



MAY 19 2016

Mr. Dennis Murray  
Containment Solutions Inc.  
2600 Pegasus Dr  
Bakersfield CA 93308-6809

**Re: Notice of Final Action - Title V Permit Renewal  
District Facility # S-1810  
Project # S-1141739**

Dear Mr. Murray:

The District has issued the Final Renewed Title V Permit for Containment Solutions Inc.. The preliminary decision for this project was made on March 22, 2016. No comments were received subsequent to the District 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

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

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**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 # S-1810  
CONTAINMENT SOLUTIONS INC.  
2600 PEGASUS DR  
BAKERSFIELD, CA 93308

## 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.

**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

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**Southern Region**

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

# Permit to Operate

**FACILITY:** S-1810

**EXPIRATION DATE:** 05/31/2021

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

CONTAINMENT SOLUTIONS INC.  
2600 PEGASUS DR  
BAKERSFIELD, CA 93308

**FACILITY LOCATION:**

2600 PEGASUS DR  
BAKERSFIELD, CA 93308

**FACILITY DESCRIPTION:**

TANK 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: S-1810-0-4

EXPIRATION DATE: 05/31/2021

## FACILITY-WIDE REQUIREMENTS

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1. 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
2. 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
3. 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
4. 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 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. 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, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. 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
7. 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
8. 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
9. 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: CONTAINMENT SOLUTIONS INC.  
Location: 2600 PEGASUS DR, BAKERSFIELD, CA 93308  
S-1810-0-4 : Jul 12 2016 4:27PM - VELASCOA

10. 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
11. 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
12. 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
13. 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
14. 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
15. 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
16. 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
17. 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
18. 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
19. 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
20. 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
21. 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
22. 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.

23. 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
24. 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
25. 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
26. 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
27. 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
28. 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
29. 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 8021 and 8011] Federally Enforceable Through Title V Permit
30. 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 8031 and 8011] Federally Enforceable Through Title V Permit
31. 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 8041 and 8011] Federally Enforceable Through Title V Permit
32. 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 8051 and 8011] Federally Enforceable Through Title V Permit
33. 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 8061 and 8011] Federally Enforceable Through Title V Permit
34. 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 8071 and 8011] Federally Enforceable Through Title V Permit
35. 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  
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36. 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
37. 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
38. 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
39. 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), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. 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
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. The facility shall comply with all applicable requirements regarding preparation and implementation of a Risk Management Plan and shall abide by all applicable sections of 40 CFR Part 68. [40 CFR Part 68] Federally Enforceable Through Title V Permit
43. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin May 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. 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:** S-1810-1-12

**EXPIRATION DATE:** 05/31/2021

**SECTION:** 03 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

183.5 HP FIBERGLASS TANK SHELL PRODUCTION OPERATION WITH FIXED AND ROTATING FORMING MOLDS (INCLUDING TWO TANK/END CAP FORMING MACHINES), RESIN APPLICATION AS POUR OR NONATOMIZED SPRAY, RESIN HANDLING DAY TANKS AND PIPING SYSTEMS, AND OVERHEAD VAPOR COLLECTION HOODS WITH DUCTING TO OUTSIDE EXHAUST STACK

