



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

B013813

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: JUNE 2024

OWNER OF OPERATOR (Co.#2099)

SLS & N Inc.
128 East Live Oak Avenue
Monrovia, CA 91016

EQUIPMENT LOCATION (Fac.#3852)

SLS & N Inc.
Various Locations
MDAQMD, CA 92392

Description:

CRUSHING AND SCREENING PLANT, MOBILE consisting of: A mobile 400 ton per hour crushing and screening plant consisting of four (4) systems: System 1 (KPI-JCI jaw crusher system, model no. TF2650): One (1) vibrating grizzly feeder (w/integral hopper), one (1) Vanguard 2650 jaw crusher, and associated conveyors. Powered by one (1) DOORS registered (EIN no. RE4K78) 560 hp (serial no. CS900716) Caterpillar model C2.2 engine, manufactured in 2014. System 2 (KPI-JCI Model no. FT6203CC Triple-deck screening system): One (1) triple-deck screen (w/integral hopper) and associated conveyors. Powered by one (1) DOORS registered (EIN no. CR8M49) 100 hp (serial no. PE4045H640924) John Deere engine, manufactured in 2010. System 3 (KPI-JCI cone crusher system, model no FT300): One (1) cone crusher and associated conveyors. Powered by one DOORS registered (EIN no. FX4Y38) 440 hp (serial no. LGK05145) Caterpillar model C13 engine, manufactured in 2009. System 4 (Radial stacker): One (1) radial stacker, powered by one DOORS registered (EIN no. TD8M56) 49 hp (serial no. C6M05297) Caterpillar model C2.2 engine, manufactured in 2014. This engine is exempt from permitting, per MD Rule 219(E)(2)(a). NOTE: This equipment is permitted to operate as one continuous circuit, and individual systems may NOT be run independently. This equipment is permitted to operate at various locations within the MDAQMD's jurisdiction.

EQUIPMENT

Capacity	Equipment Description
560	KPI-JCI Jaw Crusher System, model no. TF2650, consisting of a vibrating grizzly feeder (w/integral hopper), Vanguard 2650 jaw crusher, and associated conveyors. Powered by one DOORS registered (EIN no. RE4K78) 560 hp (serial no. CS900716) engine.
100	KPI-JCI Screening System, model no. FT6203CC, consisting of a triple-deck screen (w/integral hopper) and associated conveyors. Powered by one DOORS registered (EIN no. CR8M49) 100 hp (serial no. PE4045H640924) engine.

Fee Schedule: 1 (d)

Rating: 1149 bhp

SIC: 1442

SCC: 30504034

Location/UTM(Km):
470E/3818N

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.

SLS & N Inc.
128 East Live Oak Avenue

Monrovia, CA 91016

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

Capacity	Equipment Description
440	KPI-JCI Cone Crusher System, model no FT300, consisting of a cone crusher, and associated conveyors. Powered by one DOORS registered (EIN no. FX4Y38) 440 hp (serial no. LGK05145) engine.
49	One radial stacker, powered by one DOORS registered (EIN no. TD8M56) 49 hp (serial no. C6M05297) engine. This engine is exempt from permitting, per MD Rule 219(E)(2)(a).

CONDITIONS:

1. This equipment must be installed, operated, and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles to produce the minimum emissions of contaminants. Unless otherwise noted, this equipment must also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rules 1302(C)(2)(a)]

2. Annual (rolling 12 month sum) throughput must not exceed 1,460,000 tons in any consecutive 12 month period. Daily throughput must not exceed 4,000 tons. Emissions in excess of these limitations will initiate BACT review.
[District Rules 1303 and 1320]

3. A calibrated and non-resettable weigh belt must be installed to ensure the daily throughput limit is not exceeded. If this weigh belt becomes inoperable, the entire plant must be shut down immediately and the weigh belt must be repaired and returned to fully functional service prior to restarting the plant: No material shall be processed without being properly weighed with this weigh belt.
[District Rules 204 and 1303; District Regulation XII]

4. This facility must not emit more than 14.9 tons of PM10 in any consecutive twelve month period to remain below the offset threshold. The owner/operator must contact the District prior to increasing throughput to ensure this limit is not exceeded.
[District Rules 1302 and 1303]

