



**DEC 27 2016**

Mr. Mike Davidson  
Sanger Boats, Inc.  
3316 E Annadale Ave  
Fresno, CA 93725-1981

**Re: Notice of Final Action - Title V Permit Renewal  
District Facility # C-1074  
Project # C-1152407**

Dear Mr. Davidson:

The District has issued the final renewed Title V permit for Sanger Boats, Inc. (see enclosure). The preliminary decision for this project was made on October 20, 2016. No comments were received subsequent to the District's preliminary decision.

The public notice for issuance of the final Title V permit will be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas, Permit Services Manager, at (559) 230-5900.

Sincerely,



Arnaud Marjollet  
Director of Permit Services

Enclosures

cc: Tung Le, CARB (w/enclosure) via email  
cc: Gerardo C. Rios, EPA (w/enclosure) via email

Seyed Sadredin  
Executive Director/Air Pollution Control Officer

---

**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585



# Permit to Operate

**FACILITY:** C-1074

**EXPIRATION DATE:** 04/30/2021

**LEGAL OWNER OR OPERATOR:**  
**MAILING ADDRESS:**

SANGER BOATS, INC.  
3316 E ANNADALE AVE  
FRESNO, CA 93725

**FACILITY LOCATION:**

3316 E ANNADALE AVE  
FRESNO, CA 93725

**FACILITY DESCRIPTION:**

BOAT MANUFACTURING

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

**Seyed Sadredin**  
Executive Director / APCO

**Arnaud Marjollet**  
Director of Permit Services

# San Joaquin Valley Air Pollution Control District

FACILITY: C-1074-0-4

EXPIRATION DATE: 04/30/2021

## FACILITY-WIDE REQUIREMENTS

---

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Facility-wide volatile organic compound (VOC) emissions shall be less than 50,000 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
4. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
5. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
6. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020. [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
7. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] Federally Enforceable Through Title V Permit
8. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
9. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
10. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: SANGER BOATS, INC.  
Location: 3316 E ANNADALE AVE, FRESNO, CA 93725  
C-1074-0-4 - Dec 22 2016 9:04AM - AYABEIJ

11. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
12. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
13. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
14. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
15. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
16. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
17. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
18. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
19. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
22. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
23. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE  
These terms and conditions are part of the Facility-wide Permit to Operate.

24. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (2/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
25. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601] Federally Enforceable Through Title V Permit
26. All VOC-containing materials for architectural coatings subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601] Federally Enforceable Through Title V Permit
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601] Federally Enforceable Through Title V Permit
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR 82, Subpart B. [40 CFR 82, Subpart B] Federally Enforceable Through Title V Permit
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/04) or Rule 8011 (8/19/04). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
32. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/04) or Rule 8011 (8/19/04). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
33. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/04) or Rule 8011 (8/19/04). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
34. Whenever open areas are disturbed or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/04) or Rule 8011 (8/19/04). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
35. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/04) or Rule 8011 (8/19/04). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
36. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/04) or Rule 8011 (8/19/04). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE  
These terms and conditions are part of the Facility-wide Permit to Operate.

37. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
38. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
39. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
40. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
41. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), and Rule 111 (Kern, Tulare, Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601, sections 5.1, 5.2, 5.3, and 5.8 (12/17/09); 8021 (8/19/04); 8031 (8/19/04); 8041 (8/19/04); 8051 (8/19/04); 8061 (8/19/04); and 8071 (9/16/04). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
43. Permittee shall demonstrate compliance with the organic Hazardous Air Pollutant (HAP) emission limit requirements of 40 CFR 63, Subpart VVVV (National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing) using the compliant materials option or the emissions averaging option. Compliance using either option shall be demonstrated on a 12-month rolling-average basis and shall be determined at the end of every month (12 times per year). The first 12 month period begins on August 23, 2004. [40 CFR 63.5701, 40 CFR 63.5710(a) and 40 CFR 63.5713(a)] Federally Enforceable Through Title V Permit
44. While using the compliant materials option, the organic HAP content limits, by weight, are listed as follows: Production resin applied with atomization - 28%; Production resin applied with nonatomization - 35%; pigmented gel coat applied with any method - 33%; clear gel coat applied with any method - 48%; tooling resin applied with atomization - 30%; tooling resin applied with nonatomization - 39%; or tooling gel coat applied with any method - 40%. [40 CFR 63.5713(a)] Federally Enforceable Through Title V Permit
45. While using the compliant materials option, compliance shall be demonstrated if each of the resins and gel coats used by a facility have organic HAP contents no greater than the applicable organic HAP content limits specified above. If any of the resins or gel coats used by a facility have organic HAP contents greater than the applicable organic HAP content limits specified above, the permittee shall demonstrate compliance for that specific gel coat or resin category by using Equation 1 of 40 CFR 63.5713(c): Weighted-Average HAP Content (%) = [summation of (Mi x HAPi)] / [summation of Mi], where Mi = mass of open molding resin or gel used in the past 12 months, in megagrams; and HAPi = the organic HAP content, by weight percent, of each open molding resin or gel coat used in the past 12 months. If the weighted-average HAP content exceeds the applicable organic HAP content limits specified above, compliance has not been demonstrated using the compliant materials option. [40 CFR 63.5713] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE  
These terms and conditions are part of the Facility-wide Permit to Operate.

