



# San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

MAY 15 2014

Mr. Mac McCullough  
Pacific Southwest Container LLC  
4530 Leckron Rd  
Modesto, CA 95357

**Re: Notice of Final Action - Title V Permit Renewal**  
**District Facility # N-3606**  
**Project # N-1131848**

Dear Mr. McCullough:

The District has issued the Final Renewed Title V Permit for Pacific Southwest Container LLC. The preliminary decision for this project was made on March 5, 2014. No comments were received subsequent to the District preliminary decision.

Please also note that pre-existing conditions 43 and 44 of the facility-wide requirements (N-3606-0-3) were erroneously omitted from the draft renewed permit and have now been added to the final renewed permit.

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. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

  
Arnaud Marjollet  
Director of Permit Services

Enclosures

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

**Seyed Sadredin**

Executive Director/Air Pollution Control Officer

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

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

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



**San Joaquin Valley**  
AIR POLLUTION CONTROL DISTRICT



**HEALTHY AIR LIVING™**

# Permit to Operate

**FACILITY:** N-3606

**EXPIRATION DATE:** 04/30/2019

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

PACIFIC SOUTHWEST CONTAINER  
ATTN: ACCOUNTS PAYABLE  
4530 LECKRON RD  
MODESTO, CA 95357

**FACILITY LOCATION:**

4530 LECKRON RD  
MODESTO, CA 95357

**FACILITY DESCRIPTION:**

PRINTING OF CONTAINERS & PACKAGING MATERIALS

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: N-3606-0-3

EXPIRATION DATE: 04/30/2019

## FACILITY-WIDE REQUIREMENTS

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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 Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] 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 Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] 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 (12/20/07). [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, 9.9.1 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: PACIFIC SOUTHWEST CONTAINER  
Location: 4530 LECKRON RD, MODESTO, CA 95357  
N-3606-0-3 : May 9 2014 4:56PM - A1YABEU

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 Rule 8021 and 8011] 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 Rule 8031 and 8011] 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 Rule 8041 and 8011] 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 Rule 8051 and 8011] 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 Rule 8061 and Rule 8011] 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 Rule 8071 and Rule 8011] 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 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), and Rule 111 (Kern, Tulare, Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
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 (02/17/05); 4601, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (12/17/09); 8021 (8/19/04); 8031 (8/19/04); 8041 (8/19/04); 8051 (8/19/04); 8061 (8/19/04); and 8071 (9/16/04). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin on January 31 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
43. Facility-wide VOC emissions shall not exceed 73,403 lb/year on a rolling 12-month basis. [District Rule 2201] Federally Enforceable Through Title V Permit
44. The facility shall keep a record of the cumulative facility-wide VOC emissions on a rolling 12-month basis. The record shall be updated at least monthly. [District Rule 2201] 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-3606-3-7

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE DOMINO MODEL 165/MATIC BOX MAKER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined VOC emissions from the box making lines shall not exceed 30.0 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Monthly records shall be maintained and shall include the following information: (a). The manufacturer and the product ID of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (b). The VOC content (as applied) and the VOC content (less water and exempt compounds) of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (c). The combined monthly VOC emissions from the box making lines (in pounds); (d). The dates of operation of this permit unit. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A record of the daily VOC emissions from this unit, in pounds, shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
7. A record of the combined daily VOC emissions, in pounds, from the box making lines shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
8. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] 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-3606-4-6

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOARD MANUFACTURING OPERATION CONSISTING OF AN ASITRADE LAMINATOR SERVED BY A RINGWOOD STARCH MIXING SYSTEM AND A PERMIT EXEMPT STEAM GENERATOR (NATURAL GAS-FIRED, 5.0 MMBTU/HR OR LESS)

