

July 07, 2020

Mr. Paul Singer
Fineline Industries LLC
2047 Grogan Ave
Merced, CA 95341

Re: Notice of Final Action - Title V Permit Renewal
Facility Number: N-1246
Project Number: N-1191053

Dear Mr. Singer:

The District has issued the Final Renewed Title V Permit for Fineline Industries LLC (see enclosure). The preliminary decision for this project was made on May 13, 2020.

The public notice for issuance of the Final Title V Permit will be posted on the District's website (www.valleyair.org).

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: Courtney Graham, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via EPS

Samir Sheikh
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



Facility # N-1246
FINELINE INDUSTRIES, LLC
2047 GROGAN AVE
MERCED, CA 95341-6440

Notice of Permit Issuance

The enclosed permit unit requirements authorize the operation of the equipment as described. These permit unit requirements supersede any and all previous permits for the specified equipment.* Please insert these documents into the Facility Permit to Operate, and post copies on or near the equipment as required by District Rule 2010.

Please contact any of our Small Business Assistance (SBA) staff at the numbers below if you have any questions:

Modesto:	(209) 557-6446
Fresno:	(559) 230-5888
Bakersfield:	(661) 392-5665

*Failure to comply with the permit unit requirements may result in enforcement action.

Samir Sheikh
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
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Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585

Permit to Operate

FACILITY: N-1246

EXPIRATION DATE: 09/30/2024

LEGAL OWNER OR OPERATOR:

FINELINE INDUSTRIES, LLC

MAILING ADDRESS:

2047 GROGAN AVE
MERCED, CA 95341-6440

FACILITY LOCATION:

455 GROGAN AVENUE
MERCED, CA

FACILITY DESCRIPTION:

MANUFACTURER OF FIBERGLASS BOATS

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.

Samir Sheikh
Executive Director / APCO

Arnaud Marjollet
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: N-1246-0-4

EXPIRATION DATE: 09/30/2024

FACILITY-WIDE REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. 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 Rule 109 (Merced)] Federally Enforceable Through Title V Permit
3. 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 Rule 109 (Merced)] Federally Enforceable Through Title V Permit
4. 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
5. 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 (12/18/14). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
6. 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 9.13.1] Federally Enforceable Through Title V Permit
7. 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
8. 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
9. 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
10. 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

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: FINELINE INDUSTRIES, LLC
Location: 455 GROGAN AVENUE, MERCED, CA
N-1246-0-4 : Jun 30 2020 8:12AM - GARCIAJ

11. 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
12. 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
13. 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
14. 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
15. 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
16. 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
17. 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
18. 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
19. 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
20. 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
21. 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
22. 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
23. 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 (02/17/05). 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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. 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 Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
25. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
26. 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, 6.1 and 6.3] Federally Enforceable Through Title V Permit
27. 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
28. 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 Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
29. 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 Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
30. 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 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
31. 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 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
32. 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 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
33. 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 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
34. 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 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit
35. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 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 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
36. 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

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

37. 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
38. 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
39. 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
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Merced), Rule 109 (Merced), and Rule 202 (Merced). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. 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 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin 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: N-1246-1-5

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

GEL COAT OPERATION SERVED BY SPRAY BOOTH #1 (BLEEKER BROS. STANDARD F-20-7, 3 HP)

