



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B012995

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: JUNE 2018

OWNER OF OPERATOR (Co.#2395)

M3 Biodynamics Inc.
4037 Phelan Road, Suite A #163
Phelan, CA 92371

EQUIPMENT LOCATION (Fac.#3781)

M3 Biodynamics Inc.
16552 Beaver Road
Adelanto, CA 92301

Description:

ETHANOL SOLVENT PLANT OIL EXTRACTION SYSTEM, CANNABIS consisting of: a modular laboratory housing a collection of tanks (includes LPG, butane, and ethanol storage), tubes, heaters, scales, pumps, and pressure gauges configured to effectively extract cannabis oils from marijuana plants. Process should take place in an explosion proof room classified as Class 1, Division 1, spark free, with large and rapid air exchange rates; C1D1 rooms are typically used to contain the extraction equipment and have an emergency air intake and exhaust system that can operate at very high air exchange rates, such as 14,000 CFM. These rooms typically employ a continuous airflow system that can operate at 10,000 CFM. The oil extraction process is a solvent (ethanol) based closed loop system.

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 and the oil extraction process shall only take place in the Class 1, Division 1, explosion proof room, as described in the above description. [District Rule 204]
3. The only solvents that can be used in the Oil Extraction process is ethanol. Prior to changing solvent, the owner/operator must apply for a permit modification and have the approved, modified permit before use. [District Regulation XIII]

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 2833

SCC: 3029999

Location/UTM(Km):
459E/3825N

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.

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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

4. A log pertaining to the operation of this equipment must be kept for a period of two (2) years. The last two years' records must be kept on site, and must be made available upon request of District personnel. This log shall contain the following information:

- a. The date and hours of operation each time the Oil Extraction process is ran; and,
- b. Daily, monthly, and calendar year totals of the gallons of solvent used or solvent emitted (recorded in pounds) from the Oil Extraction process; and,
- c. Copies of the Environmental Data Sheet and/or Material Safety Data Sheet (MSDS) for each solvent and material used in the Oil Extraction process.

[District Rule 1302]

5. The owner/operator must take all steps necessary to preclude odor migration from this facility, including but not limited to, odor management system operation, keeping doors and windows closed to the maximum extent possible, isolating odor-emitting activities from other areas of the buildings through closing doors and windows, and operating air filters continuously during cultivation activities.

[District Rule 402]

6. This equipment shall not emit more than 3.5 gallons per day of ethanol solvent.

[District Regulation XIII]

7. This facility shall not consume more than 180 gallons total per month of butane and/or ethanol solvents OR emit greater than 1190 pounds per month VOCs.

[District Rule 442- Usage of Solvents]

8. 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]