



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

P012831

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. #133)

NASA/Goldstone
93 Goldstone Rd.
Fort Irwin, CA 92310

EQUIPMENT LOCATION (Fac. #611)

NASA/Goldstone Deep Space Communications Complex
Goldstone Lake
Fort Irwin, CA 92311

Description:

PORTABLE SPRAY GUN (#2) consisting of: a Binks MACH 1 HVLP spray gun.

CONDITIONS:

1. This equipment shall be 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(C)(2)(a)]

2. All Coatings (including diluents, activators, thinners, etc.) Solvents, Application Methods, Surface Preparation & Cleaning Operations, and Record Keeping, shall comply with District Rules 442, 1113, 1114, and 1115, as applicable. These rules pertain to Usage of Solvents, Architectural Coatings, Wood Products Coating Operations, and Metal Parts & Products Coating Operations, respectively.

[District Rule 1302(C)(2)(a)]

Fee Schedule: 7 (c)

Rating: 1 device

SIC: 9661

SCC: 30900198

Location/UTM(Km): 517E/3906N

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.

NASA/Goldstone
93 Goldstone Rd.
Fort Irwin, CA 92310

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

3.The owner/operator must use one of the following application methods when applying coatings:

- a. High Volume Low Pressure (HVLP) Spray equipment, operated in accordance with the manufacturer's recommendations; or
- b. Hand Application Methods.

Any alternate Coating applications must be demonstrated to the satisfaction of the District and receive written approval from the District prior to use.

[District Rules 1114, 1115 and 1302(C)(2)(a)]

4.The owner/operator shall maintain an operations log for this equipment, current and on-site (or at a central location), for a minimum of five (5) years, and this log shall be provided to District, State and/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:

- a. Equipment by permit number, or name of operation for unpermitted equipment, that uses material containing VOC.
- b. Type of material (Coating, Activator, Thinner, Solvent, etc.) and its applicable VOC limit in pounds per gallon (or grams per liter) by District Rule or Rules.
- c. Manufacturer of each material, manufacturer product name, and/or code number.
- d. Quantity of each material used (Coating, Activator, Thinner, Solvent, etc.) and its VOC content and mix ratio, if applicable. (Note: Units must be consistent. If quantity used is in gallons (or liters), the VOC must be in pounds per gallon (or grams per liter). Units used in item 'b.' and 'd.' must be the same).
- e. Copies of the Environmental Data Sheet and/or Material Safety Data Sheet (MSDS) for each material used (Coating, Activator, Thinner, Solvent, etc.). These data sheets must indicate the toxic compounds in each material and the percentage weight of each toxic compound in order to demonstrate compliance with toxic emission reporting required by condition 10. Toxic compounds are those Hazardous Air Pollutants found in Section 112(b)(1) of the Federal Clean Air Act or at web site: <http://www.epa.gov/ttn/atw/188polls.html>

[District Rules 1114, 1115 and 1302(C)(2)(a)]

5.Facility-wide (includes facility nos. 611 and 4402) emissions shall not exceed 80 tons per year of NO_x, 24 tons per year of VOC, and 18 tons per year of PM₁₀. Facility-wide emissions shall be calculated and recorded, in tons, on a calendar month basis and totaled for each consecutive twelve-month basis. For emergency engines, only emissions generated during testing and maintenance shall apply toward the facility-wide emission limits. These records shall be maintained as current for a minimum of five (5) years, and made available upon District, State and/or Federal request.

[District Rule 221(B)]

6.All containers of VOC-containing materials must be closed when not in use, including containers used to apply the contents of VOC-containing materials to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging or other means, must be closed when not in use. These containers include, but are not limited to, drums, buckets, cans, pails, trays or other application containers.

[District Rule 1113(C)(6) and 1302(C)(2)(a)]

7.Any coating that is formulated for use as an Industrial Maintenance Coating pursuant to District Rule 1113 must display on the label or lid of the container in which the Coating is sold or distributed one or more of the descriptions listed:

- a. "For industrial use only".
- b. "For professional use only".
- c. "Not for Residential use" or "Not intended for Residential use".

[District Rule 1113(e)]

8.This equipment cannot be used to coat Motor Vehicles or Mobile Equipment and/or use coatings manufactured for such coatings.

Motor Vehicles passenger cars, truck cabs and chassis, vans, motorcycles, and buses.

Mobile Equipment means any equipment that is designed to be physically capable of being driven or drawn upon rails or a roadway, except for motor vehicles, and components for and from such equipment. Examples of Mobile Equipment include mobile cranes; bulldozers; concrete mixers; tractors; plows; pesticide sprayers; street cleaners; golf carts; hauling equipment used inside and around an airport, dock, depot, and industrial and commercial plants; trains; railcars; truck trailers; implements of husbandry; aircraft ground support equipment; all terrain vehicles; self-propelled wheelchairs, invalid tricycles, and invalid quadricycles.

[District Rule 1302(C)(2)(a) and 17 CCR 93112]

9.The National Emission Standards for Hazardous Air Pollutants for Paint Stripping and Miscellaneous Surface Coating Operations (40 CFR 63, Subpart HHHHHH) does not apply to this facility as section 63.11169(d)(1) specifically exempts surface coating or paint

stripping performed on site at installations owned or operated by the National Aeronautics and Space Administration.
[40 CFR 63, Subpart HHHHHH]

10.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]