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. The weighted-average monomer VOC content, by weight percent, of the resin or gel coat materials used at this facility shall not exceed any of the following limits: (1) Pigmented Gel Coats - 33%, (2) Clear Gel Coats - 48%, (3) Tooling Gel Coats: 40%, (4) Resins (non-atomized) - 35%, or (5) Tooling Resins (non-atomized) - 39%. [District Rule 4684] Federally Enforceable Through Title V Permit
3. The weighted-average monomer VOC content for each 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 resin or gel coat 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 used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit
4. Spray application of polyester resin shall only be performed using airless, air assisted airless, or high-volume low-pressure (HVLP) spray equipment. [District Rule 4684] Federally Enforceable Through Title V Permit
5. The permittee shall not use organic solvents that exceed 25 g/l for any of the following: (a). For product cleaning during manufacturing process or surface preparation for coating application; (b). For repair and maintenance cleaning; (c) For cleaning of polyester resin application equipment. [District Rule 4684] Federally Enforceable Through Title V Permit
6. 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 container is empty. [District Rule 4684] Federally Enforceable Through Title V Permit
7. Permittee shall maintain the following records: daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation; records of the VOC content (in weight percent) of all polyester resin materials, including the weight percent of non-monomer VOC of the resin materials, used or stored at the facility; records of the VOC content of all cleaning materials used and stored at the facility. [District Rule 4684] Federally Enforceable Through Title V Permit
8. Compliance using the emissions averaging requirements of 40 CFR Part 63, Subpart VVVV 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 63.5710(a)] Federally Enforceable Through Title V Permit
9. At the end of every month, 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 past 12-month period. [40 CFR 63.5710(b)] 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.

10. The organic HAP emissions from this facility shall not exceed the limit established by Equation 1 of 40 CFR 63.5698(b) excluding the exempt materials specified in 40 CFR 63.5698(d): $\text{HAP Limit} = [(46 \times \text{Mr}) + (159 \times \text{Mpg}) + (291 \times \text{Mcg}) + (54 \times \text{Mtr}) + (214 \times \text{Mtg})]$, 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
11. At the end of every month, the permittee shall calculate actual HAP emissions from the preceding 12 months using Equation 1 of 40 CFR 63.5710(b): $\text{Actual HAP Emissions} = (\text{PVr} \times \text{Mr}) + (\text{PVpg} \times \text{Mpg}) + (\text{PVcg} \times \text{Mcg}) + (\text{PVtr} \times \text{Mtr}) + (\text{PVtg} \times \text{Mtg})$, 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
12. At the end of every month, 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): $\text{Weighted-Average MACT Point Value (PVr, PVpg, PVcg, PVtr and PVtg)} = [\text{summation of (Mi} \times \text{PVi)}] / [\text{summation of Mi}]$, 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
13. 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 - $[0.014 \times (\text{Resin HAP\%, by weight})^{2.425}]$; atomized resin, plus vacuum bagging with roll out - $[0.01185 \times (\text{Resin HAP\%, by weight})^{2.425}]$; atomized resin, plus vacuum bagging without roll out - $[0.00945 \times (\text{Resin HAP\%, by weight})^{2.425}]$; nonatomized resin - $[0.014 \times (\text{Resin HAP\%, by weight})^{2.275}]$; nonatomized resin, plus bagging with roll out - $[0.0110 \times (\text{Resin HAP\%, by weight})^{2.275}]$; nonatomized resin, plus bagging without roll out - $[0.0076 \times (\text{Resin HAP\%, by weight})^{2.275}]$. [40 CFR 63.5710(d)] Federally Enforceable Through Title V Permit
14. Permittee shall use cleaning solvents that contain no more than 5% by weight of organic HAP content for routine cleaning of resin and gel coat application equipment. 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
15. 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
16. 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
17. At least once per month, 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) and 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

18. 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
19. 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
20. 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
21. 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
22. Permittee shall submit a compliance report to the District every 6 months. Each 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
23. 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
24. The following exemptions apply to gel coat and resin operations: (1) Pigmented, clear, and tooling 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% vinylester 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 vinylester 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
25. 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 operation, expressed as weight percent; (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
26. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070, 2520, 9.4.2 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: N-1246-2-5

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

GEL COAT OPERATION SERVED BY SPRAY BOOTH #2 (BLEEKER BROS. STANDARD F-20-7, 3 HP)