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
3. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
6. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] Federally Enforceable Through Title V Permit
7. The PM10 emissions shall not exceed 0.24 pounds per ton of dry starch adhesive mixed. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum amount of dry starch adhesive used in the mixer shall not exceed 4,158 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rules 2201 and 4607] 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. VOC emissions from this unit shall not exceed 64.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. For each material, the file shall include a material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instructions, and density. [District Rule 4607] Federally Enforceable Through Title V Permit
12. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. A daily record of the type and amount of flexographic specialty inks used shall be maintained. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
13. Average daily VOC emissions shall be calculated from monthly records of adhesives, primers, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. The permittee shall maintain daily records of the quantity, in pounds, of dry starch used for this operation. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a record of the cumulative annual VOC emissions from this permit. The cumulative total VOC emissions shall be updated monthly. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
16. 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, and 4607] 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-3606-9-8

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFEED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 13112943 AKA P50) WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. Only flow coater, roll coater, dip coater, foam coater, die coater, and hand application methods shall be used to apply coatings. HVLP spray equipment may be used for air dried coatings only. Application equipment shall be operated in accordance with the manufacturer's specifications. [District Rule 4607] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] 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.

8. The VOC content of the materials shall not exceed any of the following limits: inks - less than 5% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); coatings - 2.5 lb/gallon (less water and exempt compounds, as applied); inks for high end graphics - less than 30% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 5% alcohol substitute by weight and no alcohol. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
9. VOC emissions from this unit shall not exceed any of the following: 170.0 lb/day or 11,500 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance with the daily VOC emissions limit for this lithographic printing operation using non-heatset inks shall be calculated as follows: Total daily VOC emissions = {[VOC Content (ink #1) x Daily usage (ink #1) x (1 - 0.95)] + ... + [VOC Content (ink #n) x Daily usage (ink #n) x (1 - 0.95)]} + {[VOC Content (fountain solution #1) x Daily usage (fountain solution #1)] + [VOC Content (wash primer #1) x Daily usage (wash primer #1)] + [VOC Content (cleanup solvent #1) x Daily usage (cleanup solvent #1)] + ... + [VOC Content (fountain solution #n) x Daily usage (fountain solution #n)] + [VOC Content (wash primer #n) x Daily usage (wash primer #n)] + [VOC Content (cleanup solvent #n) x Daily usage (cleanup solvent #n)]}. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
11. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, and density. [District Rule 4607] Federally Enforceable Through Title V Permit
13. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
14. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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, and 4607] 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-3606-11-9

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOARD FINISHING OPERATION CONSISTING OF AN AUTOMATAN MODEL 7000 SHEETFEED GLUER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] Federally Enforceable Through Title V Permit
8. VOC emissions from this unit shall not exceed 30.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [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.

10. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, and density. [District Rule 4607] Federally Enforceable Through Title V Permit
11. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. A daily record of the type and amount of flexographic specialty inks used shall be maintained. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
12. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
13. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
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, 2520, and 4607] 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-3606-13-7

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 4-COLOR MARTIN MIDLINE MODEL 924 FLEXOGRAPHIC PRINTER (S/N 6208) WITH A FOLDER, GLUER, AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] 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.

8. The VOC content of the materials shall not exceed the following: (a) For standard graphics printing, use inks with a VOC content of less than or equal to 0.3 lb/gal (less water and exempt compounds); (b). For high end graphics printing, use inks with a VOC content of less than or equal to 1.1 lb/gal (less water and exempt compounds); (c) For high end graphics printing with metallic inks, use inks with a VOC content of less than or equal to 2.5 lb/gal (less water and exempt compounds); (d) Fountain solutions - 8.0% by volume. The use of specialty inks shall not exceed 2 gallons in a calendar day and 120 gallons in a calendar year. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
9. VOC emissions from this unit shall not exceed any of the following limits: 95.0 lb/day or 19,000 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, density, and composite vapor pressure. [District Rule 4607] Federally Enforceable Through Title V Permit
12. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. A daily record of the type and amount of flexographic specialty inks used shall be maintained. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
13. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
15. 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, and 4607] 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-3606-14-7

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 3-COLOR MARTIN MODEL DRO 1628 FFG FLEXOGRAPHIC PRINTER (S/N 6506) WITH A FOLDER, GLUER, AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] 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.



