



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

MAY 12 2010

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St.
San Francisco, CA 94105

**Re: Notice of Preliminary Decision – Title V Permit Renewal
District Facility # N-3606
Project # N-1084040**

Dear Mr. Rios:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Pacific Southwest Container for its container and packaging materials manufacturing and printing operation at 4530 Leckron Rd. in Modesto, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 45-day comment period which begins on the date of publication of the public notice.

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

Sincerely,

David Warner
Director of Permit Services

Attachments

C: Jonah Aiyabei, Permit Services Engineer

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
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Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
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San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

MAY 12 2010

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

Re: Notice of Preliminary Decision - Title V Permit Renewal
District Facility # N-3606
Project # N-1084040

Dear Mr. Tollstrup:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Pacific Southwest Container for its container and packaging materials manufacturing and printing operation at 4530 Leckron Rd. in Modesto, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

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

Sincerely,

David Warner
Director of Permit Services

Attachments

C: Jonah Aiyabei, Permit Services Engineer

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San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

MAY 12 2010

Les Mangold
Pacific Southwest Container
4530 Leckron Rd.
Modesto, CA 95357

**Re: Notice of Preliminary Decision - Title V Permit Renewal
District Facility # N-3606
Project # N-1084040**

Dear Mr. Mangold:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Pacific Southwest Container for its container and packaging materials manufacturing and printing operation at 4530 Leckron Rd. in Modesto, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

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

Sincerely,

A handwritten signature in black ink, appearing to read "David Warner", with a long horizontal line extending to the right.

David Warner
Director of Permit Services

Attachments

C: Jonah Aiyabei, Permit Services Engineer

Seyed Sadredin

Executive Director/Air Pollution Control Officer

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Modesto Bee

**NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED RENEWAL OF
THE FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed renewal of the Federally Mandated Operating Permit to Pacific Southwest Container for its container and packaging materials manufacturing and printing operation at 4530 Leckron Rd. in Modesto, California.

The District's analysis of the legal and factual basis for this proposed action, project #N-1084040, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. There are no emission changes due to the proposed action. This will be the public's only opportunity to comment on the specific conditions of the proposed renewal of the Federally Mandated Operating permit. If requested by the public, the District will hold a public hearing regarding issuance of this renewed permit. For additional information, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900. Written comments on the proposed renewed permit must be submitted within 30 days of the publication date of this notice to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CALIFORNIA 93726-0244.

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT**

**Proposed Title V Permit Renewal Evaluation
PACIFIC SOUTHWEST CONTAINER
N-3606**

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PROPOSED TITLE V PERMIT RENEWAL EVALUATION CONTAINER AND PACKAGING MATERIALS MANUFACTURING AND PRINTING

Engineer: Jonah Aiyabei

Date: April 19, 2010

Facility Number: N-3606

Facility Name: Pacific Southwest Container

Mailing Address: 4530 Leckron Rd
Modesto, CA 95357

Contact Name: Les Mangold, Senior VP/CFO

Phone: 209-404-8093

Responsible Official: Les Mangold

Title: Senior VP/CFO

Project # : N-1084040

Deemed Complete: November 12, 2008

I. PROPOSAL

Pacific Southwest Container was issued a Title V permit on January 31, 2005. As required by District Rule 2520, the applicant has requested a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the initial Title V permit.

The purpose of this evaluation is to provide the legal and factual basis for all updated applicable requirements and to determine if the facility will comply with these updated requirements. It also specifically identifies all additions, deletions, and/or changes made to permit conditions or equipment descriptions.

II. FACILITY LOCATION

Pacific Southwest Container is located at 4530 Leckron Rd, Modesto, CA.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is included as Attachment C.

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant does not propose to use any model general permit templates.

V. SCOPE OF EPA AND PUBLIC REVIEW

Since the applicant is not proposing to use any model general permit templates, all federally enforceable conditions in this current Title V permit will be subject to EPA and public review.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

- District Rule 2020, Exemptions
(amended March 21, 2002 ⇒ amended December 20, 2007)
- District Rule 2201, New and Modified Stationary Source Review Rule
(amended September 21, 2006)
- District Rule 4101, Visible Emissions
(amended November 15, 2001 ⇒ amended February 17, 2005)
- District Rule 4607, Graphic Arts and Paper, Film, Foil and Fabric Coatings (amended December 20, 2001 ⇒ amended December 18, 2008)
- District Rule 8011, General Requirements (Adopted November 15, 2001; amended August 19, 2004)
- District Rule 8021, Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities (adopted November 15, 2001; amended August 19, 2004)

