



SAN DIEGO COUNTY
AIR POLLUTION CONTROL DISTRICT
10124 Old Grove Road, San Diego, CA 92131-1649
Office: (858) 586-2600; www.sdapcd.org

Sectors: 1, A
Site Record: APCD2003-SITE-04961

Application Record: APCD2025-APP-008622



No Mailing Address on file

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3018 San Luis Rey Rd
Oceanside, CA 92058

AUTHORITY TO CONSTRUCT (Draft Version)

EXPIRES:

After examination of your Application for an Air Pollution Control District (hereinafter referred to as "the District") Authority to Construct and Permit to Operate for equipment located at the above location, the District has decided on the following actions:

Authority to Construct is granted pursuant to Rule 20 of the Air Pollution Control District Rules and Regulations for equipment to consist of:

Automotive refinishing operation, consisting of three (3) enclosed spray booths:

Spray Booths (1 and 2) -
Manufacturer: Ameri-cure
Model: Patriot # 25149
Dimensions: 25'L X 15'W X 11'H
Equipped with exhaust fan and filters, using HVLP

Spray Booth (3)
Manufacturer: Platinum Finishing Systems
Dimensions: 20'L X 12'W X 15'H
Equipped with exhaust fan and filters, using HVLP

This Authority to Construct is issued with the following conditions:

1. Total usage of VOC containing materials for this operation shall not exceed an average of five (5) gallons per day. The average daily usage shall be calculated by dividing the total usage of VOC containing materials in a calendar month by the number of days on which coating operations are conducted in that calendar month. (Rule 20.2)
2. The permittee shall not use paint stripping solvents that contain methylene chloride (CAS 75-09-2) in paint removal processes. (Rule 1200)
3. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an authority to construct for all such modifications.
4. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)
5. Coatings shall not be applied unless exhaust fans and exhaust filters or water-wash curtains are installed and operating properly. This condition applies to only those operations which use paint spray booths.
6. Any spray application of coatings containing compounds of trivalent chromium (Cr III), manganese (Mn), or nickel (Ni) shall be conducted in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. For the purposes of this condition, spray application means coatings that are applied using a hand-held device that creates an atomized mist of coating and deposits the coating on a

substrate. Spray-applied coatings do not include the following materials or activities: coatings applied from a hand-held device with a paint cup capacity that is equal to or less than 3.0 fluid ounces (89 cubic centimeters) or surface coating application using powder coating, hand-held, non-refillable aerosol containers, or non-atomizing application technology, including, but not limited to, paint brushes, rollers, hand wiping, flow coating, dip coating, electrodeposition coating, web coating, coil coating, touch-up markers, or marking pens. (MACT HHHHHH)

7. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
8. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
[Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
9. This operation shall comply with all applicable requirements in Rule 67.20.1.
10. When conducting any operations subject to Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a) The VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b) The cleaning material is applied by non-aerosol, hand-held spray container, and
 - c) Not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
11. Any cleaning of coating application equipment, used in operations subject to Rule 67.20.1, shall comply with one of the following requirements:
 - a) The VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b) The VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used.; or
 - c) The cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
12. Permittee shall only apply coatings using one of the following methods: high volume low pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. (Rule 67.20.1/67.3)
13. Permittee shall operate any coating application equipment subject to Rule 67.20.1(d)(3)(vii) in accordance with written District approval for the application equipment. (Rule 67.20.1)
14. High volume low pressure (HVLP) and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure.
15. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig.
16. The filter used for the coating operation described above shall achieve at least 98% capture efficiency of paint overspray. The procedure used to demonstrate filter efficiency must be consistent with American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Method Standard 52.1, "Gravimetric and Dust-Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter, June 4, 1992". For the purposes of this condition, a test consistent with method 52.1 shall meet all of the following parameters:

The test coating for measuring filter efficiency shall be a high solids bake enamel delivered at a rate of at least 135 grams per minute from a conventional (non-HVLP) air-atomized spray gun operating at 40 pounds per

square inch (psi); the air flow rate across the filter shall be 150 feet per minute.

Owners and operators may use published filter efficiency data provided by filter vendors to demonstrate compliance with this requirement. (NESHAP HHHHHH)