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. The weighted-average monomer VOC content, by weight percent, of the resin or gel coat materials used at this facility shall not exceed any of the following limits: (1) Pigmented Gel Coats - 33%, (2) Clear Gel Coats - 48%, (3) Tooling Gel Coats: 40%, (4) Resins (non-atomized) - 35%, or (5) Tooling Resins (non-atomized) - 39%. [District Rule 4684] Federally Enforceable Through Title V Permit
3. The weighted-average monomer VOC content for each 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 resin or gel coat used in the past 12 months in an operation, in megagrams; and VOC_i = Monomer VOC content, by weight percent, of open molding resin or gel coat used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit
4. Spray application of polyester resin shall only be performed using airless, air assisted airless, or high-volume low-pressure (HVLP) spray equipment. [District Rule 4684] Federally Enforceable Through Title V Permit
5. The permittee shall not use organic solvents that exceed 25 g/l for any of the following: (a). For product cleaning during manufacturing process or surface preparation for coating application; (b). For repair and maintenance cleaning; (c) For cleaning of polyester resin application equipment. [District Rule 4684] Federally Enforceable Through Title V Permit
6. 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 container is empty. [District Rule 4684] Federally Enforceable Through Title V Permit
7. Permittee shall maintain the following records: daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation; records of the VOC content (in weight percent) of all polyester resin materials, including the weight percent of non-monomer VOC of the resin materials, used or stored at the facility; records of the VOC content of all cleaning materials used and stored at the facility. [District Rule 4684] Federally Enforceable Through Title V Permit
8. Compliance using the emissions averaging requirements of 40 CFR Part 63, Subpart VVVV 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 63.5710(a)] Federally Enforceable Through Title V Permit
9. At the end of every month, 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 past 12-month period. [40 CFR 63.5710(b)] 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.

10. The organic HAP emissions from this facility shall not exceed the limit established by Equation 1 of 40 CFR 63.5698(b) excluding the exempt materials specified in 40 CFR 63.5698(d): $\text{HAP Limit} = [(46 \times \text{Mr}) + (159 \times \text{Mpg}) + (291 \times \text{Mcg}) + (54 \times \text{Mtr}) + (214 \times \text{Mtg})]$, 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
11. At the end of every month, the permittee shall calculate actual HAP emissions from the preceding 12 months using Equation 1 of 40 CFR 63.5710(b): $\text{Actual HAP Emissions} = (\text{PVr} \times \text{Mr}) + (\text{PVpg} \times \text{Mpg}) + (\text{PVcg} \times \text{Mcg}) + (\text{PVtr} \times \text{Mtr}) + (\text{PVtg} \times \text{Mtg})$, 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
12. At the end of every month, 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): $\text{Weighted-Average MACT Point Value (PVr, PVpg, PVcg, PVtr and PVtg)} = [\text{summation of (Mi} \times \text{PVi)}] / [\text{summation of Mi}]$, 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
13. 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 - $[0.014 \times (\text{Resin HAP\%, by weight})^{2.425}]$; atomized resin, plus vacuum bagging with roll out - $[0.01185 \times (\text{Resin HAP\%, by weight})^{2.425}]$; atomized resin, plus vacuum bagging without roll out - $[0.00945 \times (\text{Resin HAP\%, by weight})^{2.425}]$; nonatomized resin - $[0.014 \times (\text{Resin HAP\%, by weight})^{2.275}]$; nonatomized resin, plus bagging with roll out - $[0.0110 \times (\text{Resin HAP\%, by weight})^{2.275}]$; nonatomized resin, plus bagging without roll out - $[0.0076 \times (\text{Resin HAP\%, by weight})^{2.275}]$. [40 CFR 63.5710(d)] Federally Enforceable Through Title V Permit
14. Permittee shall use cleaning solvents that contain no more than 5% by weight of organic HAP content for routine cleaning of resin and gel coat application equipment. 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
15. 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
16. 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
17. At least once per month, 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) and 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

18. 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
19. 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
20. 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
21. 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
22. Permittee shall submit a compliance report to the District every 6 months. Each 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
23. 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
24. The following exemptions apply to gel coat and resin operations: (1) Pigmented, clear, and tooling 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% vinylester 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 vinylester 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
25. 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 operation, expressed as weight percent; (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
26. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070, 2520, 9.4.2 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: N-1246-3-6