46. While using the emissions averaging option, the permittee shall use Equation 1 of 40 CFR 63.5710(b) to demonstrate that the organic HAP emissions from this facility do not exceed the organic HAP emission limit determined by Equation 1 of 40 CFR 63.5698(b), for the same 12-month period. If the result of Equation 1 of 40 CFR 63.5710(b) is greater than the result of Equation 1 of 40 CFR 63.5698(b), compliance has not been demonstrated using the emissions averaging option. [40 CFR 63.5710(b)] Federally Enforceable Through Title V Permit
47. While using the emissions averaging option, the organic HAP emissions from this facility shall not exceed the limit established by Equation 1 of 40 CFR 63.5698(b):  $HAP\ Limit = [(46 \times Mr) + (159 \times Mpg) + (291 \times Mcg) + (54 \times Mtr) + (214 \times Mtg)]$ , where Mr = mass of production resins used in the past 12 months; Mpg = mass of pigmented gel coats used in the past 12 months; Mcg = mass of clear gel coats used in the past 12 months; Mtr = mass of tooling resins used in the past 12 months; and Mtg = mass of tooling gel coats used in the past 12 months. All units are in megagrams. [40 CFR 63.5698(b)] Federally Enforceable Through Title V Permit
48. While using the emissions averaging option, the permittee shall calculate actual HAP emissions from the preceding 12 months using Equation 1 of 40 CFR 63.5710(b):  $Actual\ HAP\ Emissions = (PVr \times Mr) + (PVpg \times Mpg) + (PVcg \times Mcg) + (PVtr \times Mtr) + (PVtg \times Mtg)$ , where PVr = weighted-average MACT model point value for production resin used in the past 12 months; Mr = mass of production resin used in the past 12 months; PVpg = weighted-average MACT model point value for pigmented gel coat used in the past 12 months; Mpg = mass of pigmented gel coats used in the past 12 months; PVcg = weighted-average MACT model point value for clear gel coat used in the past 12 months; Mcg = mass of clear gel coats used in the past 12 months; PVtr = weighted-average MACT model point value for tooling resin used in the past 12 months; Mtr = mass of tooling resins used in the past 12 months; PVtg = weighted-average MACT model point value for tooling gel coat used in the past 12 months; and Mtg = mass of tooling gel coats used in the past 12 months. All mass units are in megagrams and all weighted-average MACT model point values are in kilograms per megagram. [40 CFR 63.5710(b)] Federally Enforceable Through Title V Permit
49. While using the emissions averaging option, the weighted-average MACT point values for each resin or gel coat used by this facility shall be determined using Equation 2 of 40 CFR 63.5710(c):  $Weighted-Average\ MACT\ Point\ Value\ (PVr, PVpg, PVcg, PVtr\ and\ PVtg) = [\text{summation of } (Mi \times PVi)] / [\text{summation of } Mi]$ , where Mi = mass of each resin or gel coat used within the past 12 months, in megagrams; and PVi = MACT model point value for each resin or gel coat used within the past 12 months, in kilograms of HAP per megagram of material applied. [40 CFR 63.5710(c)] Federally Enforceable Through Title V Permit
50. While using the emissions averaging option, the MACT model point values for all resins and gel coats applied shall be determined using the formulas listed in Table 3 of 40 CFR 63, Subpart VVVV: atomized resin -  $[0.014 \times (\text{Resin HAP}\%, \text{ by weight})^{2.425}]$ ; atomized resin, plus vacuum bagging with roll out -  $[0.01185 \times (\text{Resin HAP}\%, \text{ by weight})^{2.425}]$ ; atomized resin, plus vacuum bagging without roll out -  $[0.00945 \times (\text{Resin HAP}\%, \text{ by weight})^{2.425}]$ ; nonatomized resin -  $[0.014 \times (\text{Resin HAP}\%, \text{ by weight})^{2.275}]$ ; nonatomized resin, plus bagging with roll out -  $[0.0110 \times (\text{Resin HAP}\%, \text{ by weight})^{2.275}]$ ; nonatomized resin, plus bagging without roll out -  $[0.0076 \times (\text{Resin HAP}\%, \text{ by weight})^{2.275}]$ . [40 CFR 63.5710(d)] Federally Enforceable Through Title V Permit
51. All gel coat and resin mixing containers with a capacity equal to or greater than 55 gallons, including those used for on-site mixing of putties and polyputties shall have a cover. The covers shall have no visible gaps and shall be in place at all times, except when material is being manually added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container. [40 CFR 63.5731(a)(b)] Federally Enforceable Through Title V Permit
52. For routine flushing or resin and gel coat application equipment (e.g. spray guns, flowcoaters, brushes, rollers, and squeegees), permittee shall use cleaning solvents that contain no more than 5% organic HAP, by weight. For removal of cured resin and gel coat from application equipment, no organic HAP content limit applies. [40 CFR 63.5734(a)] Federally Enforceable Through Title V Permit
53. Organic HAP-containing solvents used for removing cured resin or gel coat shall be stored in containers with covers. The covers must have no visible gaps and shall be in place at all times, except when equipment to be cleaned is placed in or removed from the container. On containers with a capacity greater than 2 gallons, the distance from the top of the container to the solvent surface must be equal to or greater than 0.75 times the diameter of the container. [40 CFR 63.5734(b)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE  
 These terms and conditions are part of the Facility-wide Permit to Operate.