17. All paint spray gun cleaning must be done so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of the container that collects used gun cleaning solvent. (MACT HHHHHH)
18. All painters must complete a training course that meets the requirements specified in the following condition within 180 days after hiring or 180 days after the Construction Completion Notice is submitted to the District, whichever is later. This certification will be valid for five (5) years. A refresher course must be completed for re-certification every five (5) years. (MACT HHHHHH)
19. The painters training course shall include at a minimum hands-on demonstration and classroom instruction in:
 - A. Selection, set up, and operation of spray gun equipment, including measuring coating viscosity, selecting proper fluid tip or nozzle, and achieving the proper spray pattern, air pressure and volume, and fluid delivery rate; and,
 - B. Spray techniques for different types of coatings to improve transfer efficiency and minimize coating usage and overspray, including maintaining the correct spray gun distance and angle to the substrate, using proper banding and overlap, and reducing lead and lag spraying at the beginning and end of each stroke; and,
 - C. Routine spray booth and filter maintenance, including filter selection and installation. (MACT HHHHHH)
20. The permittee shall submit a report to the District every calendar year in which information previously submitted has changed. This report should include changes associated the initial notification required by §63.11175(a), or Notification of Compliance, or a previous annual notification of changes report submitted under this condition. This report shall include any deviations from relevant requirements under § 63.11173 (e) - (g), which includes:
 - A. proper training of all painters;
 - B. use of proper application equipment (e.g. HVLP);
 - C. use of spray booth when coatings are applied, with proper ventilation and filters;
 - D. proper cleaning of application equipment. (MACT HHHHHH)
21. The annual notification of changes report must be submitted to the District prior to March 1 of each calendar year when reportable changes have occurred and must include the following information:
 - A. the company's name and the street address (physical location) and the street address where compliance records are maintained, if different;
 - B. the name, title, address, telephone, e-mail address (if available) and signature of the owner and operator, or other certifying company official, certifying the truth, accuracy, and completeness of the notification;
 - C. a statement of whether the source has complied with all the relevant standards and other requirements of this permit or an explanation of any noncompliance and a description of corrective actions being taken to achieve compliance. (MACT HHHHHH)
22. Permittee shall maintain records in accordance with Rule 67.20.1 and MACT HHHHHH. These records shall include the following information:
 - a) A current list of coatings, precoats, primers, catalysts, thinners, additives, surface preparation materials, equipment cleaning materials, and stripping materials in use. This list shall include the following information:
 1. Material name, manufacturer and manufacturer identification;
 2. Type and applicable coating category as specified in Rule 67.20.1(d)(1) for each coating in use and the specific mix ratio;
 3. VOC content (actual and regulatory, as applied) for all materials containing VOC;
 - b) Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each coating, precoat, primer, catalyst, thinner, additive, surface preparation, equipment cleaning, and stripping materials in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - c) Monthly purchase and daily or monthly usage of each material containing VOCs. If monthly records are maintained, the number of operating days per calendar month shall be recorded;
 - d) Type of application equipment used;
 - e) If applicable, all District approval documentation for coating application equipment, issued in accordance with Rule 67.20.1(d)(3)(vii);
 - f) Current list of personnel by name and job description that are required to be trained;
 - g) Certification that each painter has completed the training specified in §63.11173 with the date the initial training and the most recent refresher training was completed;
 - h) Records describing the methods being used to train the painters, including demonstration that the training meets all the requirements specified in this Permit to Operate;
 - i) Manufacturer test data and control efficiency for the exhaust filter to demonstrate compliance with this permit;
 - j) Any notifications, initial or compliance status, as required by § 63.11175;

- k) Any notification of changes reports submitted, as required by § 63.11176; and
 - l) Records of any assessments of source compliance performed in support of the initial notification, notification of compliance status or annual notification of changes report. (Rules 67.20.1, 21 and MACT HHHHHH)
- 23. All records required by this permit, including emission and usage records, shall be maintained on site for at least five (5) years and made readily available to the District upon request. (MACT HHHHHH)
 - 24. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
 - 25. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
 - 26. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)

This Authority to Construct does not authorize operation of the above-specified equipment until written notification has been provided to the District indicating that construction (or modification) has been completed in accordance with this Authority to Construct. Upon submission of this notification, temporary Permit to Operate shall take effect and will remain in effect, unless withdrawn or modified by the District, until the equipment is inspected by the District and a revised temporary permit (Startup Authorization) is issued or a Permit to Operate is granted or denied.

This Authority to Construct shall be posted on or within 25 feet of the above described equipment or maintained readily available at all times on the operating premises.

Upon completion of construction (or modification) in accordance with this Authority to Construct, and prior to commencing operation, the applicant must complete and mail, deliver or email to apcdpermits@sdapcd.org the enclosed Construction Completion Notice to the District. After mailing, delivering or emailing the notice, the applicant may commence operation of the equipment. Operation must be in compliance with all the conditions of this Authority to Construct and applicable District Rules.

This Authority to Construct does not relieve the holder from obtaining permits or authorizations, which may be required by other governmental agencies. This Authority to Construct is not authority to exceed any applicable emission standard established by this District or any other governmental agency. This authorization is subject to cancellation if any emission standard or condition is violated.

Within 30 days after receipt of this Authority to Construct, the applicant may petition the Hearing Board for a hearing on any conditions imposed herein in accordance with Rule 25.

This Authority to Construct will expire on unless an extension is granted in writing.

This is not a Permit to Operate. Please be advised that installation or operation of this process or equipment without written authorization may be a misdemeanor subject to fines and penalties.

If you have any questions regarding this action, please contact me at (858) 688-7142 or via email at John.Lee@sdapcd.org.

John Lee
Asst APC Engineer

CC: Compliance Division