- District Rule 8031, Bulk Materials (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8041, Carryout and Trackout (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8051, Open Areas (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads (adopted November 15, 2001; amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (adopted November 15, 2001; amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos (amended September 18, 2003)
- 40 CFR Part 82, Subpart B, Stratospheric Ozone (amended November 9, 2007)
- 40 CFR Part 82, Subpart F, Stratospheric Ozone (amended June 8, 2008)

The following rule has been amended, but the most recently amended version of the rule has not yet been approved into the State Implementation Plan (SIP):

- District Rule 4601, Architectural Coatings (amended October 31, 2001 ⇒ amended December 17, 2009)

B. Rules Not Updated

- District Rule 1070, Inspections (amended December 17, 1992)
- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 1160, Emission Statements (adopted November 18, 1992)
- District Rule 2010, Permits Required, (amended December 17, 1992)
- District Rule 2031, Transfer of Permits, (amended December 17, 1992)

- District Rule 2040, Applications, (amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications, (amended December 17, 1992)
- District Rule 2080, Conditional Approval, (amended December 17, 1992)
- District Rule 2520, Federally Mandated Operating Permits (adopted June 15, 1995 ⇒ amended June 21, 2001)
- District Rule 4201, Particulate Matter Concentration (Amended December 17, 1992)
- District Rule 4202, Particulate Matter Emission Rate (Amended December 17, 1992)
- 40 CFR Part 63 Subpart KK, National Emissions Standards for Hazardous Air Pollutants for Source Categories – Printing and Publishing Industry
- 40 CFR Part 64, Compliance Assurance Monitoring (CAM)

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

For each Title V source, the District issues a single permit that contains the Federally Enforceable requirements, as well as the District-only requirements. The District-only requirements are not a part of the Title V Operating Permits. The terms and conditions that are part of the facility's Title V permit are designated as "Federally Enforceable Through Title V Permit".

The following rule, which has not been updated since the initial Title V permit was issued, is not federally enforceable and will not be discussed in further detail:

District Rule 4102 – Nuisance

This rule is applicable to any source operation which emits or may emit air contaminants or other materials. This rule stipulates that a person shall not discharge from any source whatsoever such quantities of air contaminants or other materials which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such person or the public or which cause or have a natural tendency to cause injury or damage to business or property.

The following permit requirements, which are based on this rule, were addressed as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Condition 1 on the existing permit to operate has not been modified.

b. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)

- Condition 1 on the existing permit to operate has been removed because the condition is already on the facilitywide requirements permit unit.

VIII. COMPLIANCE

The purpose of this evaluation is to review the updated changes to federally enforceable requirements; therefore, this compliance section will only address rules that have been updated amended or added since the issuance of the initial Title V permit.

A. District Rule 2020 – Exemptions

District Rule 2020 lists equipment which is specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions. The amendments to this rule do not have any effect on current permit requirements and will therefore not be addressed in this evaluation.

B. District Rule 2201 – New and Modified Stationary Source Review Rule

District Rule 2201 has been amended since this facility's initial Title V permit was issued. This Title V permit renewal does not constitute a modification per section 3.26, defined as an action including at least one of the following items:

- 1) Any change in hours of operation, production rate, or method of operation of an existing emissions unit, which would necessitate a change in permit conditions.
- 2) Any structural change or addition to an existing emissions unit which would necessitate a change in permit conditions. Routine replacement shall not be considered to be a structural change.
- 3) An increase in emissions from an emissions unit caused by a modification of the Stationary Source when the emissions unit is not subject to a daily emissions limitation.

- 4) Addition of any new emissions unit which is subject to District permitting requirements.
- 5) A change in a permit term or condition proposed by an applicant to obtain an exemption from an applicable requirement to which the source would otherwise be subject.

Therefore, the updated requirements of this rule are not applicable at this time.

C. District Rule 4101 – Visible Emissions

District Rule 4101 was approved by EPA on August 11, 2005 to replace SIP approved Rule 401 (all counties of the SJVUAPCD).

Section 5.0 prohibits the discharge of any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart; or is of such opacity as to obscure an observer's view to a degree equal to or greater than the smoke described in Section 5.1 of Rule 4101.

The following permit requirements, which are based on this rule, have been revised as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Condition 23 on the existing permit to operate has been revised to remove the outdated County Rule 401 from the citation section.
- Condition 40 on the existing permit to operate has been revised to remove the shield for the superceded County Rule 401.

b. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)

- Condition 2 on the existing permit to operate has been removed because the condition is already on the facilitywide requirements permit unit.