54. At least once per month, 55 gallon or greater mixing containers and all containers holding organic HAP containing solvents used for removing cured resin or gel coat must be inspected to ensure the covers have no visible gaps. Records of the inspections and any repairs made to the covers must be kept. [40 CFR 63.5731(c)(d) and 63.5737(c)] Federally Enforceable Through Title V Permit
55. Permittee shall use adhesives that contain no more than 5% by weight of organic HAP content for all carpet and fabric operations. [40 CFR 63.5740(a)] Federally Enforceable Through Title V Permit
56. Permittee shall maintain a record of the organic HAP content of cleaning solvents used for routine cleaning of resin and gel coat application equipment and adhesives used for all carpet and fabric operations. [40 CFR 63.5737(a) and 63.5740(b)] Federally Enforceable Through Title V Permit
57. Permittee shall determine HAP content of affected materials using one or more of the methods outlined in 40 CFR 63.5758. [40 CFR 63.5758] Federally Enforceable Through Title V Permit
58. Permittee shall submit a notification of compliance status to the District no later than 30 days after the end of the first 12-month averaging period. The notification shall include the following: type and quantity of HAP's emitted at the facility; the method used to determine compliance; the method that will be used to determine continuing compliance; and a statement by the permittee as to whether the facility has complied with the HAP content limits. If there is a change to information submitted in the notification, changes shall be submitted in writing within 15 days after the change. [40 CFR 63.5761] Federally Enforceable Through Title V Permit
59. Permittee shall submit a compliance report to the District every 6 months. The first compliance report shall be submitted no later than 60 days after 12/31/05. Each subsequent report shall cover the applicable semiannual reporting period from January 1 through June 30 or from July 1 through December 31. Each subsequent compliance report shall be submitted no later than 60 days after the end of the semiannual reporting period. [40 CFR 63.5764(b)] Federally Enforceable Through Title V Permit
60. The compliance report shall include the following information: (1) Company name and address; (2) Signed and dated statement by a responsible official certifying the truth, accuracy, and completeness of the report; (3) Dates covered by the compliance report; (4) Description of any changes in the manufacturing process since the last compliance report; (5) Table or statement showing, for each regulated operation, the applicable organic HAP content limit and application equipment requirement with which the facility is complying and the actual weighted-average organic HAP content for each operation during each of the rolling 12-month averaging periods that end during the reporting period; (6) If compliance is achieved during the reporting period, a statement indicating such effect shall be included with the report; and (7) If any of the regulated operations were not in compliance during the reporting period, the following shall be included with the semiannual compliance report: (i) Operation(s) involved in the deviation; (ii) quantity, organic HAP content, and application method of the materials involved in the deviation; (iii) actions taken to minimize the deviation and to prevent it in the future; and (iv) Statement of whether or not the facility was in compliance for the 12-month averaging period that ended at the end of the reporting period. [40 CFR 63.5764(c)] Federally Enforceable Through Title V Permit
61. The following exemptions apply to the gel coat and resin operations: (1) Gel coat materials used for part/mold repair and touch up shall be exempt from the organic HAP content limits. The total gel coat materials used in this exemption shall not exceed 1 percent by weight of all gel coat used at the facility on a 12-month rolling-average basis. Records shall be kept of the amount of gel coats used per month for which this exemption is being used and copies of calculations showing that the exempt amount does not exceed 1 percent of all gel coat used. (2) Pure 100% vinyl ester resin used for skin coats. The total resin materials included in the exemption shall not exceed 5% by weight of all resin used at the facility on a 12-month rolling-average basis. Records shall be kept of the amount of 100 percent vinyl ester skin coat used per month for which this exemption is being used and copies of calculations showing that the exempt amount does not exceed 5% percent of all resin used. [40 CFR 63.5698(d)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE  
These terms and conditions are part of the Facility-wide Permit to Operate.