8. The VOC content of the materials shall not exceed the following: (a) For standard graphics printing, use inks with a VOC content of less than or equal to 0.3 lb/gal (less water and exempt compounds); (b). For high end graphics printing, use inks with a VOC content of less than or equal to 1.1 lb/gal (less water and exempt compounds); (c) For high end graphics printing with metallic inks, use inks with a VOC content of less than or equal to 2.5 lb/gal (less water and exempt compounds); (d) Fountain solutions - 8.0% by volume. The use of specialty inks shall not exceed 2 gallons in a calendar day and 120 gallons in a calendar year. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
9. VOC emissions from this unit shall not exceed any of the following limits: 95.0 lb/day or 19,000 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, density, and composite vapor pressure. [District Rule 4607] Federally Enforceable Through Title V Permit
12. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. A daily record of the type and amount of flexographic specialty inks used shall be maintained. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
13. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
15. 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, and 4607] 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-3606-15-7

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 3-COLOR MARTIN MODEL DRO 1628 FLEXOGRAPHIC PRINTER (S/N 6036) AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] Federally Enforceable Through Title V Permit
8. The VOC content of the materials shall not exceed the following: (a) For standard graphics printing, use inks with a VOC content of less than or equal to 0.3 lb/gal (less water and exempt compounds); (b). For high end graphics printing, use inks with a VOC content of less than or equal to 1.1 lb/gal (less water and exempt compounds); (c) For high end graphics printing with metallic inks, use inks with a VOC content of less than or equal to 2.5 lb/gal (less water and exempt compounds); (d) Fountain solutions - 8.0% by volume. The use of specialty inks shall not exceed 2 gallons in a calendar day and 120 gallons in a calendar year. [District Rules 2201 and 4607] 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. VOC emissions from this unit shall not exceed any of the following limits: 95.0 lb/day or 19,000 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The combined annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 53,875 pounds in any one calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, density, and composite vapor pressure. [District Rule 4607] Federally Enforceable Through Title V Permit
13. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. A daily record of the type and amount of flexographic specialty inks used shall be maintained. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
14. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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, and 4607] 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-3606-16-7

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFEED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361264 AKA UV64) WITH AN INLINE COATER AND UV DRYER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. Only flow coater, roll coater, dip coater, foam coater, die coater, hand application methods shall be used to apply coatings. HVLP spray equipment may be used for air dried coatings only. Application equipment shall be operated in accordance with the manufacturer's specifications. [District Rule 4607] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] 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.

8. The VOC content of the materials shall not exceed any of the following limits: inks - less than 5% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); coatings - 2.5 lb/gallon (less water and exempt compounds, as applied); inks for high end graphics - less than 30% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 5% alcohol substitute by weight and no alcohol. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
9. VOC emissions from this unit shall not exceed any of the following: 70.0 lb/day or 11,500 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance with the daily VOC emissions limit for this lithographic printing operation using non-heatset inks shall be calculated as follows: Total daily VOC emissions = {[VOC Content (ink #1) x Daily usage (ink #1) x (1 - 0.95)] + ... + [VOC Content (ink #n) x Daily usage (ink #n) x (1 - 0.95)]} + {[VOC Content (fountain solution #1) x Daily usage (fountain solution #1)] + [VOC Content (wash primer #1) x Daily usage (wash primer #1)] + [VOC Content (cleanup solvent #1) x Daily usage (cleanup solvent #1)] + ... + [VOC Content (fountain solution #n) x Daily usage (fountain solution #n)] + [VOC Content (wash primer #n) x Daily usage (wash primer #n)] + [VOC Content (cleanup solvent #n) x Daily usage (cleanup solvent #n)]}. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
11. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, and density. [District Rule 4607] Federally Enforceable Through Title V Permit
13. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
14. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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, 4607] 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-3606-19-5

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE DOMINO MODEL 110M II MATIC BOX MAKER (S/N 0349-063-01)

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined VOC emissions from the box making lines shall not exceed 30.0 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Monthly records shall be maintained and shall include the following information: (a). The manufacturer and the product ID of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (b). The VOC content (as applied) and the VOC content (less water and exempt compounds) of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (c). The combined monthly VOC emissions from the box making lines (in pounds); (d). The dates of operation of this permit unit. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A record of the daily VOC emissions from this unit, in pounds, shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
7. A record of the combined daily VOC emissions, in pounds, from the box making lines shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
8. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] 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-3606-21-5

