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 B015312

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:
DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: A Certified Tier 4f diesel engine, manufactured in 2024. Exhaust flow is approximately 2000 ACFM at 1200 degrees Fahrenheit through a 8-foot high and 0.5-foot diameter exhaust stack.

One Scania, Diesel fired internal combustion engine Model No. DC13 085A and Serial No. TBD, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Selective Catalytic Reduction, Selective Catalytic Reduction, producing 550 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 23.91 gal/hr. This equipment powers a Triton Generator Model No. TP-RS400-T4F and Serial No. TBD, rated at 405 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	2.6	gm/bhp-hr
NOx	0.3	gm/bhp-hr
PM10	0.01	gm/bhp-hr
PM2.5	0.009	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.14	gm/bhp-hr

Fee Schedule: 1 (c) | Rating: 550 bhp | SIC: 1422 | SCC: 30504034 | 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

CONDITIONS:

1. This certified Tier 4F diesel fired internal combustion engine 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 Rule 204 and 1302]

2. This unit shall only be fired on ultra-low sulfur diesel fuel whose sulfur concentration is less than or equal to 0.0015% (15 ppm) per CARB Diesel or equivalent requirements; or alternative diesel fuel or CARB diesel fuel utilizing fuel additives that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.
[Title 17 CCR 93116.3(a)]

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[Title 17 CCR 93116.4(c)(2)(A)]

4. The owner/operator shall maintain an operations and inspection log for this unit, current and on-site (or at a central location), for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
a. Date of each use;
b. Location of each use (decimal degrees, xx.xxxxx, -yyy.yyyyy);
c. Daily, Monthly, and 12 month rolling consecutive total hours of operation, as indicated by the hour meter readings;
d. Records of all inspection, maintenance and/or repair actions performed on the engine, including date and description;
e. Fuel sulfur concentration as required by condition #2 (you may use the supplier's certification of sulfur content if it is maintained as part of this log).
[District Rules 1302 and 1320; 17 CCR 93116]

5. This unit shall not operate within a 1,000 feet of the outer boundary of any facility, resident or off-site receptor. 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.
[H&S Code 42301.6; District Rule 204 and 1320]

6. This engine and its associated equipment cannot be operated at the same location for more than 365 consecutive days. This equipment must be moved for a valid business purpose annually.
[District Rules 1302, 1303, and 1320 and Title 17 CCR 93116.2(a)(29)]

7. 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)]

8. This engine is subject to the requirements of Title 17 CCR 93116, the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater. In the event of a conflict between these conditions and the ATCM, the more stringent requirements shall govern.
[District Rule 1302; Title 17 CCR 93116]

9. This permit was offset by Simultaneous Reduction Credits generated by the shutdown and removal of B000751 - Crushing and Screening Circuit (Sentinel). The equipment specified under permit B000751 must be permanently removed from service prior to the installation and startup on this permit.
[District Rules 1303 and 1305]

10. 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]