62. Permittee shall maintain the following records, in addition to those records required by conditions of this permit: (1) a copy of each notification and report submitted to the District; (2) Support documentation for any notice or report submitted to the District; (3) Total amounts of each production resin, pigmented gel coat, clear gel coat, tooling resin, and tooling gel coat used per month and the weighted-average organic HAP content for each category of material, expressed as weight percent (this record is not required if all materials used comply with the organic HAP content requirements); (4) for production resin and tooling resin the amounts of each applied by atomized or nonatomized methods. [40 CFR 63.5767] Federally Enforceable Through Title V Permit
63. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin on January 1 of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1074-1-6

**EXPIRATION DATE:** 04/30/2021

**EQUIPMENT DESCRIPTION:**

POLYESTER RESIN AND FIBERGLASS APPLICATION OPERATION TO HULL MOLDS FOR THE MANUFACTURE OF BOATS CONSISTING OF HVLP, NON-ATOMIZING FLOW COATER APPLICATOR(S), FIVE 1.5 HP EXHAUST FANS, ONE 7.5 HP EXHAUST FAN AND TWO 15 HP COMPRESSORS

## PERMIT UNIT REQUIREMENTS

---

1. All exhaust fans shall be on prior to the start of and during polyester resin and fiberglass application. [District Rule 2201] Federally Enforceable Through Title V Permit
2. VOC emissions from this polyester resin application operation shall not exceed 77.0 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
3. VOC emissions from resins used shall be calculated as follows: Resin Usage (gal/day) x Density of Resin (lb/gal) x 1 ton/2000 lb x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table (lb/ton). [District Rule 2201] Federally Enforceable Through Title V Permit
4. The monomer (VOC) content of polyester resins used shall be less than or equal to 35%, by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Permittee shall calculate the fiberglass boat manufacturing facility emissions to demonstrate if the VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, at the facility are equal to or greater than 2.7 tons per 12-month rolling period, before consideration of controls. [District Rule 4684] Federally Enforceable Through Title V Permit
6. Permittee shall not use materials in any open molding process that exceed the following weighted average monomer VOC content limits, in weight percent: production resin atomized (spray) - 28%; production resin non-atomized - 35%; pigmented gel coat - 33%; clear gel coat - 48%; tooling resin atomized - 30%; tooling resin non-atomized - 39%; or tooling gel coat - 40%. [District Rule 4684] Federally Enforceable Through Title V Permit
7. The non-monomer VOC content of each resin and gel coat shall not constitute more than 5 percent by weight of the resin or gel coat. [District Rule 4684] Federally Enforceable Through Title V Permit
8. The weighted average monomer VOC content for each open molding resin or gel coat material used at this facility shall be determined based on a 12-month rolling average using Equation 1 of District Rule 4684: Weighted Average Monomer VOC Content = [Summation of (Mi x VOCi)] / [Summation of Mi]; where Mi = Mass of open molding resin or gel coat 'i' used in the past 12 months in an operation, in megagrams; and VOCi = Monomer VOC content, by weight percent, of open molding resin or gel coat 'i' used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit
9. Permittee shall ensure that all containers greater than 208 liters (55 gallons), including those used for on-site mixing of putties and polyputties, have a cover with no visible gaps in place at all times, except when material is being manually added or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container. [District Rule 4684] Federally Enforceable Through Title V Permit
10. Application of any polyester resin material shall only be performed by one of the following methods: 1) non-atomized spray technique; 2) flowcoaters; 3) pressure-fed rollers; 4) resin impregnators; 5) hand layup; or 6) any equivalent method as approved by the APCO. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. The VOC content of organic solvents used in cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4684] Federally Enforceable Through Title V Permit
12. Permittee shall store or dispose of all uncured polyester resin materials, fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in self-closing, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the containers are empty. [District Rule 4684] Federally Enforceable Through Title V Permit
13. Permittee shall keep records of the daily and cumulative annual (calendar year) VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Permittee shall maintain records, on a monthly basis, of the facility's 12-month rolling period VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, before consideration of controls. [District Rule 2520] Federally Enforceable Through Title V Permit
15. Permittee shall maintain records, on a monthly basis, of the weighted average monomer VOC content for each open molding resin or gel coat material used at this facility, determined based on a 12-month rolling average, using Equation 1 of District Rule 4684. [District Rule 2520] Federally Enforceable Through Title V Permit
16. Permittee shall maintain the following records: 1) Daily records of the type and quantity of all resins, gel coats, fillers, catalysts, and cleaning materials (including cleaning solvents) used in each operation; 2) Records of the VOC content, in weight percent, of all polyester resin and gel coat, filler materials, including the weight percent of non-monomer VOC content of the resin and gel coat, used or stored at the facility; and 3) Records of the VOC content of all cleaning materials used and stored at the facility as specified in Section 5.3 of District Rule 4684. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit
17. Permittee shall retain all records on site for a period of five years, shall make the records available on site during normal business hours to the District, ARB, or EPA, and shall submit the records to the District, ARB, or EPA upon request. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1074-2-5

