



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

C012504

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: FEBRUARY 2017**

**OWNER OF OPERATOR (Co.#2259)**

B & N Metals  
9882 Buckwheat Road  
Pinon Hills, CA 92372

**EQUIPMENT LOCATION (Fac.#3622)**

B & N Metals  
9882 Buckwheat Road  
Pinon Hills, CA 92372

**Description:**

BAGHOUSE, ALUMINUM REVERBERATORY FURNACE consisting of: An Industrial Clean Air dust collector, Model SPJ-192-X4T8, venting the Aluminum Reverberatory Furnace under permit B012503. This unit is equipped with an automatic pulse clean system, holds 192 eight-foot filter bags with 1,817 square feet of filter area and an air-to-media ratio of 8:1 at 15,000 cfm.

**CONDITIONS:**

1. At all times, the owner or operator must operate and maintain this baghouse, in a manner consistent with safety and good air pollution control practices for minimizing emissions.  
[District Rule 1302(C)(2)(a)]
2. This equipment must be operated when the Aluminum Reverberatory Furnace permitted under B012503 is operating, including with the furnace door is open and charge and/or product is being inserted or removed.  
[District Rule 1302(C)(2)(a)]
3. The owner/operator must have, on-site at all times, a minimum inventory of replacement filters to maintain compliance with these conditions at all times.  
[District Rule 1302(C)(2)(a)]
4. This air pollution control device must be equipped with a differential pressure gauge, which must be maintained between 1 and 5 inches of water column during operation.  
[District Rule 1302(C)(2)(a)]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3341

SCC: 30400199

Location/UTM(Km):  
455E/3805N

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.

B & N Metals  
10773 Hollister Road  
Oak Hills, CA 92344

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

5. This air pollution control device must be operated such that no visible emissions from the equipment result in an opacity greater than 20 percent on the Ringelmann Chart for a period or periods aggregating more than three (3) minutes in any one hour. Compliance with this condition shall be demonstrated by monthly Visible Emission Determinations (VED) using USEPA Method 22, and USEPA Method 9, if necessary, pursuant to condition 7, below.  
[District Rule 401(a)]

6. The owner/operator must conduct a minimum program of inspection and maintenance on this equipment inclusive of the following:

- A. Each day the equipment is operated the pressure drop reading must be recorded in inches of water column.
  - B. Once a week a calibration check on the pressure gauge must be recorded by checking for a 'zero reading' before the unit is in operation.
  - C. A monthly Visible Emission Determination (VED) and result must be recorded using the following procedures: Ensure that the observer's back is to the sun or artificial light, the observation spot provides a clear view of the emission point(s), observe the emission point(s) for a period of one minute, and designate the emission point(s) as "dusting" or "not dusting". If "dusting" is occurring, owner/operator must conduct a Visible Emission Evaluation using USEPA Method 22, and USEPA Method 9, on each dusting emission point if necessary, or shut down the equipment immediately; and,
  - D. Quarterly bag/filter and bag/filter suspension system inspections.
- [District Rule 1302 (C)(2)(a)]

7. An operations log must be maintained for this equipment, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years, and must be provided to District personnel upon request.

- A. The daily operating pressure drop readings and dates as required by conditions 4 and 6;
  - B. The weekly 'zero reading' calibration dates as required by condition 6;
  - C. The monthly Visible Emission Evaluation dates, locations, and results as required by condition 6; and,
  - D. The dates and results of the quarterly bag/filter and bag/filter suspension system inspections as required by condition 6.
- [District Rule 1302 (C)(2)(a)]

8. The facility must submit accurate emissions inventory data to the District, in a format approved by the District, upon District request.  
[District Rule 107(b), Health & Safety Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]