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

FIBERGLASS GRINDING OPERATION CONDUCTED INSIDE A BUILDING WITH FILTERS DUCTED TO TWO GLOBAL FINISHING SYSTEMS BLOWER DISCHARGE STACKS

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. Visible emissions from each discharge stack serving the grinding operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rules 2201 and 4101] Federally Enforceable Through Title V Permit
3. The grinding operation shall be conducted inside a building area which is partitioned from the main building with a solid wall containing roll up doors and a walk in door. The wall shall completely seal the cross sectional area between the roof and the floor, with an exception of any necessary natural draft openings (NDO) needed to bring make-up air into the grinding area. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The direction of make-up air flow through each NDO shall occur into the grinding area. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The owner or operator shall keep a sketch of the grinding area showing each NDO, direction of airflow through each NDO, and measured air velocity across each NDO. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The grinding area laden air shall be discharged through the filters prior to being released into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The exhaust blowers shall be switched on prior to the start of the grinding operation. [District Rule 2201] Federally Enforceable Through Title V Permit
8. All filters shall be properly maintained and must be in place during the grinding operation. [District Rule 2201] Federally Enforceable Through Title V Permit
9. A spare set of filters shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
10. PM10 emissions from this operation shall not exceed 0.26 pounds per pound of fiberglass waste collected from the floor. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The quantity of fiberglass waste collected from the floor shall not exceed 10 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The owner or operator shall keep a daily record of the quantity of fiberglass waste collected from the floor in pounds. [District Rule 2201] Federally Enforceable Through Title V Permit
13. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-1246-4-4

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

WOODWORKING OPERATION CONSISTING OF ONE TABLE SAW, ONE BAND SAW, ONE MITER SAW, TWO WORMDRIVE SAWS, ONE SKILL SAW, AND TWO SANDERS

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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1246-5-5

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

WOODWORKING OPERATION CONSISTING OF ONE ROUTER, ONE CHOP SAW, AND ONE BAND SAW. THE ROUTER IS SERVED BY A MURPHY RODGERS, MODEL NO. MRT-9A, DUST COLLECTOR

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. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
3. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
4. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
7. A spare bag shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The dust collector cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Visible emissions from the baghouse serving the woodworking operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All ducting from the woodworking equipment to the dust collector shall be properly maintained to prevent fugitive dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The amount of sawdust collected in the dust collector shall not exceed 400.0 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The PM10 emissions shall not exceed 0.004 pounds per pound of sawdust collected. [District Rule 2201] Federally Enforceable Through Title V Permit
13. A daily log shall be maintained and shall include the date and quantity of sawdust collected. [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.

14. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 2520, 9.4.2] 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: N-1246-8-2

EXPIRATION DATE: 09/30/2024

EQUIPMENT DESCRIPTION:

FIBERGLASS LAMINATION OPERATION UTILIZING OPEN MOLDS WITH MANUAL RESIN APPLICATION (HAND LAYUP) AND MECHANICAL NON-ATOMIZED RESIN APPLICATION WITH FLUID IMPINGEMENT TECHNOLOGY (FIT) CHOPPER GUNS (SPRAY LAYUP) FOR THE MANUFACTURING OF BOAT BODIES