## PERMIT UNIT REQUIREMENTS

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1. Ventilation system shall consist of a 20,000 cfm blower and two hoods, one at each mandrel, equipped with dampers and exhaust gas filters. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Mixed resin for tank manufacturing line #1 shall contain no more than 47% styrene. Resins used shall be low VOC specialty resins as defined in District Rule 4684 (amended 8/18/11). [District NSR Rule; District Rule 4684, 5.1.1] Federally Enforceable Through Title V Permit
3. Maximum resin usage for tank manufacturing line #1 shall not exceed 8,300 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Mixed resin for permit units S-1810-1, -2, and -4 combined shall contain no more than 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 24,428 lb/day of glass. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Resin for tank wall forming shall only be poured onto mandrels. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Stored resin shall not be heated above 90 degrees F. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Volatile organic compound (VOC) emissions shall not exceed 104.0 lb/day (97.0 lb/day for this unit's tank shell forming/strap molding operations and 7.0 lb/day for this unit's resin receiving & storage.) [District NSR Rule] Federally Enforceable Through Title V Permit
8. Particulate matter (PM-10) emissions shall not exceed 5.8 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Only non-atomized spray guns shall be utilized for spray application of polyester resin. [District NSR Rule; District Rule 4684, 5.1.2] Federally Enforceable Through Title V Permit
10. Solvents containing no volatile organic compounds shall be used for equipment cleanup. [District NSR Rule; District Rule 4684, 5.3.1] Federally Enforceable Through Title V Permit
11. Permittee shall store or dispose of all uncured polyester resin materials, fresh or spent solvents, waste solvent cleaning materials, 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, 5.4] 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.



12. Permittee shall maintain daily records of the type, quantity, and composition of all resins, catalysts, and cleaning materials used in each operation. [District NSR Rule; District Rule 4684, 6.1.1.1] Federally Enforceable Through Title V Permit
13. Permittee shall maintain records of the composition and VOC content, in weight percent, of all polyester resin materials and shall maintain records of the VOC content of all cleaning materials used or stored at the facility. [District NSR Rule; District Rule 4684, 6.1.1.2 & 6.1.1.3] Federally Enforceable Through Title V Permit
14. The operator shall use the VOC emissions rate based on this operation's VOC emissions source testing and the maximum resin usage to demonstrate compliance with the HAP emissions limit in Table 3 to Subpart WWWW of 40 CFR Part 63. Source testing to measure VOC emissions shall be conducted at least once every five years and whenever a new type of resin is used. [District Rule 2520, 9.3.2 and 40 CFR 63.5796] Federally Enforceable Through Title V Permit
15. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
16. Particulate matter emissions shall not exceed the hourly rate calculated in District Rule 4202 (amended December 17, 1992) using the equation  $E=3.59 \cdot P^{0.62}$ : where P is process weight in tons/per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
17. Ventilation system shall be inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. Exhaust filters shall be inspected annually for tears, scuffs, abrasions, or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. At least one spare exhaust filter shall be maintained on the premises at all times. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit
20. Visible emissions shall be evaluated using EPA method 22 for a period of at least 5 minutes at least once a week during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the filters for any tears, abrasions, or holes; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
22. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
23. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
24. The following source test methods shall be used: VOC stack emissions - EPA methods 18, 25 or 25A; stack volumetric flow rate - EPA Method 2. [District Rule 1081] Federally Enforceable Through Title V Permit
25. 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, 9.4.1] Federally Enforceable Through Title V Permit
26. The operator must meet and be in compliance at all times with the organic HAP emissions limits of Table 3 and the work practice standards in Table 4 of 40 CFR 63, subpart WWWW. [CFR 63.5805(b) and 63.5835(a)] 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.

27. Compliance with the organic HAP emissions limit shall be demonstrated by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Table 3 of 40 CFR 63, subpart WWW, on a 12-month rolling average. [40 CFR 63.5900(a)(2)] Federally Enforceable Through Title V Permit
28. Operator shall collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used. Resin use records may be based on purchase records if you can reasonably estimate how the resin is applied. Organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier. [40 CFR 63.5895(c)] Federally Enforceable Through Title V Permit
29. Operator must keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents. [40 CFR 63.5915(c)] Federally Enforceable Through Title V Permit
30. Operator shall keep a certified statement that the operator is in compliance with the work practice requirements in Table 4 of 40 CFR 63, subpart WWW. [40 CFR 63.5915(d)] Federally Enforceable Through Title V Permit
31. Operator shall submit each applicable report in Table 14, 40 CFR 63, subpart WWW. [40 CFR 63.5910(a)] Federally Enforceable Through Title V Permit
32. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District NSR Rule; District Rules 2520, 9.4.2, 4684, 6.1.7, and 40 CFR 63.5920(a)-(d)] Federally Enforceable Through Title V Permit
33. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of District Rules 4201 (amended December 17, 1992), and 4202 (amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1810-2-12