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE STAUDE WINDOW MACHINE (S/N WSI-2307)

## PERMIT UNIT REQUIREMENTS

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1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
5. VOC emissions from this unit shall not exceed 5.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The combined VOC emissions from the box making lines shall not exceed 30.0 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Monthly records shall be maintained and shall include the following information: (a). The manufacturer and the product ID of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (b). The VOC content (as applied) and the VOC content (less water and exempt compounds) of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (c). The combined monthly VOC emissions from the box making lines (in pounds); (d). The dates of operation of this permit unit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. A record of the daily VOC emissions from this unit, in pounds, shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
9. A record of the combined daily VOC emissions, in pounds, from the box making lines shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-3606-23-6

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFEED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 364565 AKA UV40) WITH AN INLINE COATER AND UV DRYING SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. Only flow coater, roll coater, dip coater, foam coater, die coater, hand application methods shall be used to apply coatings. HVLP spray equipment may be used for air dried coatings only. Application equipment shall be operated in accordance with the manufacturer's specifications. [District Rule 4607] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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8. The VOC content of the materials shall not exceed any of the following limits: inks - less than 5% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); coatings - 2.5 lb/gallon (less water and exempt compounds, as applied); inks for high end graphics - less than 30% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 5% alcohol substitute by weight and no alcohol. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
9. VOC emissions from this unit shall not exceed any of the following limits: 70.0 lb/day or 11,500 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance with the daily VOC emissions limit for this lithographic printing operation using non-heatset inks shall be calculated as follows: Total daily VOC emissions = {[VOC Content (ink #1) x Daily usage (ink #1) x (1 - 0.95)] + ... + [VOC Content (ink #n) x Daily usage (ink #n) x (1 - 0.95)]} + {[VOC Content (fountain solution #1) x Daily usage (fountain solution #1)] + [VOC Content (wash primer #1) x Daily usage (wash primer #1)] + [VOC Content (cleanup solvent #1) x Daily usage (cleanup solvent #1)] + ... + [VOC Content (fountain solution #n) x Daily usage (fountain solution #n)] + [VOC Content (wash primer #n) x Daily usage (wash primer #n)] + [VOC Content (cleanup solvent #n) x Daily usage (cleanup solvent #n)]}. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
11. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, and density. [District Rule 4607] Federally Enforceable Through Title V Permit
13. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
14. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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, and 4607] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-3606-24-5

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363742 AKA P64) WITH AN ANILOX TOWER COATER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. Only flow coater, roll coater, dip coater, foam coater, die coater, hand application methods shall be used to apply coatings. HVLP spray equipment may be used for air dried coatings only. Application equipment shall be operated in accordance with the manufacturer's specifications. [District Rule 4607] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] Federally Enforceable Through Title V Permit
8. The VOC content of the materials shall not exceed the following: inks less than 5% VOC by weight (less water and exempt compounds) and fountain solutions less than 6% by volume; for high end graphics, inks less than 30% VOC by weight (less water and exempt compounds) and fountain solutions less than 5% alcohol substitute by weight and no alcohol. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC emissions from this unit shall not exceed any of the following limits: 99.0 lb/day or 11,500 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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10. Compliance with the daily VOC emissions limit for this lithographic printing operation using non-heatset inks shall be calculated as follows: Total daily VOC emissions = {[VOC Content (ink #1) x Daily usage (ink #1) x (1 - 0.95)] + ... + [VOC Content (ink #n) x Daily usage (ink #n) x (1 - 0.95)]} + {[VOC Content (fountain solution #1) x Daily usage (fountain solution #1)] + [VOC Content (wash primer #1) x Daily usage (wash primer #1)] + [VOC Content (cleanup solvent #1) x Daily usage (cleanup solvent #1)] + ... + [VOC Content (fountain solution #n) x Daily usage (fountain solution #n)] + [VOC Content (wash primer #n) x Daily usage (wash primer #n)] + [VOC Content (cleanup solvent #n) x Daily usage (cleanup solvent #n)]}. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
11. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, and density. [District Rule 4607] Federally Enforceable Through Title V Permit
13. Monthly records shall be maintained and contain the following information: (a) The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c) The dates of operation of this permit unit. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
14. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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, and 4607] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-3606-25-3