**EXPIRATION DATE:** 04/30/2021

**EQUIPMENT DESCRIPTION:**

POLYESTER GEL COAT APPLICATION OPERATION TO MOLDS CONSISTING OF HVLP AND AIR-ASSISTED AIRLESS SPRAY GUNS, A 14'W X 26'L X 9'H DEVILBISS SPRAY BOOTH (BOOTH #1), 14 (20" X 20") FILTERS, AND A 2 HP EXHAUST FAN

## PERMIT UNIT REQUIREMENTS

---

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All filters shall be properly maintained and must be in place during the gel coat operation. [District Rule 4102]
3. VOC emissions from this gel coat application operation shall not exceed 20.2 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. VOC emissions from gelcoats shall be calculated as follows: Gelcoat Usage (gal/day) x Density of gelcoat (lb/gal) x 1 ton/2000 lb x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table for styrene + Gelcoat usage (gal/day) x Density of gelcoat (lb/gal) x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table for MMA. [District Rule 2201] Federally Enforceable Through Title V Permit
5. PM10 emissions from this gel coat application operation shall not exceed 15.8 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM10 emissions from gelcoats used shall be calculated as follows: Gelcoat Usage (gal/day) x Density of Gelcoat (lb/gal) x Solids Content (% by weight) x 0.187. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Permittee shall calculate the fiberglass boat manufacturing facility emissions to demonstrate if the VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, at the facility are equal to or greater than 2.7 tons per 12-month rolling period, before consideration of controls. [District Rule 4684] Federally Enforceable Through Title V Permit
8. Permittee shall not use materials in any open molding process that exceed the following weighted average monomer VOC content limits, in weight percent: production resin atomized (spray) - 28%; production resin non-atomized - 35%; pigmented gel coat - 33%; clear gel coat - 48%; tooling resin atomized - 30%; tooling resin non-atomized - 39%; or tooling gel coat - 40%. [District Rule 4684] Federally Enforceable Through Title V Permit
9. The non-monomer VOC content of each resin and gel coat shall not constitute more than 5 percent by weight of the resin or gel coat. [District Rule 4684] Federally Enforceable Through Title V Permit
10. The weighted average monomer VOC content for each open molding resin or gel coat material used at this facility shall be determined based on a 12-month rolling average using Equation 1 of District Rule 4684: Weighted Average Monomer VOC Content = [Summation of (Mi x VOCi)] / [Summation of Mi]; where Mi = Mass of open molding resin or gel coat 'i' used in the past 12 months in an operation, in megagrams; and VOCi = Monomer VOC content, by weight percent, of open molding resin or gel coat 'i' used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Permittee shall ensure that all containers greater than 208 liters (55 gallons), including those used for on-site mixing of putties and polyputties, have a cover with no visible gaps in place at all times, except when material is being manually added or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container. [District Rule 4684] Federally Enforceable Through Title V Permit
12. The VOC content of organic solvents used in cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4684] Federally Enforceable Through Title V Permit
13. Permittee shall store or dispose of all uncured polyester resin materials, fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in self-closing, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the containers are empty. [District Rule 4684] Federally Enforceable Through Title V Permit
14. Permittee shall keep records of the daily and cumulative annual (calendar year) VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain records, on a monthly basis, of the facility's 12-month rolling period VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, before consideration of controls. [District Rule 2520] Federally Enforceable Through Title V Permit
16. Permittee shall maintain records, on a monthly basis, of the weighted average monomer VOC content for each open molding resin or gel coat material used at this facility, determined based on a 12-month rolling average, using Equation 1 of District Rule 4684. [District Rule 2520] Federally Enforceable Through Title V Permit
17. Permittee shall maintain the following records: 1) Daily records of the type and quantity of all resins, gel coats, fillers, catalysts, and cleaning materials (including cleaning solvents) used in each operation; 2) Records of the VOC content, in weight percent, of all polyester resin and gel coat, filler materials, including the weight percent of non-monomer VOC content of the resin and gel coat, used or stored at the facility; and 3) Records of the VOC content of all cleaning materials used and stored at the facility as specified in Section 5.3 of District Rule 4684. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit
18. Permittee shall retain all records on site for a period of five years, shall make the records available on site during normal business hours to the District, ARB, or EPA, and shall submit the records to the District, ARB, or EPA upon request. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1074-3-5