**EXPIRATION DATE:** 05/31/2021

**SECTION:** 03 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

131.5 HP FIBERGLASS TANK SHELL PRODUCTION OPERATION WITH FIXED AND ROTATING FORMING MOLDS (INCLUDING ONE TANK/END CAP FORMING MACHINE AND NINE ROTATING END CAP MOLDS (4', 6', AND 8' DIAMETER), RESIN APPLICATION AS POUR OR NONATOMIZED SPRAY, RESIN HANDLING DAY TANKS AND PIPING SYSTEMS, AND OVERHEAD VAPOR COLLECTION HOODS WITH DUCTING TO OUTSIDE EXHAUST STACK

## PERMIT UNIT REQUIREMENTS

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1. Ventilation system shall consist of a 30,000 cfm blower and three hoods, one at each mandrel, equipped with dampers and exhaust gas filters, and one serving end cap liner system (S-1810-3). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Mixed resin for tank manufacturing line #2 shall contain no more than 47% styrene. Resins used shall be low VOC specialty resins as defined in District Rule 4684 (amended 8/18/11). [District NSR Rule; District Rule 4684, 5.1.1] Federally Enforceable Through Title V Permit
3. Mixed resin for permit units S-1810-1, -2, and -4 combined shall contain no more than 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 24,428 lb/day of glass. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Resin for tank wall forming shall only be poured onto mandrels. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored resin shall not be heated above 90 degrees F. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Maximum allowable resin usage for rotating steel mold and endcap forming operations shall not exceed 10,549 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Volatile organic compound (VOC) emissions shall not exceed 95.3 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Particulate matter (PM-10) emissions shall not exceed 13.1 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Only non-atomized spray guns shall be utilized for spray application of polyester resin. [District NSR Rule; District Rule 4684, 5.1.2] Federally Enforceable Through Title V Permit
10. Solvents containing no volatile organic compounds shall be used for equipment cleanup. [District NSR Rule; District Rule 4684, 5.3.1] Federally Enforceable Through Title V Permit
11. Permittee shall store or dispose of all uncured polyester resin materials, fresh or spent solvents, waste solvent cleaning materials, 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, 5.4] 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.

12. Permittee shall maintain daily records of the type, quantity, and composition of all resins, catalysts, and cleaning materials used in each operation. [District NSR Rule; District Rule 4684, 6.1.1.1] Federally Enforceable Through Title V Permit
13. Permittee shall maintain records of the composition and VOC content, in weight percent, of all polyester resin materials and shall maintain records of the VOC content of all cleaning materials used or stored at the facility. [District NSR Rule; District Rule 4684, 6.1.1.2 & 6.1.1.3] Federally Enforceable Through Title V Permit
14. The operator shall use the VOC emissions rate based on this operation's VOC emissions source testing and the maximum resin usage to demonstrate compliance with the HAP emissions limit in Table 3 to Subpart WWWW of 40 CFR Part 63. Source testing to measure VOC emissions shall be conducted at least once every five years and whenever a new type of resin is used. [District Rule 2520, 9.3.2 and 40 CFR 63.5796] Federally Enforceable Through Title V Permit
15. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
16. Particulate matter emissions shall not exceed the hourly rate calculated in District Rule 4202 (amended December 17, 1992) using the equation  $E=3.59 \cdot P^{0.62}$ ; where P is process weight in tons/per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
17. Ventilation system shall be inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. Exhaust filters shall be inspected annually for tears, scuffs, abrasions, or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. At least one spare exhaust filter shall be maintained on the premises at all times. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit
20. Visible emissions shall be evaluated using EPA method 22 for a period of at least 5 minutes at least once a week during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the filters for any tears, abrasions, or holes; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
22. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
23. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
24. The following source test methods shall be used: VOC stack emissions - EPA methods 18, 25 or 25A; stack volumetric flow rate - EPA Method 2. [District Rule 1081] Federally Enforceable Through Title V Permit
25. 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, 9.4.1] Federally Enforceable Through Title V Permit
26. The operator must meet and be in compliance at all times with the organic HAP emissions limits of Table 3 and the work practice standards in Table 4 of 40 CFR 63, subpart WWWW. [CFR 63.5805(b) and 63.5835(a)] 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.

