MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

RENEWAL

B013401

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#84)

NTC - Public Works
Bldg 602, 5th Street
Fort Irwin, CA 92310

EQUIPMENT LOCATION (Fac.#589)

NTC Training Mission
Bldg. 602, 5th street
Fort Irwin, CA 923105085

Description:
AGGREGATE CRUSHING AND SCREENING PLANT consisting of: A 300 ton per hour rock crushing and screening plant. The diesel engines originally installed on these units do not meet California's Stationary ATCM for Diesel Engines and cannot be used. Power for this plant must be provided from normal line power or by District permitted stationary IC Engine powered generators:

EQUIPMENT

Capacity	Equipment Description
200	Cedarapids 3042 Primary Jaw Crusher, s/n 42984.
15	Cedarapids PSF-12 Surge Bin Feeder, s/n 46298
300	Cedarapids 1145 Secondary Cone Crusher and Screening Plant, s/n 42J0391
5	Conveyor, Jaw Crusher to Surge Bin
10	Stackers, Screening Plant to Stockpiles (Qty = 2)

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 Rule 1302(C)(2)(a)]

Fee Schedule: 1 (c) | Rating: 530 bhp | SIC: 9711 | SCC: 30502001 | Location/UTM(Km): 529E/3902N

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.

NTC - Public Works
Attn: Air Resources Manager

Fort Irwin, CA 92310

By: **COPY**
Brad Poiriez
Executive Director

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2. This equipment must be powered by either line power or by a District-permitted generator.
[District Rules 1302 and 1320]

3. Annual throughput must not exceed 300,000 tons in any 12 consecutive month period.
[District Rule 1303]

4. Water sprays or dust suppression mechanisms/systems must be used at all 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 percent (2.0%) 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 C566-13. District inspectors may require additional samples be taken and tested during inspections if dusting is noticed. These inspections are not required during periods when the equipment is not operating for the entire quarter.
[District Rules 1302 (C)(2)(a) and Rule 204]

5. This equipment must not discharge into the atmosphere an exhaust stream that exhibits 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]

6. The owner/operator must perform monthly inspections of all wet suppression systems to verify that high pressure water is properly flowing through all discharge spray nozzles. 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 facility log required by condition 13. These inspections are not required during periods when the equipment is not operating for the entire month.
[40 CFR 60.674(b)]

7. 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 (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

8. The owner/operator must conduct USEPA Method 22 Visible Emissions Observations on a weekly basis while the plant is in operation. If any dusting is noticed, a full USEPA Method 9 Visible Emissions Evaluation (VEE) shall be conducted.
[District Rules 204 and 1303; 40 CFR 60, Subpart OOO]

9. A facility log must be maintained on-site for at least three (3) years and made available to District personnel upon request. This log shall contain, as a minimum:
a. Total tons of product produced per month and per each consecutive twelve-month period;
b. Date and Results of each quarterly moisture content test required by condition 4;
c. Monthly water spray system inspection records required by condition 6;
d. Maintenance and break down records associated with all water spray systems;
e. Records of 40 CFR 60, Subpart OOO initial compliance testing required by condition 7; and,
f. Results of all weekly USEPA Method 22 observations and Method 9 Evaluations required by condition 8 (if any).

[District Rules 204 and 1302; 40 CFR 60.676]

10. In the event of any equipment malfunction or breakdown as defined in District Rule 430, the event must be reported to the District within one hour.
[District Rule 430]

11. Roadways, work areas and stockpiles must be kept wetted to control fugitive dust. Equipment to properly wet the material being processed must be maintained in operable condition, on-site, and used as necessary to assure compliance. This does not include the haul roads outside of a fenced facility.
[District Regulation IV]

12. 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]

13. This equipment shall not process any Hazardous Air Pollutant (HAP) containing material.
[District Rules 1302 and 1320]

14. This entire facility (MDAQMD Facility no. 589 - NTC - Dir. of Public Works, Mission Related) shall not emit any regulated air pollutant or any pollutant listed under section 112(b) of the Clean Air Act listed below in excess of the following limits in any consecutive 12 month period to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold:

a. Oxides of Nitrogen (NOx): 20 tons per consecutive twelve (12) month period, measured as NO2;
b. Oxides of Sulfur (SOx): 20 tons per consecutive twelve (12) month period;
c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve (12) month period;
d. Carbon Monoxide (CO): 80 tons per consecutive twelve (12) month period;
e. Hydrogen Sulfide (H2S): 8 tons per consecutive twelve (12) month period;
f. Lead (Pb): 0.48 tons per consecutive twelve (12) month period; and,
g. Particulate Matter 10 microns and less (PM10): 12.0 tons per consecutive twelve (12) month period;
h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve (12) month period; and,
i. All HAPs combined: 20 tons per consecutive twelve (12) month period.

For the purposes of implementation of the Title I (Part D) Nonattainment New Source Review (nonattainment NSR), Title I (Part C) Prevention of Significant Deterioration (PSD), and Title V Operating Permit Programs under the Clean Air Act, Facility refers to a stationary source, or group of stationary sources that are located on one or more contiguous or adjacent properties that are owned, operated, supervised, or controlled by one or more Department of Defense (DoD) component(s) that were disaggregated during the course of major source determination(s), based upon appropriate industrial groupings and support facility relationships. Compliance with these limits shall be demonstrated through the submission of an installation-wide Comprehensive Emission Inventory (CEI) for all emitted regulated air pollutants or any pollutant listed under section 112(b) of the Clean Air Act (including 12 month emissions summary). Exceedance of these emission limits may trigger offsets, BACT, and/or require submission of a Title V permit application.
[District Rules 1302 and 1303, 40 CFR 51.165, 40 CFR 52.21(b), 40 CFR 70.2 and "Major Source Determinations for Military Installations under the Air Toxics, New Source Review, and Title V Operating Permit Programs of the Clean Air Act," memorandum from John S. Seitz, Director, Office of Air Quality Planning and Standards, (Aug. 2, 1996)]

15. This entire facility (MDAQMD Facility no. 589 - NTC - Dir. of Public Works, Mission Related) shall not emit any Hazardous Air Pollutants (HAP) listed in or pursuant to Section 112(b) of the Clean Air Act in excess of the following limits in any consecutive 12 month period to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold:

a. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve (12) month period; and,
b. All HAPs combined: 20 tons per consecutive twelve (12) month period.

For the purposes of determining the applicability of Section 112 air toxics requirements under the Clean Air Act, Facility refers to a stationary source, or group of stationary sources that are located within a contiguous area and under common control. Compliance with these limits shall be demonstrated through the submission of an installation-wide Comprehensive Emission Inventory (CEI) for all

emitted pollutants listed under section 112 (b) (including 12 month emissions summary). Exceedance of these emission limits may trigger National Emission Standards for Hazardous Air Pollutants (NESHAP) or Maximum Achievable Control Technology (MACT) standards.
[40 CFR 63.2]

16. A Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants located at this military installation (including, but not limited to, MDAQMD Facility nos. 589, 2806, 3023, 3280, 3534, and 3903) must be submitted to the District, in a format approved by the District, upon District request. For the purposes of CEI, Facility is defined as every structure, appurtenance, installation, and improvement on land which is associated with a source of air releases or potential air releases of a hazardous material.
[District Rule 107(b), H&S Code 39607, 44304 and 44341-44342]