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE INTERNATIONAL PAPERBOX MODEL 6FX-154 20" WEB WIDTH FOLDER GLUER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined VOC emissions from the box making lines shall not exceed 30.0 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. A record of the cumulative combined daily VOC emissions, in pounds, from the box making lines shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Monthly records shall be maintained and shall include the following information: (a). The manufacturer and the product ID of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (b). The VOC content (as applied) and the VOC content (less water and exempt compounds) of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (c). The combined monthly VOC emissions from the box making lines (in pounds); (d). The dates of operation of this permit unit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. A record of the daily VOC emissions from this unit, in pounds, shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
8. A record of the combined daily VOC emissions, in pounds, from the box making lines shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
9. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4607] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-3606-26-6

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368024 AKA C64)

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. The permittee shall properly use and properly operate all graphic arts printing technologies as directed and/or specified by the manufacturer of the printer or graphic arts material. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
2. Only flow coater, roll coater, dip coater, foam coater, die coater, hand application methods shall be used to apply coatings. HVLP spray equipment may be used for air dried coatings only. Application equipment shall be operated in accordance with the manufacturer's specifications. [District Rule 4607] Federally Enforceable Through Title V Permit
3. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 7. [District Rule 4607] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: wipe cleaning; application of solvent using nonpropellant-induced, hand-held spray bottles; non-atomized solvent flow method, or solvent flushing method. [District Rule 4607] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose component part(s) being cleaned during washing, rinsing, draining procedures and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit
7. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] Federally Enforceable Through Title V Permit
8. The VOC content of the materials shall not exceed any of the following limits: inks - less than 5% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); coatings - 2.5 lb/gallon (less water and exempt compounds, as applied); inks for high end graphics - less than 30% VOC by weight (less water and exempt compounds), or 2.5 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 5% alcohol substitute by weight and no alcohol. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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9. VOC emissions from this unit shall not exceed any of the following limits: 99.0 lb/day or 11,500 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance with the daily VOC emissions limit shall be calculated as follows: Total daily VOC emissions = {[VOC Content (ink #1) x Daily usage (ink #1) x (1 - 0.95)] + ... + [VOC Content (ink #n) x Daily usage (ink #n) x (1 - 0.95)]} + {[VOC Content (fountain solution #1) x Daily usage (fountain solution #1)] + [VOC Content (wash primer #1) x Daily usage (wash primer #1)] + [VOC Content (cleanup solvent #1) x Daily usage (cleanup solvent #1)] + ... + [VOC Content (fountain solution #n) x Daily usage (fountain solution #n)] + [VOC Content (wash primer #n) x Daily usage (wash primer #n)] + [VOC Content (cleanup solvent #n) x Daily usage (cleanup solvent #n)]}. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
11. The combined daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations shall not exceed 870 pounds in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, density, and composite vapor pressure. [District Rule 4607] Federally Enforceable Through Title V Permit
13. Monthly records shall be maintained and contain the following information: (a). The name, type, quantity and VOC content (in lb/gal, less water and exempt compounds) of all inks, fountain solutions, wash primers, coatings, adhesives, solvents, and cleaning materials used or stored at the facility; (b) The combined total amount of VOC's emitted from the use of all VOC containing material (in pounds); (c). The dates of operation of this permit unit. [District Rules 2201 and 4607] Federally Enforceable Through Title V Permit
14. Daily VOC emissions may be calculated from monthly records of inks, fountain solutions, wash primers, coatings, solvents, and cleaning materials used in a calendar month and number of days this unit is operated in a calendar month in order to calculate average daily VOC emissions. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. The permittee shall maintain a record of the cumulative daily VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4607] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-3606-27-4