EXPIRATION DATE: 04/30/2021

## EQUIPMENT DESCRIPTION:

POLYESTER RESIN AND FIBERGLASS APPLICATION OPERATION TO MOLDS CONSISTING OF HVLP, NON-ATOMIZING FLOW COATER APPLICATOR(S), A 12'W X 10'L X 8'H SPRAY BOOTH (BOOTH #2), 28 (20" X 20") FILTERS AND A 2 HP EXHAUST FAN

## PERMIT UNIT REQUIREMENTS

---

1. All filters shall be properly maintained and must be in place during the resin operation. [District Rule 4102]
2. VOC emissions from this polyester resin and fiberglass application operation shall not exceed 25.8 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
3. VOC emissions from resins used shall be calculated as follows: Resin Usage (gal/day) x Density of Resin (lb/gal) x 1 ton/2000 lb x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table (lb/ton). [District Rule 2201] Federally Enforceable Through Title V Permit
4. Permittee shall calculate the fiberglass boat manufacturing facility emissions to demonstrate if the VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, at the facility are equal to or greater than 2.7 tons per 12-month rolling period, before consideration of controls. [District Rule 4684] Federally Enforceable Through Title V Permit
5. Permittee shall not use materials in any open molding process that exceed the following weighted average monomer VOC content limits, in weight percent: production resin atomized (spray) - 28%; production resin non-atomized - 35%; pigmented gel coat - 33%; clear gel coat - 48%; tooling resin atomized - 30%; tooling resin non-atomized - 39%; or tooling gel coat - 40%. [District Rule 4684] Federally Enforceable Through Title V Permit
6. The non-monomer VOC content of each resin and gel coat shall not constitute more than 5 percent by weight of the resin or gel coat. [District Rule 4684] Federally Enforceable Through Title V Permit
7. The weighted average monomer VOC content for each open molding resin or gel coat material used at this facility shall be determined based on a 12-month rolling average using Equation 1 of District Rule 4684: Weighted Average Monomer VOC Content = [Summation of (Mi x VOCi)] / [Summation of Mi]; where Mi = Mass of open molding resin or gel coat 'i' used in the past 12 months in an operation, in megagrams; and VOCi = Monomer VOC content, by weight percent, of open molding resin or gel coat 'i' used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit
8. Permittee shall ensure that all containers greater than 208 liters (55 gallons), including those used for on-site mixing of putties and polyputties, have a cover with no visible gaps in place at all times, except when material is being manually added or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container. [District Rule 4684] Federally Enforceable Through Title V Permit
9. The VOC content of organic solvents used in cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4684] Federally Enforceable Through Title V Permit
10. Permittee shall store or dispose of all uncured polyester resin materials, fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in self-closing, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the containers are empty. [District Rule 4684] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Permittee shall keep records of the daily and cumulative annual (calendar year) VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain records, on a monthly basis, of the facility's 12-month rolling period VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, before consideration of controls. [District Rule 2520] Federally Enforceable Through Title V Permit
13. Permittee shall maintain records, on a monthly basis, of the weighted average monomer VOC content for each open molding resin or gel coat material used at this facility, determined based on a 12-month rolling average, using Equation 1 of District Rule 4684. [District Rule 2520] Federally Enforceable Through Title V Permit
14. Permittee shall maintain the following records: 1) Daily records of the type and quantity of all resins, gel coats, fillers, catalysts, and cleaning materials (including cleaning solvents) used in each operation; 2) Records of the VOC content, in weight percent, of all polyester resin and gel coat, filler materials, including the weight percent of non-monomer VOC content of the resin and gel coat, used or stored at the facility; and 3) Records of the VOC content of all cleaning materials used and stored at the facility as specified in Section 5.3 of District Rule 4684. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit
15. Permittee shall retain all records on site for a period of five years, shall make the records available on site during normal business hours to the District, ARB, or EPA, and shall submit the records to the District, ARB, or EPA upon request. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1074-4-5

