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

B014464

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: 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:
RAYMOND MILL - MYMILL (FINE GRINDING AND CLASSIFICATION) consisting of: This mill has a maximum process rate of 5 tons per hour. All equipment capacities the following description are in horsepower (hp).

EQUIPMENT

Capacity	Equipment Description
200	46-015 Mill Drive Motor
100	46-030 Fan
0	46-001 Live Bottom Bin Feed Silo, 30 cubic meters
12	46-002 Fan, Silo Filter
0	46-003 Silo Filter, 2,500 dscfm
0	46-010 Screw Conveyor, 5 ton/hr
0.5	46-045 Grinding Aid Pump
75	46-020 Air Classifier and Motor
0	46-025 Process Filter, 8,800 dscfm
2	46-027 Process Filter Discharge Screw Conveyor
0.75	46-025 Rotary Feeder
100	46-035 Finished Product Blower

Fee Schedule: 1 (c) Rating: 490 bhp SIC: 1422 SCC: 30503812 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

Capacity	Equipment Description
0	46-031 Process Filter Silencer, 8,800 dscfm

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 air 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 Rule 204]

2. This equipment shall not be operated unless vented to properly functioning control equipment under valid District permit C014465 (Process Filter46-025).
[District Rule 1302]

3. This equipment shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
[District Rule 204; 40 CFR 60, Subpart OOO]

4. Roadways, work areas and stockpiles shall be kept wetted to control fugitive dust. This equipment shall not discharge air contaminants or materials constituting a nuisance to any considerable number of persons or to the public. No visible emissions shall extend beyond the property line of the emission source.
[District Rules 401, 402, 403]

5. The Raymond Mill - MyMill Fine Grinding and Classification, which process line includes District PermitsB014464, C014465, T014466, and C014467, shall not process more than 43,680 tons per calendar year.
[District Rule 1302]

6. 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 seven (7) percent opacity from any transfer or fugitive emission point.
[District Rule 1302; 40 CFR Part 60.672(b), Table 3]

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 Part 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.
[District Rule 1302]

8. The owner/operator must conduct quarterly 6-minute visible emissions inspections using EPA Method 22 on each transfer or fugitive emission point. The Method 22 test shall be conducted while the equipment is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner/operator must either cease operation and make all necessary corrections to the system until no further visible emissions are noted OR shall conduct a US EPA Method 9 to verify compliance with Condition 6. If compliance with Condition 6 cannot be verified, owner/operator must initiate corrective action within 24 hours to return equipment to compliance.
[District Rule 1302; Derived from 40 CFR Part 60, Subpart OOO]

9. A facility log must be maintained on-site for at least three (2) years and made available to District personnel upon request. This log shall contain, at a minimum:
a. Production (in tons) on a monthly and cumulative annual basis;
b. Total hours operated on a monthly and cumulative annual basis;
c. A Description of all breakdowns and repairs performed;
d. Records of each performance test conducted; and
e. Date and result of all required US EPA Method 22 visible emissions observations (and US EPA Method 9 VE, as required), and any associated corrective actions taken.
[District Rule 204 and 1302; 40 CFR Part 60.676]

10. In the event of a malfunction of any emissions related part of this mill, the equipment must be shut down as soon as safely possible and shall not be restarted until all malfunctions have been corrected. Equipment breakdowns shall be reported to the District in accordance with District Rule 430.
[District Rules 430 and 1302]

11. This equipment shall not process any HAP-containing materials.
[District Rules 1303 and 1320]

12. 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)]

13. This facility must submit a Comprehensive Emissions Inventory Report (CEIR) to the District in accordance with District CEI Guidelines and in a format approved by the District, on an annual basis.
[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]