



## 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

A011408

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: JANUARY 2025**

#### **OWNER OF OPERATOR (Co.#2022)**

Nordam Repair  
13644 George Blvd. #13  
Victorville, CA 92392

#### **EQUIPMENT LOCATION (Fac.#3332)**

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#### **Description:**

SANDING BOOTH ENCLOSURE consisting of: One 20' X 10' X 10' sanding booth enclosure for manual and electric sanding only. Emissions vent to five (5) integrally attached dust collectors; Model DCM4500-SS; Serials DCM4500-SS-NRV-001, 002, 003, 004, 005; each measuring 7.5' X 2.88' X 3.73'; each producing 4,500 cfm of airflow by each five bhp motor. Stage I Filtration: Each dust collector houses six (6) cartridges, cellulose/polyester blend filters, measuring 26" tall and 12.74" in diameter (43.34 sqft of filter area), resulting in a control efficiency of 100 percent at 1.0 microns and 99.9 percent at 0.5 microns. This filtration stage is monitored by use of magnehelic gauges mounted at the control panels. Dust collectors 1 and 2 are averaged and displayed together; and, Dust collectors 3, 4, and 5 are averaged and displayed together (thus two (2) pressure differential gauges for the five dust collectors). Pressure switches within the magnehelic gauges are set at 3.75" of water column to activate the reverse pulse to clear the cartridge filters. Stage II filtration: Each dust collector exhausts into a filter box (3.21' X 2.18' X 3.73') which houses five (5) HEPA rated, high-capacity filters, measuring 24" X 30" X 4.25" (25 sqft of filter area), resulting in a control efficiency of 99.97 percent at 0.3 microns, which exhausts into the warehouse. This stage II filtration includes five (5) pressure differential gauges to monitor each HEPA filtration unit. Stage I Filtration Range: 0.25" to 4.0" W.C. Stage II Filtration Range: 0.5" to 1.0" W.C. Facility is currently an area source for HAP emissions and a minor source for criteria pollutant emissions [12/18/2018].

#### **CONDITIONS:**

1. This sanding enclosure and integrally attached dust collectors shall only be operated and maintained in strict accord with manufacturer's/supplier's recommendations and/or sound engineering principles. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3721

SCC: 40200101

Location/UTM(Km):  
465E/3828N

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.

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

2. Sanding operations shall not occur within this enclosure unless it is actively exhausting through the described integrally attached dust collectors.
3. Total PM emissions from this facility shall not exceed 25 pounds per day and 14.9 tons per year.  
[MD 1303 - New Source Review Requirements]
4. This facility shall not emit more than 7.9 tons (15,800 pounds) per year of a single federal Hazardous Air Pollutants (HAPs) HAP and/or 19.9 (39,800 pounds) tons per year of any combined federal HAPs. To ensure compliance, the owner/operator shall calculate and record the annual emissions of federal HAPs in tons per year on a calendar year basis (January 1 through December 31). The list of HAPs can be found in Section 112(b)(1) of the Federal Clean Air Act or at web site: <http://www.epa.gov/ttn/atw/188polls.html>  
[MD 1320 - New Source Review for Toxic Air Contaminants]
5. The owner/operator shall maintain an operations log for this system, current and on-site for a minimum of five (5) years, and this log shall be provided to federal, state, and/or District personnel upon request. This log shall include at least the following information:
- a. PM emission totals in pounds per square feet sanded, including daily and annual totals. To demonstrate compliance with condition 3, total square feet sanded per day shall not exceed 69,444 (10,000,000 sq inches).
  - b. Annual calendar year total of emitted HAPs recorded in pounds.
  - c. Quarterly bag and bag suspension system inspection date and results.
  - d. Dates of bag replacements.
  - e. Dates and descriptions of all maintenance and repairs.
6. Differential pressure drops across both the dust collector and HEPA filtration stages shall be maintained with the recommendations by the manufacturer as described below:
- a. Stage I Dust Collector Filtration: 0.25" to 4.0" W.C.
  - b. Stage II Exhaust Filtration: 0.5" to 1.0" W.C.
7. The owner/operator shall maintain an inventory of cartridge and HEPA replacement filters, with the efficiencies described above, on-site at all times which will ensure compliance with these permit conditions and all applicable rules of District Regulation IV.
8. Dust collected in this equipment shall be discharged only into closed containers (integrally attached dust pans).
9. 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]