27. Compliance with the organic HAP emissions limit shall be demonstrated by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Table 3 of 40 CFR 63, subpart WWW, on a 12-month rolling average. [40 CFR 63.5900(a)(2)] Federally Enforceable Through Title V Permit
28. Operator shall collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used. Resin use records may be based on purchase records if you can reasonably estimate how the resin is applied. Organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier. [40 CFR 63.5895(c)] Federally Enforceable Through Title V Permit
29. Operator must keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents. [40 CFR 63.5915(c)] Federally Enforceable Through Title V Permit
30. Operator shall keep a certified statement that the operator is in compliance with the work practice requirements in Table 4 of 40 CFR 63, subpart WWW. [40 CFR 63.5915(d)] Federally Enforceable Through Title V Permit
31. Operator shall submit each applicable report in Table 14, 40 CFR 63, subpart WWW. [40 CFR 63.5910(a)] Federally Enforceable Through Title V Permit
32. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District NSR Rule; District Rules 2520, 9.4.2, 4684, 6.1.7, and 40 CFR 63.5920(a)-(d)] Federally Enforceable Through Title V Permit
33. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of District Rules 4201 (amended December 17, 1992), and 4202 (amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1810-4-8

**EXPIRATION DATE:** 05/31/2021

**SECTION:** 03 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

FIBERGLASS TANK SHELL FINAL ASSEMBLY AREA #1, INCLUDING HAND LAY-UP RESIN AND GLASS APPLICATION EQUIPMENT

## PERMIT UNIT REQUIREMENTS

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1. Mixed resin for tank end cap liner molding operation shall contain no more than 2,500 lb/day of raw resin with no more than 47% styrene. Resins used shall be low VOC specialty resins as defined in District Rule 4684 (amended 8/1/11). [District NSR Rule; District Rule 4684, 5.1.1] Federally Enforceable Through Title V Permit
2. Mixed resin for permit units S-1810-1, -2, -3, and -4 combined shall contain no more than 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 24,428 lb/day of glass. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Volatile organic compound (VOC) emissions shall not exceed 25.0 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Only hand lay-up of styrene resin shall be performed (no spraying or pouring). [District NSR Rule; District Rules 4201, 3.0 and 4684, 5.0] Federally Enforceable Through Title V Permit
5. Only water-based solvents containing no volatile organic compounds shall be used for equipment cleanup. [District NSR Rule; District Rule 4684, 5.4] 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, 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, 5.4] Federally Enforceable Through Title V Permit
7. Permittee shall maintain daily records of the type, quantity, and composition of all resins, catalysts, and cleaning materials used in each operation. [District NSR Rule; District Rule 4684, 6.1.1.1] Federally Enforceable Through Title V Permit
8. Permittee shall maintain records of the composition and VOC content, in weight percent, of all polyester resin materials and shall maintain records of the VOC content of all cleaning materials used or stored at the facility. [District NSR Rule; District Rule 4684, 6.1.1.2 & 6.1.1.3] Federally Enforceable Through Title V Permit
9. The operator shall use the VOC emissions rate based on this operation's VOC emissions source testing and the maximum resin usage to demonstrate compliance with the HAP emissions limit in Table 3 to Subpart WWWW of 40 CFR Part 63. Source testing to measure VOC emissions shall be conducted at least once every five years and whenever a new type of resin is used. [District Rule 2520, 9.3.2 and 40 CFR 63.5796] Federally Enforceable Through Title V Permit
10. Particulate matter emissions shall not exceed the hourly rate calculated in District Rule 4202 (amended December 17, 1992) using the equation  $E=3.59 \cdot P^{0.62}$ : where P is process weight in tons/per hour. [District Rule 4202, 4.0] 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 operator must meet and be in compliance at all times with the organic HAP emissions limits of Table 3 and the work practice standards in Table 4 of 40 CFR 63, subpart WWW. [CFR 63.5805(b) and 63.5835(a)] Federally Enforceable Through Title V Permit
12. Compliance with the organic HAP emissions limit shall be demonstrated by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Table 3 of 40 CFR 63, subpart WWW, on a 12-month rolling average. [40 CFR 63.5900(a)(2)] Federally Enforceable Through Title V Permit
13. Operator shall collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used. Resin use records may be based on purchase records if you can reasonably estimate how the resin is applied. Organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier. [40 CFR 63.5895(c)] Federally Enforceable Through Title V Permit
14. Operator must keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents. [40 CFR 63.5915(c)] Federally Enforceable Through Title V Permit
15. Operator shall keep a certified statement that the operator is in compliance with the work practice requirements in Table 4 of 40 CFR 63, subpart WWW. [40 CFR 63.5915(d)] Federally Enforceable Through Title V Permit
16. Operator shall submit each applicable report in Table 14, 40 CFR 63, subpart WWW. [40 CFR 63.5910(a)] Federally Enforceable Through Title V Permit
17. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
18. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
19. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
20. The following source test methods shall be used: VOC stack emissions - EPA methods 18, 25 or 25A; stack volumetric flow rate - EPA Method 2. [District Rule 1081] Federally Enforceable Through Title V Permit
21. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District NSR Rule; District Rules 2520, 9.4.2, 4684, 6.1.7, and 40 CFR 63.5920(a)-(d)] Federally Enforceable Through Title V Permit
22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of District Rules 4201 (amended December 17, 1992), and 4202 (amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1810-8-7

