



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

S011635

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: OCTOBER 2025

OWNER OF OPERATOR (Co. #2071)

Next Level Powder Coating
7361 Hopi Trail
Yucca Valley, CA 92284

EQUIPMENT LOCATION (Fac. #3401)

Next Level Powder Coating
7361 Hopi Trail
Yucca Valley, CA 92284

Description:

SPRAY BOOTH AND CURING OVEN, POWDER COATING consisting of: Standard Tools and Equipment Co. Spray Booth, Model CROSS FLOW-1000, with a two (2) bhp motor and 24" diameter fan rated at 7800 cfm. Booth dimensions are 10'3"W X 24'4"L X 9'1.5"H, with twenty (20) inlet filters and twenty-three (23) exhaust filters all measuring 20" X 20" X 2.5". The exhaust filter system includes pre-filters rated as 99.76 percent efficient in removing particulates 10 microns and larger, backed by bag filters rated as 97 percent efficient in removing particulates 10 microns and larger. Facility includes an Econo-Coat Mobile Spray System and a natural gas-fired, curing oven, rated at 1.2 MMBtu per hour. Facility Elevation is 3332 feet above sea level.

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 204]

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(C)(2)(a)]

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

Fee Schedule: 7 (h) Rating: 1 device SIC: 3479 SCC: 40202501 Location/UTM(Km): 551E/3474N

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

shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 204]

2.All powders, coatings, diluents, thinners and solvents shall comply with District Rules 442 and 1115 as applicable. These rules pertain to Usage of Solvents and Metal Parts & Products Coatings Operations, respectively.
[District Rule 442 - Usage of Solvents and District Rule 1115 - Metal Parts & Products Coating Operations]

2.All powders, coatings, diluents, thinners and solvents shall comply with District Rules 442 and 1115 as applicable. These rules pertain to Usage of Solvents and Metal Parts & Products Coatings Operations, respectively.
[District Rule 442 - Usage of Solvents and District Rule 1115 - Metal Parts & Products Coating Operations]

2.All coatings, diluents, thinners and solvents shall comply with District Rules 442 and 1115 as applicable. These rules pertain to Usage of Solvents and Metal Parts & Products Coatings Operations, respectively.
[District Rule 442 - Usage of Solvents and District Rule 1115 - Metal Parts & Products Coating Operations]

3.The spray booth enclosure discharge filters shall be installed and maintained in a tightly mounted and dimensionally stable condition, free from excessive deposits or interference with airflow passages. The differential pressure across the discharge filters shall be maintained within the recommendations by the manufacturer's specifications.
[District Rule 204]

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[District Rule 204]

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

4.Pursuant to Rule 1115, the owner/operator shall not apply any Coating to Metal Parts and Products unless Electrostatic Spray equipment is used, operated in accordance with the manufacturer's recommendations. Any alternate Coating applications must be demonstrated to the satisfaction of the APCO pursuant to Rule 1115, and which written approval of the APCO has been obtained.
[District Rule 1115 - Metal Parts & Products Coating Operations]

4.Pursuant to Rule 1115, the owner/operator shall not apply any Coating to Metal Parts and Products unless Electrostatic Spray equipment is used, operated in accordance with the manufacturer's recommendations. Any alternate Coating applications must be demonstrated to the satisfaction of the APCO pursuant to Rule 1115, and which written approval of the APCO has been obtained.
[District Rule 1115 - Metal Parts & Products Coating Operations]

4.Pursuant to Rule 1115, the owner/operator shall not apply any Coating to Metal Parts and Products unless Electrostatic Spray equipment is used, operated in accordance with the manufacturer's recommendations. Any alternate Coating applications must be demonstrated to the satisfaction of the APCO pursuant to Rule 1115, and which written approval of the APCO has been obtained.
[District Rule 1115 - Metal Parts & Products Coating Operations]

5.Based on the Potential to Emit from this facility, all discharged Volatile Organic Compounds (VOC) into the atmosphere from all VOC-containing materials, Emissions Units, equipment or processes, must not be in excess of 540 kilograms (1,190 pounds) per month.
[District Rule 442 - Usage of Solvents]

5.This facility shall not discharge VOCs into the atmosphere from all VOC containing materials, Emissions Units, equipment or processes, in excess of 540 kilograms (1,190 pounds) per month.
[District Rule 442 - Usage of Solvents]

5.Based on the Potential to Emit from this facility, all discharged Volatile Organic Compounds (VOC) into the atmosphere from all VOC-containing materials, Emissions Units, equipment or processes, must not be in excess of 540 kilograms (1,190 pounds) per month.
[District Rule 442 - Usage of Solvents]

6.The total quantity of powder coatings used in this equipment shall not exceed 357 pounds in any one day.
[District Rule 204 - Permit Conditions]