**EXPIRATION DATE:** 04/30/2021

**EQUIPMENT DESCRIPTION:**

POLYESTER GEL COAT APPLICATION OPERATION TO MOLDS CONSISTING OF HVLP AND AIR-ASSISTED AIRLESS SPRAY GUNS, A 13'W X 15'L X 10'H SPRAY KING 200 SPRAY/TOOLING BOOTH (BOOTH #5), 18 (20" X 20") FILTERS AND A 2 HP EXHAUST FAN

## PERMIT UNIT REQUIREMENTS

---

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All filters shall be properly maintained and must be in place during the resin and gel coat operations. [District Rule 4102]
3. VOC emissions from this resin and gel coat application operation shall not exceed 14.2 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. VOC emissions from resins used shall be calculated as follows: Resin Usage (gal/day) x Density of Resin (lb/gal) x 1 ton/2000 lb x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table (lb/ton). [District Rule 2201] Federally Enforceable Through Title V Permit
5. VOC emissions from gelcoats used shall be calculated as follows: Gelcoat Usage (gal/day) x Density of Gelcoat (lb/gal) x 1 ton/2000 lb x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table for styrene + Gelcoat Usage (gal/day) x Density of Gelcoat (lb/gal) x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table for MMA. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM10 emissions from this resin and gel coat application operation shall not exceed 7.6 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. PM10 emissions from gelcoats used shall be calculated as follows: Gelcoat Usage (gal/day) x Density of Gelcoat (lb/gal) x Solids Content (% by weight) x 0.187. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall calculate the fiberglass boat manufacturing facility emissions to demonstrate if the VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, at the facility are equal to or greater than 2.7 tons per 12-month rolling period, before consideration of controls. [District Rule 4684] Federally Enforceable Through Title V Permit
9. Permittee shall not use materials in any open molding process that exceed the following weighted average monomer VOC content limits, in weight percent: production resin atomized (spray) - 28%; production resin non-atomized - 35%; pigmented gel coat - 33%; clear gel coat - 48%; tooling resin atomized - 30%; tooling resin non-atomized - 39%; or tooling gel coat - 40%. [District Rule 4684] Federally Enforceable Through Title V Permit
10. The non-monomer VOC content of each resin and gel coat shall not constitute more than 5 percent by weight of the resin or gel coat. [District Rule 4684] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.



11. The weighted average monomer VOC content for each open molding resin or gel coat material used at this facility shall be determined based on a 12-month rolling average using Equation 1 of District Rule 4684: Weighted Average Monomer VOC Content =  $[\text{Summation of } (M_i \times \text{VOC}_i)] / [\text{Summation of } M_i]$ ; where  $M_i$  = Mass of open molding resin or gel coat 'i' used in the past 12 months in an operation, in megagrams; and  $\text{VOC}_i$  = Monomer VOC content, by weight percent, of open molding resin or gel coat 'i' used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit
12. Permittee shall ensure that all containers greater than 208 liters (55 gallons), including those used for on-site mixing of putties and polyputties, have a cover with no visible gaps in place at all times, except when material is being manually added or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container. [District Rule 4684] Federally Enforceable Through Title V Permit
13. The VOC content of organic solvents used in cleaning operations shall not exceed 25 g/l (0.21 lb/gal). [District Rule 4684] Federally Enforceable Through Title V Permit
14. Permittee shall store or dispose of all uncured polyester resin materials, fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc., coatings, adhesives, catalysts, and thinners in self-closing, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the containers are empty. [District Rule 4684] Federally Enforceable Through Title V Permit
15. Permittee shall keep records of the daily and cumulative annual (calendar year) VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Permittee shall maintain records, on a monthly basis, of the facility's 12-month rolling period VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, before consideration of controls. [District Rule 2520] Federally Enforceable Through Title V Permit
17. Permittee shall maintain records, on a monthly basis, of the weighted average monomer VOC content for each open molding resin or gel coat material used at this facility, determined based on a 12-month rolling average, using Equation 1 of District Rule 4684. [District Rule 2520] Federally Enforceable Through Title V Permit
18. Permittee shall maintain the following records: 1) Daily records of the type and quantity of all resins, gel coats, fillers, catalysts, and cleaning materials (including cleaning solvents) used in each operation; 2) Records of the VOC content, in weight percent, of all polyester resin and gel coat, filler materials, including the weight percent of non-monomer VOC content of the resin and gel coat, used or stored at the facility; and 3) Records of the VOC content of all cleaning materials used and stored at the facility as specified in Section 5.3 of District Rule 4684. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit
19. Permittee shall retain all records on site for a period of five years, shall make the records available on site during normal business hours to the District, ARB, or EPA, and shall submit the records to the District, ARB, or EPA upon request. [District Rules 2520 and 4684] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1074-5-3