**EXPIRATION DATE:** 05/31/2021

**SECTION:** SE03 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

TANK COATING OPERATION WITH HVLP GUNS, ENCLOSED GUN CLEANER AND WATER WASH CONTROL SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. All painting shall be conducted in an enclosed booth with water wash control system operating. [District NSR Rule; District Rule 4201] Federally Enforceable Through Title V Permit
2. VOC emissions from this operation shall not exceed 100 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Combined VOC emissions from S-1810-8 and S-1810-9 shall not exceed 136 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Combined PM10 emissions from S-1810-8 and S-1810-9 shall not exceed 45 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
6. VOC content of any coatings as applied, excluding water and exempt compounds, used for any metal parts or product shall not exceed any of the following limits, except as allowed elsewhere in this permit: baked coating 275 g/l (2.3 lb/gal), air-dried coating: 340 g/l (2.8 lb/gal). [District Rule 4603, 5.1] Federally Enforceable Through Title V Permit
7. VOC content of baked specialty coatings as applied, excluding water and exempt compounds, used for metal parts or product shall not exceed any of the following limits: extreme performance: 360 g/l (3.0 lb/gal), heat resistant: 360 g/l (3.0 lb/gal), extreme high gloss: 360 g/l (3.0 lb/gal), high temperature: 420 g/l (3.5 lb/gal), metallic coating: 360 g/l (3.0 lb/gal), pretreatment coating: 420 g/l (3.5 lb/gal), touch up and repair coating: 360 g/l (3.0 lb/gal), solar absorbent: 360 g/l (3.0 lb/gal), and solid film lubricant: 880 g/l (7.3 lb/gal). [District Rule 4603, 5.2] Federally Enforceable Through Title V Permit
8. VOC content of air-dried specialty coatings as applied, excluding water and exempt compounds, used for metal parts or product shall not exceed any of the following limits: extreme performance: 420 g/l (3.5 lb/gal), heat resistant: 420 g/l (3.5 lb/gal), extreme high gloss: 420 g/l (3.5 lb/gal), high temperature: 420 g/l (3.5 lb/gal), metallic coating: 420 g/l (3.5 lb/gal), pretreatment coating: 420 g/l (3.5 lb/gal), touch up and repair coating: 420 g/l (3.5 lb/gal), solar absorbent: 420 g/l (3.5 lb/gal), and solid film lubricant: 880 g/l (7.3 lb/gal). [District Rule 4603, 5.2] Federally Enforceable Through Title V Permit
9. Only High-Volume, Low-Pressure (HVLP), electrostatic, electrodeposition, flow, roll, dip, brush or continuous coating application equipment, or other application equipment approved by the District in writing (e.g. SprayTECH G-10 XL), shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4603, 5.12] Federally Enforceable Through Title V Permit
10. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4603, 5.12.3] 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. Store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers. The containers shall remain closed at all times, except when specifically in use. [District Rule 4603, 5.9.3] Federally Enforceable Through Title V Permit
12. Operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc, coatings, adhesives, catalyst, and thinners in closed, 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 4603, 5.11] Federally Enforceable Through Title V Permit
13. Operator shall not use organic solvents for cleaning operations that exceed the following VOC content limits: product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal); repair and maintenance cleaning: 25 g/l (0.21 lb/gal); cleaning of coating application equipment: 25 g/l (0.21 lb/gal). [District Rule 4603, 5.10.1] Federally Enforceable Through Title V Permit
14. Permittee shall maintain daily records of the following: volume coating/solvent mix ratio; VOC content (lb/gal or grams/liter); volume of each coating used (gallons), and quantity of cleanup solvent used (gallons). [District Rule 4603, 6.2] Federally Enforceable Through Title V Permit
15. Permittee shall maintain a current list of coatings and solvents in use which contains all of the coating data necessary to evaluate compliance, including the following information, as applicable: mix ratio of components used; VOC content and specific chemical constituents of coatings as applied; and VOC content and specific chemical constituents of solvents used for surface preparation and cleanup. [District Rule 4603, 6.2] Federally Enforceable Through Title V Permit
16. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4603, 6.2.5] Federally Enforceable Through Title V Permit
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of District Rules 4201 (amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1810-9-7

