BACT and 1320]

6.The owner or operator must perform monthly inspections to verify that high pressure water is properly flowing through all discharge spray nozzles in the wet suppression system. The owner/operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if they find that water is not flowing properly during such inspections. The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook.
[40 CFR 60.674 (b)]

6.The owner or operator must perform monthly inspections to verify that high pressure water is properly flowing through all discharge spray nozzles in the wet suppression system. The owner/operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if they find that water is not flowing properly during such inspections. The owner/operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook.
[40 CFR 60.674 (b)]

7.This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity during any one hour (ten 6-minute averages) greater than:

- a. Twelve (12) percent opacity from the crusher;
 - b. Seven (7) percent opacity from all transfer points and fugitive emission points
- [40 CFR 60 Subpart OOO Section 60.672]

7.This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity during any one hour (ten 6-minute averages) greater than:

- a. Twelve (12) percent opacity from the crusher;
 - b. Seven (7) percent opacity from all transfer points and fugitive emission points
- [40 CFR 60 Subpart OOO Section 60.672]

8.The owner/operator shall conduct an initial compliance test per 40 CFR 60, Subpart OOO requirements, including 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 no later than 180 days after modification of the permit. Compliance test shall be carried out in accordance with the test methods defined in 40 CFR 60, Subpart OOO, Section 60.675 and the District Compliance Test Procedural Manual.

The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test.

[40 CFR 60 Subpart OOO Section 60.675]

8.The owner/operator shall conduct an initial compliance test per 40 CFR 60, Subpart OOO requirements, including 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 no later than 180 days after modification of the permit. Compliance test shall be carried out in accordance with the test methods defined in 40 CFR 60, Subpart OOO, Section 60.675 and the District Compliance Test Procedural Manual.

The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test.

[40 CFR 60 Subpart OOO Section 60.675]

9.The o/o will periodically monitor 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 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.

[40 CFR 60 Subpart OOO Section 60.672 and District Rule 1303]

9.The o/o will periodically monitor 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 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.
[40 CFR 60 Subpart OOO Section 60.672 and District Rule 1303]

10.The o/o shall maintain a current, on-site operations log for a minimum of 2 years and shall provide this log to District personnel upon request. The log shall include the following information at a minimum:

- a. Weekly water spray system inspection records required by condition 6;
- b. Maintenance and break down records associated with all water spray systems;
- c. Records of 40 CFR 60, Subpart OOO initial compliance testing required by condition 8; and, Date of operation
- d. Number of hours operated on that date
- e. Amount of aggregate produced on that day in tons
- f. Rolling 12 month sum of aggregate produced in tons/year

[District Rule 1303]

10.The o/o shall maintain a current, on-site operations log for a minimum of 2 years and shall provide this log to District personnel upon request. The log shall include the following information at a minimum:

- a. Weekly water spray system inspection records required by condition 6;
- b. Maintenance and break down records associated with all water spray systems;
- c. Records of 40 CFR 60, Subpart OOO initial compliance testing required by condition 8; and, Date of operation
- d. Number of hours operated on that date
- e. Amount of aggregate produced on that day in tons
- f. Rolling 12 month sum of aggregate produced in tons/year

[District Rule 1303]

11.The owner/operator shall notify the District within 24 hours of this equipment operating at each new location within the District. Notification must be sent electronically to engineering@mdaqmd.ca.gov. The notification must include:

- a. The permit number.
- b. The location/address where the equipment will be operated and description of the project.
- c. The contact information of the owner/operator of the equipment.

[District Rule 204]

11.The owner/operator shall notify the District within 24 hours of this equipment operating at each new location within the District. Notification must be sent electronically to engineering@mdaqmd.ca.gov. The notification must include:

- a. The permit number.
- b. The location/address where the equipment will be operated and description of the project.
- c. The contact information of the owner/operator of the equipment.

[District Rule 204]

12.Roadways, work areas, stock piles and materials processed by equipment shall contain sufficient and/or added moisture to ensure compliance with District rules 401, 402 and 403. Sufficient water and equipment in operable condition shall be maintained on-site and used as necessary to ensure compliance with these rules.
[District Rules 401, 402 and 403]

12.Roadways, work areas, stock piles and materials processed by equipment shall contain sufficient and/or added moisture to ensure compliance with District rules 401, 402 and 403. Sufficient water and equipment in operable condition shall be maintained on-site and used as necessary to ensure compliance with these rules.
[District Rules 401, 402 and 403]

13.This facility shall operate in compliance with the Federal Clean Air Act and specifically those provisions as outlined in the Code of Federal Regulations, Part 60, Chapter I, Title 40, Subpart OOO, which delineates the Standards of Performance for Non-Metallic Mineral Processing Plants.

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14.This portable equipment shall not be operated closer than 1,000 feet from the outer boundary of the nearest school (K-12).
[Health and Safety Code Section 42301.6]

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[Health and Safety Code Section 42301.6]

15.This equipment cannot be operated at the same location (job site) for more than 365 consecutive days. This equipment must be moved for a valid business purpose annually.
[District Rules 1303 and 40 CFR 60 Subpart OOO]

15.This equipment cannot be operated at the same location (job site) for more than 365 consecutive days. This equipment must be moved for a valid business purpose annually.
[District Rules 1303 and 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. If this equipment processes materials for another company (stationary source) owned and operated by a separate entity with a separate Federal Tax ID number, then emissions produced by this equipment under this permit must be reported in the CEI for that stationary source
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A & District Rule 1303 - basis: offsets]

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[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A & District Rule 1303 - basis: offsets]