PERMIT UNIT REQUIREMENTS

1. The weighted-average monomer VOC content, by weight percent, of the resin or gel coat materials used at this facility shall not exceed any of the following limits: (1) Pigmented Gel Coats - 33%, (2) Clear Gel Coats - 48%, (3) Tooling Gel Coats: 40%, (4) Resins (non-atomized) - 35%, and (5) Tooling Resins (non-atomized) - 39%. [District Rule 4684] Federally Enforceable Through Title V Permit
2. The weighted-average monomer VOC content for each 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 resin or gel coat 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 used in the past 12 months in an operation. [District Rule 4684] Federally Enforceable Through Title V Permit
3. Application of the polyester resins shall only be performed using the following methods: (a). Hand layup application techniques; (b). Non-atomizing spray application; or (c). Any equivalent method as approved by the APCO. [District Rule 4684] Federally Enforceable Through Title V Permit
4. The permittee shall not use organic solvents that exceed any of the following limits: (a). For product cleaning during manufacturing process or surface preparation for coating application: 25 g/l; (b). For repair and maintenance cleaning: 25 g/l; (c) For cleaning of polyester resin application equipment: 25 g/l. [District Rule 4684] Federally Enforceable Through Title V Permit
5. Permittee shall store and dispose of all uncured polyester resin materials, fresh or spent solvents, waste solvent cleaning materials such as paper, cloth, etc., catalysts, hardeners, 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 container is empty. [District Rule 4684] Federally Enforceable Through Title V Permit
6. Permittee shall maintain the following records: daily records of the type and quantity of all resins, catalysts, and cleaning materials used in each operation; records of the VOC content (in weight percent) of all polyester resin materials, including the weight percent of non-monomer VOC of the resin materials, used or stored at the facility; records of the VOC content of all cleaning materials used and stored at the facility. [District Rule 4684] Federally Enforceable Through Title V Permit
7. Compliance using the emissions averaging requirements of 40 CFR Part 63, Subpart VVVV 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 63.5710(a)] Federally Enforceable Through Title V Permit
8. At the end of every month, 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 in 40 CFR 63.5698, for the past 12-month period. [40 CFR 63.5710(b)] 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.

9. The organic HAP emissions from this facility shall not exceed the limit established by Equation 1 of 40 CFR 63.5698(b) excluding the exempt materials specified in 40 CFR 63.5698(d): $\text{HAP Limit} = [(46 \times \text{Mr}) + (159 \times \text{Mpg}) + (291 \times \text{Mcg}) + (54 \times \text{Mtr}) + (214 \times \text{Mtg})]$, 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
10. At the end of every month, the permittee shall calculate the actual HAP emissions from the preceding 12 months using Equation 1 of 40 CFR 63.5710(b): $\text{Actual HAP Emissions} = (\text{PVr} \times \text{Mr}) + (\text{PVpg} \times \text{Mpg}) + (\text{PVcg} \times \text{Mcg}) + (\text{PVtr} \times \text{Mtr}) + (\text{PVtg} \times \text{Mtg})$, 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
11. At the end of every month, 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): $\text{Weighted-Average MACT Point Value (PVr, PVpg, PVcg, PVtr and PVtg)} = [\text{summation of (Mi} \times \text{PVi)}] / [\text{summation of Mi}]$, 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
12. 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 - $[0.014 \times (\text{Resin HAP\%, by weight})^{2.425}]$; atomized resin, plus vacuum bagging with roll out - $[0.01185 \times (\text{Resin HAP\%, by weight})^{2.425}]$; atomized resin, plus vacuum bagging without roll out - $[0.00945 \times (\text{Resin HAP\%, by weight})^{2.425}]$; nonatomized resin - $[0.014 \times (\text{Resin HAP\%, by weight})^{2.275}]$; nonatomized resin, plus bagging with roll out - $[0.0110 \times (\text{Resin HAP\%, by weight})^{2.275}]$; nonatomized resin, plus bagging without roll out - $[0.0076 \times (\text{Resin HAP\%, by weight})^{2.275}]$. [40 CFR 63.5710(d)] Federally Enforceable Through Title V Permit
13. Permittee shall use cleaning solvents that contain no more than 5% by weight of organic HAP content for routine cleaning of resin and gel coat application equipment. 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
14. 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
15. 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
16. At least once per month, all gel coat and resin mixing containers with a capacity equal to or greater than 55 gallon (including those used for on-site mixing of putties and polyputties) and 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

17. 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
18. 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
19. 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
20. 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
21. Permittee shall submit a compliance report to the District every 6 months. Each 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
22. 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
23. The following exemptions apply to gel coat and resin operations: (1) Pigmented, clear, and tooling 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% vinylester 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 vinylester 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
24. 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 operation, expressed as weight percent; (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
25. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 4684 and 40 CFR 63.5770] Federally Enforceable Through Title V Permit

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