**EXPIRATION DATE:** 05/31/2021

**SECTION:** SE03 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

TANK COATING OPERATION WITH HVLP GUNS, ENCLOSED GUN CLEANER AND WATER WASH CONTROL SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. All painting shall be conducted in an enclosed booth with water wash control system operating. [District NSR Rule; District Rule 4201] Federally Enforceable Through Title V Permit
2. VOC emissions from this operation shall not exceed 100 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Combined VOC emissions from S-1810-8 and S-1810-9 shall not exceed 136 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Combined PM10 emissions from S-1810-8 and S-1810-9 shall not exceed 45 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
6. VOC content of any coatings as applied, excluding water and exempt compounds, used for any metal parts or product shall not exceed any of the following limits, except as allowed elsewhere in this permit: baked coating 275 g/l (2.3 lb/gal), air-dried coating: 340 g/l (2.8 lb/gal). [District Rule 4603, 5.1] Federally Enforceable Through Title V Permit
7. VOC content of baked specialty coatings as applied, excluding water and exempt compounds, used for metal parts or product shall not exceed any of the following limits: extreme performance: 360 g/l (3.0 lb/gal), heat resistant: 360 g/l (3.0 lb/gal), extreme high gloss: 360 g/l (3.0 lb/gal), high temperature: 420 g/l (3.5 lb/gal), metallic coating: 360 g/l (3.0 lb/gal), pretreatment coating: 420 g/l (3.5 lb/gal), touch up and repair coating: 360 g/l (3.0 lb/gal), solar absorbent: 360 g/l (3.0 lb/gal), and solid film lubricant: 880 g/l (7.3 lb/gal). [District Rule 4603, 5.2] Federally Enforceable Through Title V Permit
8. VOC content of air-dried specialty coatings as applied, excluding water and exempt compounds, used for metal parts or product shall not exceed any of the following limits: extreme performance: 420 g/l (3.5 lb/gal), heat resistant: 420 g/l (3.5 lb/gal), extreme high gloss: 420 g/l (3.5 lb/gal), high temperature: 420 g/l (3.5 lb/gal), metallic coating: 420 g/l (3.5 lb/gal), pretreatment coating: 420 g/l (3.5 lb/gal), touch up and repair coating: 420 g/l (3.5 lb/gal), solar absorbent: 420 g/l (3.5 lb/gal), and solid film lubricant: 880 g/l (7.3 lb/gal). [District Rule 4603, 5.2] Federally Enforceable Through Title V Permit
9. Only High-Volume, Low-Pressure (HVLP), electrostatic, electrodeposition, flow, roll, dip, brush or continuous coating application equipment, or other application equipment approved by the District in writing (e.g. SprayTECH G-10 XL), shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4603, 5.12] Federally Enforceable Through Title V Permit
10. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4603, 5.6.3] 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. Store all VOC-containing coatings, thinners, cleaning materials, and waste materials in closed non-absorbent and non-leaking containers. The containers shall remain closed at all times, except when specifically in use. [District Rule 4603, 5.9.3] Federally Enforceable Through Title V Permit
12. Operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc, coatings, adhesives, catalyst, and thinners in closed, 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 4603, 5.11] Federally Enforceable Through Title V Permit
13. Operator shall not use organic solvents for cleaning operations that exceed the following VOC content limits: product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal); repair and maintenance cleaning: 25 g/l (0.21 lb/gal); cleaning of coating application equipment: 25 g/l (0.21 lb/gal). [District Rule 4603, 5.10.1] Federally Enforceable Through Title V Permit
14. Permittee shall maintain daily records of the following: volume coating/solvent mix ratio; VOC content (lb/gal or grams/liter); volume of each coating used (gallons), and quantity of cleanup solvent used (gallons). [District Rule 4603, 6.2] Federally Enforceable Through Title V Permit
15. Permittee shall maintain a current list of coatings and solvents in use which contains all of the coating data necessary to evaluate compliance, including the following information, as applicable: mix ratio of components used; VOC content and specific chemical constituents of coatings as applied; and VOC content and specific chemical constituents of solvents used for surface preparation and cleanup. [District Rule 4603, 6.2] Federally Enforceable Through Title V Permit
16. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4603, 6.2.5] Federally Enforceable Through Title V Permit
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of District Rules 4201 (amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1810-10-3

**EXPIRATION DATE:** 05/31/2021

**EQUIPMENT DESCRIPTION:**

UNCONFINED ABRASIVE BLASTING OPERATION WITH A 600 LB SCHMIDT BLASTING UNIT MODEL #6.5 CF

## PERMIT UNIT REQUIREMENTS

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1. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]
2. Abrasive blasting shall only be performed if the item to be blasted exceeds 8 feet in any dimension or the surface being blasted is situated at its permanent location or no further away from its permanent location than is necessary to allow the surface to be blasted, unless steel or iron shot/grit is used exclusively. [92500 CCR]
3. Abrasive blasting operations which do not use steel or iron shot/grit exclusively shall use wet abrasive blasting, hydroblasting, vacuum blasting, or abrasives certified by CARB for permissible dry outdoor blasting. [92500 CCR]
4. Unconfined abrasive blasting operations shall not discharge air contaminants into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark or darker than Ringelmann 2 or equivalent to 40% opacity. [92200 CCR]
5. A used certified abrasive shall not be considered certified for reuse unless the abrasive conforms to its original cut-point fineness. [92530 CCR]
6. All abrasive blasting shall be conducted in accordance with California Code of Regulations Title 17, Subchapter 6, Sections 92000 through 92540. [CCR]

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