**EXPIRATION DATE:** 04/30/2021

**EQUIPMENT DESCRIPTION:**

WOOD AND FIBERGLASS TRIM GRINDING OPERATION CONSISTING OF A 12'W X 24'L X 9'H PARTS GRINDING BOOTH (BOOTH #3), 20 (20" X 20") FILTERS AND A 2 HP EXHAUST FAN

## PERMIT UNIT REQUIREMENTS

---

1. All filters shall be properly maintained and must be in place during the grinding operation. [District Rule 4102]
2. All equipment or systems installed or used to achieve compliance with the terms and conditions of this permit shall be maintained in good working order and be operated as efficiently as possible to minimize air pollution emissions. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-1074-6-3

**EXPIRATION DATE:** 04/30/2021

**EQUIPMENT DESCRIPTION:**

WOOD AND FIBERGLASS TRIM GRINDING OPERATION CONSISTING OF A 14'W X 48'L X 10'H SPRAY KING 200 GRINDING BOOTH (BOOTH #4), 18 (20" X 20") FILTERS AND A 2 HP EXHAUST FAN

## PERMIT UNIT REQUIREMENTS

---

1. All filters shall be properly maintained and must be in place during the grinding operation. [District Rule 4102]
2. All equipment or systems installed or used to achieve compliance with the terms and conditions of this permit shall be maintained in good working order and be operated as efficiently as possible to minimize air pollution emissions. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1074-7-5

EXPIRATION DATE: 04/30/2021

## EQUIPMENT DESCRIPTION:

POLYESTER GEL COAT APPLICATION OPERATION TO MOLDS AND PATTERNS CONSISTING OF HVLP AND AIR-ASSISTED AIRLESS SPRAY GUNS, A 14'W X 26'L X 9'H DEVILBISS SPRAY BOOTH (BOOTH #6), 12 (24" X 20") FILTERS AND A 2 HP EXHAUST FAN

## PERMIT UNIT REQUIREMENTS

---

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All filters shall be properly maintained and must be in place during the gel coat operation. [District Rule 4102]
3. VOC emissions from this gel coat application operation shall not exceed 97.6 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. VOC emissions from gelcoats used shall be calculated as follows: Gelcoat Usage (gal/day) x Density of Gelcoat (lb/gal) x 1 ton/2000 lb x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table for styrene + Gelcoat Usage (gal/day) x Density of Gelcoat (lb/gal) x appropriate emissions factor from the Unified Emission Factors for Open Molding of Composites table for MMA. [District Rule 2201] Federally Enforceable Through Title V Permit
5. PM10 emissions from this resin and gel coat application operation shall not exceed 79.4 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM10 emissions from gelcoats used shall be calculated as follows: Gelcoat Usage (gal/day) x Density of Gelcoat (lb/gal) x Solids Content (% by weight) x 0.187. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Permittee shall calculate the fiberglass boat manufacturing facility emissions to demonstrate if the VOC emissions from all fiberglass boat manufacturing operations, including related solvent cleaning activities, at the facility are equal to or greater than 2.7 tons per 12-month rolling period, before consideration of controls. [District Rule 4684] Federally Enforceable Through Title V Permit
8. Permittee shall not use materials in any open molding process that exceed the following weighted average monomer VOC content limits, in weight percent: production resin atomized (spray) - 28%; production resin non-atomized - 35%; pigmented gel coat - 33%; clear gel coat - 48%; tooling resin atomized - 30%; tooling resin non-atomized - 39%; or tooling gel coat - 40%. [District Rule 4684] Federally Enforceable Through Title V Permit
9. The non-monomer VOC content of each resin and gel coat shall not constitute more than 5 percent by weight of the resin or gel coat. [District Rule 4684] Federally Enforceable Through Title V Permit
10. The weighted average monomer VOC content for each open molding resin or gel coat material used at this facility shall be determined based on a 12-month rolling average using Equation 1 of District Rule 4684: Weighted Average Monomer VOC Content = [Summation of (Mi x VOCi)] / [Summation of Mi]; where Mi = Mass of open molding resin or gel coat 'i' used in the past 12 months in an operation, in megagrams; and VOCi = Monomer VOC content, by weight percent, of open molding resin or gel coat 'i' used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.