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

B012438

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: OCTOBER 2027

OWNER OF OPERATOR (Co.#90)

Omya (California) Inc
7299 Crystal Creek Road
Lucerne Valley, CA 92356

EQUIPMENT LOCATION (Fac.#461)

Omya - Main Plant
7299 Crystal Creek Road
Lucerne Valley, CA 92356

Description:
MOBILE LIMESTONE CRUSHING, SCREENING AND STACKING CIRCUIT consisting of: An 800 ton per hour crushing system manufactured by Metso, model number LT125 and serial number 78477, equipped with a model B13-44-2V vibrating feeder, a Nordberg model C125 Jaw Crusher, and a 55 inch wide encapsulated main conveyor. This system is powered by a mobile Caterpillar model C13 Tier 4i diesel engine rated at 415 bhp and registered in the state's DOORS program. An 800 ton per hour screening system manufactured by Metso, model number ST620 and serial number 78475, equipped with a feed hopper, a 19 ft, 8 inch by 5 ft, 11 inch triple-deck screen, a 36 foot long model H12-11 encapsulated lifting conveyor, a 29.5 foot long model H12-9 encapsulated end conveyor, two 26 foot long model H8-8 encapsulated side conveyors, and one 26 foot long model H6.5-8 encapsulated side conveyor. This system is powered by a mobile Caterpillar model C4.4 Tier 4i diesel engine rated at 100 bhp and registered in the state's DOORS program. A 160 foot long by 4 foot wide tracked radial stacker/stockpiler made by The Edge, Inc, model number 8048 and serial number 16RTS8048099. The system is powered by a mobile Deutz Tier 3 diesel engine rated at 75 bhp and registered in the state's DOORS program.

CONDITIONS:

1. 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. 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 204 and 1302]

Fee Schedule: 1 (c)	Rating: 639 bhp	SIC: 1422	SCC: 30504030	Location/UTM(Km): 505E/3805N

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.

Omya (California) Inc
7225 Crystal Creek Rd
Lucerne Valley, CA 92356

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

2. If line power is not available, power for this equipment shall only be provided by an engine with a valid District permit, a valid PERP Registration, or a valid DOORS EIN.
[District Rules 1302 and 1320]

3. This equipment must be equipped with a high pressure water spray system with nozzles at each crusher inlet and outlet, each screen, each conveyor drop point/head pulley, and each radial stacker drop point/head pulley. The water pressure shall be maintained at or above 150 psig measured at the main manifold while operating at maximum flow rate.
[District Rules 1302 and 1303]

4. In the event that the dust control method in Condition #3 does not prevent visible fugitive dust from exterior belt conveyors, then the conveyors must be enclosed sufficiently to cover the top and sides of the material being transferred.
[District Rule 403]

5. The owner or operator must perform weekly 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/operator will periodically monitor opacity from fugitive emission points according to the following methodology:
a. The owner or operator must initially conduct a weekly EPA Method 9 visible emissions evaluation of each affected source. The test must be conducted while the affected source is in operation.
b. If no visible emissions are observed in four consecutive weekly tests for any affected source, the owner or operator may decrease the frequency of testing from weekly to monthly for that affected source. If visible emissions are observed during any monthly test, the owner or operator must resume testing of that affected source on a weekly basis and maintain that schedule until no visible emissions are observed in four consecutive weekly tests.
c. If no visible emissions are observed during the monthly test for any affected source for six months, 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.
[District Rules 1302 and 1303]

7. The equipment under District Permits B012438 and B014960 shall be limited to crushing no more than 350,000 tons of material combined per year, defined as any consecutive rolling twelve month period.
[District Rule 204]

8. Materials processed by this equipment shall contain sufficient moisture to control fugitive dust. For this limestone material, sufficient free moisture means 1.5% or greater. The moisture content of the aggregate material shall be analyzed quarterly and as requested by the District according to material moisture test ASTM C566-13 or a District approved equivalent method, except that the sample weight may be reduced if necessary to match the maximum capacity of the testing equipment. Sample locations shall be representative of material feed throughout the crushing plant.
[District Regulations IV and XIII]

9. Roadways, work areas and stockpiles 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. This does not include the haul roads outside of the fenced facility.
[District Regulation IV]

10. 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 the following;
a. Ten (10) percent opacity from all transfer points, screens and fugitive emission points; and
b. Fifteen (15) percent opacity from all crushers
[40 CFR 60.672]

11. A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, at a minimum:
a. Tons of product produced per month,
b. Tons of product produced per consecutive rolling twelve month period,
c. Results of the quarterly moisture content tests required by Condition 8,
d. Opacity reading results from fugitive emission points required by Condition 6,
e. High pressure water spray system inspection records required by Condition 5, and
f. Dates this equipment is moved from one location to another.
[District Rules 204 and 1302]

12. 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 more stringent requirements shall govern.
[District Rule 204]

13. The facility-wide emissions must be less than the following limitations in each consecutive twelve-month period:

a. 80 tons per year of Carbon Monoxide (CO) per calendar year;
b. 20 tons per year of Oxides of Nitrogen (NOx) per calendar year;
c. 20 tons per year of Volatile Organic Compounds (VOC) per each consecutive twelve-month period;
d. 80 tons per year of Particulate Matter of 10 microns or less (PM10) per calendar year;
e. 20 tons per year of Oxides of Sulfur (SOx) per calendar year;
f. 8 tons per year of any single Hazardous Air Pollutant (HAP) per calendar year; and,
g. 20 tons per year of any combination of HAP per calendar year.

Compliance with these emission limitations must be verified by pollutant-specific emission summaries for each calendar year except for PM-10 which must be verified for each consecutive twelve-month period. These emission summaries must be retained on-site for a minimum period of five (5) years; and, must be made available for review upon request by District, State or Federal personnel.
[District Rules 221(B) and 1201(S)]

In addition, this facility is designated as a Major Source of PM10 under Regulation XIII - New Source Review, as it has a Potential to Emit in an amount equal to or greater than 15 tons per year of PM10; therefore, any new Permit Unit or any Modified Permit Unit at this facility must be fully offset pursuant to District Rule 1303(B).
[District Rules 1301(II) and 1303(B)]

14. This equipment is not to be used to process Hazardous Air Pollutant (HAP) containing materials.
[District Rule 1320]

15. 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]

16. The District shall be notified in writing a minimum of ten (10) days in advance of operating this equipment outside of OMYA's White Knob Quarry, Sentinel Quarry, Amboy Quarry, or Main Plant.
[District Rules 204 and 1302]

17. 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]