



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

B013721

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: JULY 2025

OWNER OF OPERATOR (Co.#1889)

Arakelian Enterprises Inc.
P.O. Box 91918
City of Industry, CA 91715-1918

EQUIPMENT LOCATION (Fac.#3374)

Arakelian Enterprises, Inc. dba American Organics
20055 Shay Road
Victorville, CA 92394

Description:

DIESEL IC ENGINE, PORTABLE, TROMMEL SCREEN consisting of: Unit#1417. McCloskey Model 733RE, Serial 85930, Weight is 80,750 lbs. Equipment is capable of processing and separating green-waste material at a maximum rate of 70 tph. Includes integrated 174 bhp Perkins Diesel fired engine, Model CAT C4.4 Tier 4F, serial number JKT22426. Stack height is 9 feet high, stack diameter is 3 inches in diameter; exhausts at 589.76 cfm at a temperature of 883.58 degrees F. Engine is subject to 13 CCR 2449 and is enrolled in the DOORS program - EIN is AD8F75. Facility Elevation is 2617 feet above sea level. Water Spray System: This unit's water spraying system will utilize 30-45 psi standard water lines connected to a water storage tank. Each Fogg-it brand misting nozzle brass head produces 1/2 GPM of water spray covering an air space area of 18" x 3' each. Nozzles will be cleaned or replaced as needed to prevent clogging from dirt and mineral deposit buildup. Flexible piping will be used to feed water from the water manifold to the nozzles, which will be spaced 18" inches apart. Mist nozzles will be arrayed so that the spray water will cover an air space volume that is approximately 7' x 5' x 16' at the infeed hopper, and 5' x 5' x 3' at the processed material outflow (fines belt discharge). Variable-time spraying is allowed so as to not saturate the equipment or material with too much water; emission reductions do not require a continuous spray. The Fogg-it system must always be in operational condition, and must be in operation when needed to mitigate dust. EMISSIONS RATES: // Pollutant // Emission Factor // Units CO // 0.030 // grams per Kw-hr SOx // 0.0062 // grams per Kw-hr NOx // 0.280 // grams per Kw-hr VOC // 0.010 // grams per Kw-hr PM-10 // 0.020 // grams per Kw-hr ===

CONDITIONS:

1. The owner/operator shall maintain sufficient controls and equipment, on-site, and in operable condition, and use as necessary on material piles, haul roads, and throughout the plant as required, to preclude violations of District rules 401, 402 and 403; these rules pertain to opacity, dust blowing off of the property and nuisance. Examples of controls, in lieu of adding water, are tarps and covers on material piles, to control dusting.

[District Rule 1302]

Fee Schedule: 1 (b)

Rating: 173bhp

SIC: 2875

SCC: 20100102

Location/UTM(Km): 473E/3956N

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.

Arakelian Enterprises Inc.
Attn: Environmental Compliance Dept

City of Industry, CA 91715-1918

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

2.The owner/operator shall maintain sufficient controls and equipment, on-site, and in operable condition, and use as necessary on material piles, haul roads, and throughout the plant as required, to preclude violations of District rules 401, 402 and 403; these rules pertain to opacity, dust blowing off of the property and nuisance. Examples of controls, in lieu of adding water, are tarps and covers on material piles, to control dusting.
[District Rule 1302]

3.This unit shall not be operated unless all water sprays associated with this permitted equipment are in operation.
[District Rule 1303]

4.The owner/operator shall install and maintain, in operational condition, a "Fogg-it" fogging system, which shall be utilized to mitigate dust whenever dusting occurs.

A water truck may also serve as a source of water by connection to the units sprayer and shall be also be used to spray the ground and air all around the facility and equipment in order to mitigate dust.
[District Rule 1303]

5.The owner/operator shall maintain, current and onsite, a log for this equipment for a minimum of two years, and shall be provided to District personnel upon request. The following information shall be recorded:

- a. Dates of operation;
- b. Brief description of types of materials processed;
- c. Weight of material processed, in tons per day, tons per month, tons per year, and a description of the method used for the mass estimate;
- d. Monthly hours of operation, recorded for each 30 day time period, and
- e. Calendar year total hours of operation.

Note: Based on PTE calculations, No operational Limits are imposed at this time.
[District Rule 1302]

6.Visible emissions from this equipment shall not exceed an opacity equal to, or greater than, twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor.
[District Rule 401]

This equipment shall not discharge air contaminants or materials constituting a nuisance to any considerable number of persons or to the public.
[District Rule 402]

Roadways, work areas and stockpiles shall be kept sufficiently moist to control fugitive dust, and no visible emissions shall extend beyond the property line of the emission source.
[District Rule 403]

Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance with this condition.
[District Rule 1302(C)(2)(a)]

7.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]