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 C014465

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:
PROCESS FILTER, RAYMOND MILL - MYMILL (46-025) consisting of: a Nederman, model GA722/FS722, process filter whose total filter area is 3358 sq ft. Air flow through the unit is 8828 acfm and is provided by a 100 hp motorized blower/fan (2.62:1 air to cloth ratio). This unit serves as a process filter to Raymond Mill, MyMill (B014464).

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 baghouse shall operate concurrently with the equipment described as the Raymond Mill - MyMill (Fine Grinding and Classification) under valid District permit B014464.
[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.

Fee Schedule: 7 (a)	Rating: 1 device	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

[District Rule 204; 40 CFR 60, Subpart OOO]

4. This unit shall be equipped with a device to measure the static pressure differential across the filter bags.
[District Rule 1302]

5. This equipment shall not discharge into the atmosphere PM emissions in excess of 0.032 g/dscm (0.014 gr/dscf).
[District Rule 1302; 40 CFR Part 60.672(a), Table 2]

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 the stack.
[District Rule 1302; 40 CFR Part 60.672(b), Table 2]

7. The owner/operator shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
[District Rule 1303(A)]

8. The owner/operator must conduct quarterly 30-minute visible emissions inspections using EPA Method 22 on the stack from this baghouse. 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 baghouse 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; 40 CFR Part 60.674(c)]

9. The owner/operator must conduct an initial compliance test per 40 CFR 60, Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) and particulate matter concentration (Method 5 or Method 17) from the exhaust stack. 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]

10. 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. Monthly reading of baghouse pressure drop, date and value;
b. Quarterly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
c. Quarterly bag and bag suspension system inspection date and results;
d. Date of bag replacements;
e. Date and nature of any system repairs; and
f. Records of each performance test conducted on this equipment.
[District Rule 1302; 40 CFR Part 60.676]

11. 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)]

12. 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]