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE STANDARD MAX 1100 30" WEB WIDTH FOLDER GLUER

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.021 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined VOC emissions from the box making lines permitted under N-3606-3, N-3606-19, N-3606-21, N-3606-25 and N-3606-27 shall not exceed 30.0 pounds during any one-day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. A record of the cumulative combined daily VOC emissions, in pounds, from the box making lines shall be kept. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Monthly records shall be maintained and shall include the following information: (a). The manufacturer and the product ID of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (b). The VOC content (as applied) and the VOC content (less water and exempt compounds) of each adhesive, primer, solvent and cleaning material utilized by the box making lines; (c). The combined monthly VOC emissions from the box making lines (in pounds); (d). The dates of operation of this permit unit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. A record of the daily VOC emissions from this unit, in pounds, shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
8. A record of the combined daily VOC emissions, in pounds, from the box making lines shall be kept. The daily VOC emissions shall be calculated from the monthly adhesive, primer, solvent, and cleaning material usage records and the number of days per calendar month this unit was operated. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-3606-29-1

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

STARCH RECEIVING AND STORAGE OPERATION CONSISTING OF 12' DIAMETER AND 42' HIGH SILO WITH CPE FILTER BIN VENT SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. Visible emissions from the bin vent filter serving the storage silo 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
2. The bin vent filter system shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall operate at all times with a minimum differential pressure of greater than 0 inches water column and a maximum differential pressure of 2 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Replacement bags numbering at least 10% of the total number of bags shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the bin vent filter system shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Bin vent filter shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Controlled PM10 emissions shall not exceed 0.00238 pounds per ton of starch loaded into the silo. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The amount of starch loaded into the silo shall not exceed 66 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall keep records of date and quantity of starch loaded into the silo. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Differential operating pressure of the bin vent filter shall be monitored and recorded whenever the silo is being loaded at least once per delivery event. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Records of all maintenance of the bin vent filter system, including all change outs of bags or filter media, shall be maintained. These records shall include identification of the equipment, date of inspection, any corrective action taken, and identification of the personnel performing the inspection. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Visible emissions shall be inspected annually 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] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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13. All records shall be retained for a minimum of five years and made available for District inspection upon request.  
[District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-3606-31-1

**EXPIRATION DATE:** 04/30/2019

**EQUIPMENT DESCRIPTION:**

CORRUGATED BOARD MANUFACTURING OPERATION WITH A FOSBER SMART 400-98' CORRUGATOR SYSTEM AND A STARCH CONVEYING AND MIXING SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. VOC emissions from the corrugator shall not exceed 8 pounds per million square feet of corrugated boards produced. [District Rule 2201] Federally Enforceable Through Title V Permit
2. No more than 5 million square feet of corrugated board shall be processed in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
3. VOC emissions from this permit unit shall not exceed 9,699 pounds in any 12 consecutive month rolling period. [District Rule 2201] Federally Enforceable Through Title V Permit
4. VOC content of the adhesives used shall not exceed 0.015 lb/gal (less water and exempt compounds). [District Rule 2201] Federally Enforceable Through Title V Permit
5. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607] Federally Enforceable Through Title V Permit
7. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607] Federally Enforceable Through Title V Permit
8. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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9. Permittee shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and inks in closed, non-absorbent, 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 4607] Federally Enforceable Through Title V Permit
10. Permittee shall maintain a current file of coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage. The file shall include material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, mixing instruction, and density. [District Rule 4607] Federally Enforceable Through Title V Permit
11. The permittee shall keep records of the date and total amount of the corrugated boards produced in million square feet. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The permittee shall maintain monthly records of the name, type, VOC content (in lb/gal, less water and exempt compounds), and the amount of all adhesives, primers, solvents, and cleaning materials used in this operation. [District Rule 4607] Federally Enforceable Through Title V Permit
13. The permittee shall keep monthly records of the total VOC emissions from this permit unit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. All records shall be retained on-site for a minimum of five years and shall be made available to the District, ARB, and EPA upon request. [District Rules 1070 and 4607] Federally Enforceable Through Title V Permit

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