



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

C008773

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: SEPTEMBER 2025

OWNER OF OPERATOR (Co.#1531)

Mars Petcare US Inc.
2013 Ovation Parkway
Franklin, TN 37067

EQUIPMENT LOCATION (Fac.#2600)

Mars Petcare
13243 Nutro Way
Victorville, CA 92392

Description:

AIR POLLUTION CONTROL SYSTEM #11 (PROCESS LINE #1 CYCLONES) consisting of: A MAC Model FT CT80 80" D by 18.5' H cyclone equipped with a 2 hp rotary airlock discharge valve and driven by a 75 hp fan generating 9680 cfm of flow serving the Extruder, a MAC Model HE54 54" D by 19.6' H cyclone equipped with a 0.75 hp rotary airlock discharge valve and driven by a 100 hp fan generating 16,050 cfm of flow serving the Dryer, and a MAC Model 1HE36 36" D by 12.8' H cyclone equipped with a 0.75 hp rotary airlock discharge valve and driven by a 50 hp fan generating 8850 cfm of flow serving the cooler and a 1.5 hp fan generating 250 cfm serving a surge hopper, weigh belt feeder and retention holding bin. These three cyclones have 41" D common ductwork and all three vent through a 41" D common exhaust stack which has a design flow of 32,630 cfm. Device is not equipped with an integral manometer. Equipment Elevation is 174 feet; Note: plant floor level = 100'

CONDITIONS:

1. This equipment 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 1302]

1. This equipment 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 1302]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 2047

SCC: 30200804

Location/UTM(Km): 474E/3817N

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.

Mars Petcare US Inc.
Attention: Gregg Elmore

Victorville, CA 92392

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

2.This equipment shall operate concurrently with the extruder, dryer and cooler portions of Process Line #1 (B008780).
[District Rules 204 & 1303]

2.This equipment shall operate concurrently with the extruder, dryer and cooler portions of Process Line #1 (B008780).
[District Rules 204 & 1303]

3.The owner operator shall maintain on-site a minimum inventory of replacement filters for this dust collector that assures compliance with these conditions and District Rules and Regulations.
[District Rule 1303]

3.The owner operator shall conduct a minimum program of inspection and maintenance on this equipment, and maintain current and on-site for five (5) years a log of the following information, which shall be provided to District, State or Federal personnel upon request:
a. Monthly stack observation date and result, using EPA Method 22 (and EPA method 9 if Method 22 detects visible emissions. In lieu of Method 9, owner operator may cease operations until deficiencies contributing to opacity are corrected.);
b. Cyclone system inspection date and results per manufacturer's recommendation, and,
c. Date and nature of any system repairs.
[District Rules 1303]

4.The owner operator shall conduct a minimum program of inspection and maintenance on this equipment, and maintain current and on-site for five (5) years a log of the following information, which shall be provided to District, State or Federal personnel upon request:
a. Monthly dust collector stack observation date and result, using EPA Method 22 (and EPA method 9 if Method 22 detects visible emissions. In lieu of Method 9, owner operator may cease operations until deficiencies contributing to opacity are corrected.);
b. Quarterly filter support system inspection date and results;
c. Date of filter replacements; and,
d. Date and nature of any system repairs.
[District Rules 1303]

4.This air pollution control device shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty (20) percent opacity.
[District Rule 401]

5.This air pollution control device shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty (20) percent opacity.
[District Rule 401]

5.This air pollution control device shall discharge no more than 5.59 pounds per hour of PM10 at a maximum concentration of 0.02 grains/dscf at the operating conditions given in the above description (BACT). 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 Rules 404 and 1303]

6.This air pollution control device shall discharge no more than 5.59 pounds per hour of PM10 at a maximum concentration of 0.02 grains/dscf at the operating conditions given in the above description (BACT). 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 Rules 404 and 1303]

6.The o/o shall conduct compliance tests for PM10 (USEPA Method 5 or equivalent) in accord with the District Compliance Test Procedural Manual. An initial compliance test shall be performed during 2006; subsequent compliance tests shall be performed at least once every sixty (60) months.

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 Rules 1303]

7. The o/o shall conduct compliance tests for PM10 (USEPA Method 5 or equivalent) in accord with the District Compliance Test Procedural Manual. An initial compliance test shall be performed during 2006; subsequent compliance tests shall be performed at least once every sixty (60) months.

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 Rules 1303]

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]

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]