5. Water sprays or dust suppression mechanisms/systems must be used to control fugitive emissions from this operation. Through the use of water sprays, a minimum moisture content of one and one half percent (1.5%) shall be maintained throughout the plant. The owner/operator must perform quarterly moisture content testing from random locations throughout the plant (belts, storage piles, etc.) and no additional water may be added to the samples prior to collection. This testing shall be conducted in accordance with ASTM C566-19. District inspectors may require additional samples be taken and tested during inspections if dusting is noticed.
[District Rules 1302 (C)(2)(a) and Rule 204]

6. The owner/operator must perform monthly inspections of all wet suppression systems to verify that water is properly flowing through all discharge spray nozzles. The o/o 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 inspection of water spray nozzles. 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 facility log.
[40 CFR 60.674 (b), District Rule 1302]

7. The owner/operator shall ensure roadways, work areas, stockpiles, and materials being processed are kept wet 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 Rules 401, 403, 1303]

8. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity greater than the following:
(a) Twelve percent (12%) opacity (6 minute rolling average) from the crushers; and,
(b) Seven percent (7%) opacity (6 minute rolling average) from all screening operations, transfer points and fugitive emission points. Emissions from initial Truck/Loader dumping into the initial crusher are not included in this requirement.
[40 CFR 60.672(b) and (d); Table 3 to 40 CFR 60, Subpart OOO]

9. The owner/operator must 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 (crusher, screen, and transfer point or other) associated with this equipment. The initial compliance test must be conducted within 60 days of achieving full production rate but in no case later than 180 days following initial startup. Compliance test shall be carried out in accordance with the test methods defined in 40 CFR

60.11, 40 CFR 60, Subpart OOO, Section 60.675, and the District Compliance Test Procedural Manual.
[40 CFR 60.672]

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. All compliance/certification test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.

10. The owner/operator must conduct USEPA Method 22 Visible Emissions Observations on each crusher, screen, and material transfer point on a monthly basis while the plant is in operation. Each observation shall be conducted for a minimum of 6 minutes. If any dusting is observed, the o/o shall take appropriate measures to control the dust such as wet suppression control or discontinue operation until the unit can operate without dusting. As an alternative, if dusting is observed, a full USEPA Method 9 Visible Emissions Evaluation (VEE) may be conducted to ensure compliance with the opacity limitations set forth in condition 8.
[40 CFR 60.672(b) and (d); Table 3 to 40 CFR 60, Subpart OOO and District Rules 204 and 1302]

11. A facility log must 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) Total tons of product processed per day and per each consecutive twelve-month period;
- (b) Date and results of each quarterly moisture content test required by condition 5;
- (c) Water spray system inspection records, including testing dates and any corrective actions taken, as required by condition 6;
- (d) Maintenance and break down records associated with all water spray systems, as required by condition 6;
- (e) Records of 40 CFR 60, Subpart OOO initial compliance testing required by condition 9;
- (f) Results of all monthly USEPA Method 22 observations and Method 9 Evaluations (if required) required by condition 10; and
- (g) Dates and locations, in decimal degrees of latitude and longitude with a minimum of 4 decimal places accuracy, of equipment operation within the District.

[District Rules 204 and 1302]

12. The District shall be notified at a minimum of five (5) District working days prior to operation of this equipment at any location. Notifications must be submitted via email to reporting@mdaqmd.ca.gov. At a minimum, the notification shall include the following:

- a. Date(s) of operation;
- b. Address of operation; and
- c. Contact information.

[District Rule 1320 - NSR for Toxic Air Contaminants]

13. This equipment shall not be operated closer than:?

- (a) 1000 feet (304 meters) from any Critical Receptor, defined as a School K-12 or Health Care Facility. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met, and; ?
- (b) 1640 feet (500 meters) from any residence.

[District Rule 1320, CH&SC 42301.6 Permit Approval: Powers & Duties of APCO]?

14. Equipment breakdowns, as defined within District Rule 430, shall be reported in accordance with District Rule 430.

[District Rule 430]

15. This equipment must 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 more stringent requirements shall govern.

[District Rule 204]

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; and 40 CFR 51, Subpart A]