



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

C015368

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: MARCH 2027

OWNER OF OPERATOR (Co.#2499)

North American Recycling and Crushing, LLC
16009 E. Irwindale Blvd.
Irwindale, CA 91702

EQUIPMENT LOCATION (Fac.#1645)

North American Recycling and Crushing, LLC
District Wide
MDAQMD, CA 92392

Description:

BAGHOUSE, VSI CRUSHER consisting of: DCE of Jeffersontown, KY, Model No. DLM V30/15F10, which is described as follows: 20 bags polyester, 20" x 59" each @ 16.16 sqft with a total area of 323 sqft, driven by a 2,000 cfm fan with a pressure drop of 3 to 6" w.g.

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]
2. This baghouse shall operate concurrently with the equipment described in District Permit B015367.
[District Rules 204 & 1303]
3. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than 7 percent opacity.
[Table 2 of 40 CFR 60, Subpart OOO]
4. This baghouse shall have a maximum outlet grain loading of equal to or less than 0.014 grains per dry standard cubic foot.
[40 CFR Part 60, Subpart OOO, Table 2]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1442

SCC: 30502001

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.

North American Recycling and Crushing,
LLC
16009 E. Irwindale Blvd.
Irwindale, CA 91702

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

5. The owner/operator must conduct an initial compliance test per 40 CFR 60, Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) and particulate matter concentration (Method 5 or Method 17) from the exhaust stack. The initial compliance test must be conducted within 60 days of achieving full production rate but in no case later than 180 days following initial startup. Compliance test shall be carried out in accordance with the test methods defined in 40 CFR 60.11, 40 CFR 60, Subpart OOO, Section 60.675, and the District Compliance Test Procedural Manual.
[40 CFR 60 Subpart OOO Section 60.672]

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 Rule 204]

6. The owner/operator must conduct quarterly 30-minute visible emissions inspections using EPA Method 22 on the stack from this baghouse. The Method 22 test shall be conducted while the equipment is operating. The test is successful if visible emissions observed are within opacity limits described in Condition 3. If any visible emissions are observed, the owner/operator must either cease operation and make all necessary corrections to the baghouse until no further visible emissions are noted OR shall conduct a US EPA Method 9 to verify compliance with Conditions 3 and 4. If compliance with Condition 3 cannot be verified, owner/operator must initiate corrective action within 24 hours to return equipment to compliance.
[District Rule 204; 40 CFR 60 Subpart OOO Section 60.674(c)]

7. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for three (3) years a log of the following information, which shall be provided to District personnel upon request:

- Weekly reading of baghouse pressure drop, date and value;
- Quarterly baghouse stack observation date and result, using EPA Method 22 (and EPA method 9 if Method 22 detects visible emissions. In lieu of Method 9, o/o may cease operations until deficiencies contributing to opacity are corrected.);
- Annual bag and bag suspension system inspection date and results;
- Date of bag replacements; and,
- Date and nature of any system repairs.

[District Rules 1303]

8. This baghouse shall be equipped with a device to measure the pressure differential across the bags (manometer).
[District Rule 1303(A)]

9. The o/o shall maintain on-site a minimum inventory of replacement bags for this baghouse.
[District Rule 1302]

10. This equipment shall not be located within 1000 feet of a Kindergarden through 12 School, additionally, the owner/operator shall notify the District a minimum of 10 working days prior to moving this equipment to a new site. Notification shall be via email at reporting@mdaqmd.ca.gov; include equipment permit number, proposed location (address), and contact information. The District must provide concurrence and allowance for each and every location prior to the use of this equipment.
[District Rules 204, 1302 and 1320]

11. This facility shall emit less than the following on a calendar year basis;

- Oxides of Nitrogen (NOx) - 20 tons per consecutive twelve month period,
- Volatile Organic Compound (VOC) - 20 tons per consecutive twelve month period,
- Particulate Matter less than 10 microns (PM10) - 12 tons per consecutive twelve month period, and
- Hazardous Air Pollutants (HAP) - 8 tons for any single HAP and 20 tons for any combination of HAPs per consecutive twelve month period.

Compliance shall be demonstrated to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEIR) or other District approved equivalent method. The report shall be submitted to the District upon request.

Note: These emission limits keeps this facility BELOW SM-80 thresholds and precludes the requirements for Federal reportability.

[District Rules 1302 and 1320]

12. Emission from this equipment is required to be included in the emissions inventory for the permitted facility at which work is being performed. If the equipment operates at a facility not required to have district permits or one that operates under a different SIC code and the processed material is not being fed into that facility's process stream then the emissions shall be reported in an emission inventory for Facility 1645 - North American Recycling and Crushing, LLC.

[District Rule 1320]

13. 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), Health & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]