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[District Rule 204 - Permit Conditions]

7.This facility shall not spray apply coatings to metal and plastic surfaces that contain compounds of chromium (Cr), lead (Pb),manganese (Mn), nickel (Ni), or cadmium (Cd); nor, conduct any stripping operations on any substrate that use methylenechloride (MeCl)-containing paint stripping formulations. Contact the MDAQMD if this facility will use the above toxic metal and/orMeCl for additional permits requirements.
[40 CFR 63, Subpart HHHHHH]

7.This facility shall not spray apply coatings to metal and plastic surfaces that contain compounds of chromium (Cr), lead (Pb),manganese (Mn), nickel (Ni), or cadmium (Cd); nor, conduct any stripping operations on any substrate that use methylenechloride (MeCl)-containing paint stripping formulations. Contact the MDAQMD if this facility will use the above toxic metal and/orMeCl for additional permits requirements.
[40 CFR 63, Subpart HHHHHH]

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[40 CFR 63, Subpart HHHHHH]

8.The owner/operator shall maintain a daily operational log for this equipment, which, at a minimum, contains the information specified below, as applicable. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District, State or Federal personnel upon request:

- a. Current list of powders, coatings, and solvents used for cleanup, surface preparation, or paint removal.
 - b. Current coating Safety Data Sheets (SDS), or invoice providing material name, manufacturer, identification, material application, and VOC content (in pounds per pound, pounds per gallon, or grams per liter) for each powder, coating, and solvent used.
 - c. Quantity of each powder, coating, and solvent used on a daily basis, and its VOC content in pounds or gallons. Annual (calendar year) totals must be kept as part of this log.
 - d. Any procedures used to account for control device efficiencies and/or waste disposal.
- [District Rule 1115 - Metal Parts & Products Coating Operations]

8.The owner/operator shall maintain a daily operational log 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 shall be provided to District, State or Federal personnel upon request:

- A. Current list of coatings and solvents used for cleanup, surface preparation, or paint removal.
- B.Current coating Safety Data Sheets (SDS), or invoice providing material name, manufacturer, identification, material application, and VOC content in pounds per pound or pounds per gallon (or grams per liter).
- C. Quantity of each coating and solvent used, and its VOC content in pounds per pound or pounds per gallon (or grams per liter).

D. Any procedures used to account for control device efficiencies and/or waste disposal. [District Rule 1115 - Metal Parts & Products Coating Operations]

8. This curing oven equipment must only be fired on utility grade natural gas.
[District Rule 431]

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]

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]

9. The owner/operator shall maintain a daily operational log for this equipment, which, at a minimum, contains the information specified below, as applicable. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District, State or Federal personnel upon request:

- a. Current list of powders, coatings, and solvents used for cleanup, surface preparation, or paint removal.
- b. Current coating Safety Data Sheets (SDS), or invoice providing material name, manufacturer, identification, material application, and VOC content (in pounds per pound, pounds per gallon, or grams per liter) for each powder, coating, and solvent used.
- c. Quantity of each powder, coating, and solvent used on a daily basis, and its VOC content in pounds or gallons. Annual (calendar year) totals must be kept as part of this log.
- d. Any procedures used to account for control device efficiencies and/or waste disposal.
[District Rule 1115 - Metal Parts & Products Coating Operations]

10. The emissions from this facility shall be less than the following limits:

- a. 8 tons per year of any single HAP or 20 tons per year of any combination of HAPs on a 12 month calendar year basis.
 - b. 12 tons of PM₁₀ per year calculated on a rolling twelve month summary basis.
 - c. 20 tons of NO_x per year calculated on a rolling twelve month summary basis.
 - d. 20 tons of VOC per year calculated on a rolling twelve month summary basis.
 - e. 80 tons of CO per year calculated on a rolling twelve month summary basis.
 - f. 20 tons of SO_x per year calculated on a rolling twelve month summary basis.
- Compliance with this limit shall be verified with an emissions inventory as requested by the District.

[District Rule 1302: basis - Minor Source Designation]

10. The emissions from this facility shall be less than the following limits:

- a. 8 tons per year of any single HAP or 20 tons per year of any combination of HAPs on a 12 month calendar year basis.
 - b. 12 tons of PM₁₀ per year calculated on a rolling twelve month summary basis.
 - c. 20 tons of NO_x per year calculated on a rolling twelve month summary basis.
 - d. 20 tons of VOC per year calculated on a rolling twelve month summary basis.
 - e. 80 tons of CO per year calculated on a rolling twelve month summary basis.
 - f. 20 tons of SO_x per year calculated on a rolling twelve month summary basis.
- Compliance with this limit shall be verified with an emissions inventory as requested by the District.

[District Rule 1302: basis - Minor Source Designation]

11. 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; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]

11. 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; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]