



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

C011333

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 2026

OWNER OF OPERATOR (Co.#1993)

Church & Dwight Co. Inc
17486 Nisqualli Rd
Victorville, CA 92395

EQUIPMENT LOCATION (Fac.#3294)

Church & Dwight Co. Inc
17486 Nisqualli Rd
Victorville, CA 93535

Description:

PLANT PARTICULATE CONTROL DEVICE consisting of: Manufactured by MAC Process, MAC2flo Cartridge Filter, Model 2M2F24, Pulse Jet Type, measuring 120"x88"x134", equipped with twenty-four (24) cartridges with a total filter/cloth area of 6,096 square feet, generating 14,000 cfm of air flow by a fan rated at 100 bhp and having control efficiency of 99.9%. This air pollution control device has a stack height of 52' and a stack diameter of 1.3' with an ambient exhaust temperature and exhaust velocity of 66.7 feet per second. This equipment also includes a discharge hopper equipped with a bulk bag filling system.

CONDITIONS:

1. The owner/operator shall maintain this equipment 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 air pollution control device shall operate concurrently with the Cat Litter Manufacturing Line covered under valid District permit B011330.
[District Rule 204]
3. The owner/operator shall conduct a minimum program of inspection and maintenance on this air pollution control device inclusive of the following, which shall be maintained current and on-site for two (2) years, and made available upon District request:

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 2899

SCC: 39999998

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.

Church & Dwight Co. Inc
17486 Nisqualli Rd
Victorville, CA 92395

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

- a. Weekly Visible Emission Determinations, date and result, using the following procedures: Ensure that the observer's back is to the sun, or if indoors, the observation spot provides a clear view of the emission point, observe the emission point for a period of one minute, and designate the emission point as "dusting" or "not dusting". If "dusting" is occurring, the owner/operator must conduct a Visible Emission Evaluation using USEPA Method 22 (for a 3-minute observation period), and USEPA Method 9, if necessary, or shut down the equipment immediately until repairs are made.
- b. Weekly differential reading;
- c. Quarterly inspection date and results;
- d. Date of filter replacements; and,
- e. Date and nature of any system repairs.

In addition, the owner/operator shall maintain, on-site, a minimum inventory of replacement bin filters for this equipment that assures compliance with these conditions.

[District Rule 401 - Visible Emissions, District Rule 403 - Fugitive Dust and District 402 - Nuisance, basis: compliance demonstration]

4. This air pollution control device shall be equipped with a functioning pressure differential gauge to measure the pressure differential across the cartridge filters. This unit shall be operated within the pressure differential range defined by the manufacturer (Facility indicated that the working range for the pressure differential gauge is 0.5 and 4 inches of water column). A weekly reading of the pressure differential must be recorded pursuant to condition 3.

[District Rule 401 - Visible Emissions, District Rule 403 - Fugitive Dust and District 402 - Nuisance, basis: compliance demonstration]

5. This air pollution control device shall discharge no more than 0.30 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rule 1303 - NSR Requirements]

6. Dust/particulates collected in this air pollution control device shall be discharged only via the bulk bag filling system into sealed, dust tight bags/totes/sacs to prevent fugitive emissions and nuisance.

[District Rule 401 - Visible Emissions, District Rule 403 - Fugitive Dust and District 402 - Nuisance, basis: compliance demonstration]

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]