D. District Rule 4601 – Architectural Coatings

The purpose of this rule is to limit VOC emissions from architectural coatings.

The provisions of this rule apply to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating for use within the District.

The SIP version of the rule was last amended on October 31, 2001. The current version of the rule was amended on December 17, 2009 but has not yet been approved into the SIP.

The following analysis shows that the proposed requirements of the current non-SIP version of District Rule 4601 are as stringent as, or more stringent than the requirements of the existing SIP version. Streamlining procedures, as documented in the following steps are utilized to substitute the set of requirements in the current non-SIP version of the rule for the otherwise applicable requirements in the SIP version of the rule.

Stringency Comparison of District Rule 4601 Non-SIP Version (12/17/09) to Current SIP Version (10/31/01)

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
2.0 Applicability	This rule is applicable to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures any architectural coating for use within the District.	This rule is applicable to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating for use within the District.	No change in the applicability, therefore, non-SIP version of rule is as stringent as SIP version.
4.0 Exemptions	<p>The provisions of this rule shall not apply to:</p> <ul style="list-style-type: none"> 4.1 Any architectural coating that is sold or manufactured for use outside of the District or for shipment to other manufacturers for reformulation or repackaging. 4.2 Any architectural coating that is sold in a container with a volume of one liter (1.057 quarts) or less. 4.3 Any aerosol coating product. 	<p>4.1 The provisions of this rule shall not apply to:</p> <ul style="list-style-type: none"> 4.1.1 Any architectural coating that is supplied, sold, offered for sale, or manufactured for use outside of the District or for shipment to other manufacturers for reformulation or repackaging. 4.1.2 Any aerosol coating product. <p>4.2 With the exception of Section 6.2, the provisions of this rule shall not apply to any architectural coating that is sold in a container with a volume of one liter (1.057 quarts) or less.</p>	The only change is to require reporting requirements as discussed in Section 6.2 of the non-SIP approved version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.
5.0 Requirements	Note: Section 5.0 requirements refer to Table of Standards, Table of Standards 1, and Table of Standards 2. These tables are included as Attachment D.		
	<p>5.1 VOC Content Limits: Except as provided in Sections 5.2, 5.3, 5.8 and 8.0, no person shall;</p> <ul style="list-style-type: none"> 5.1.1 manufacture, blend, or repackage for sale within the District; 5.1.2 supply, sell, or offer for sale within the district; 5.1.3 Solicit for application or apply within the District any 	<p>5.1 VOC Content Limits: Except as provided in Sections 5.2 and 5.3, no person shall: manufacture, blend, or repackage for use within the District; or supply, sell, or offer for sale within the District; or solicit for application or apply within the District any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of</p>	Sections 5.8 and 8.0 of the SIP version are not included in the non-SIP version. As discussed in corresponding sections the non-SIP version is more stringent. The Table of Standards and Table of Standards 1 have the same VOC

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards, after the specified effective date in the Table of Standards.</p>	<p>Standards 1 or the Table of Standards 2, after the specified effective date in the Table of Standards 1 or the Table of Standards 2. Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.</p>	<p>limits. Table of Standard 2 is more stringent as discussed below. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
	<p>5.2 Most Restrictive VOC Limit: If anywhere on the container of any architectural coating, or any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on their behalf, any representation is made that indicates that the coating meets the definition of or is recommended for use for more than one of the coating categories listed in the Table of Standards, then the most restrictive VOC content limit shall apply. This provision does not apply to the following coating categories:</p> <ul style="list-style-type: none"> 5.2.1 Lacquer coatings (including lacquer sanding sealers) 5.2.2 Metallic pigmented coatings 5.2.3 Shellacs 5.2.4 Fire-retardant coatings 5.2.5 Pretreatment wash primers 5.2.6 Industrial maintenance coatings 5.2.7 Low-solids coatings 5.2.8 Wood preservatives 5.2.9 High temperature coatings 5.2.10 Temperature-indicator safety coatings 5.2.11 Antenna coatings 5.2.12 Antifouling coatings 5.2.13 Flow coatings 5.2.14 Bituminous roof primers 5.2.15 Specialty primers, sealers and undercoaters 	<p>5.2 Most Restrictive VOC Limit: If a coating meets the definition in Section 3.0 for one or more specialty coating categories listed in the Table of Standards 1 or the Table of Standards 2, then that coating is not required to meet the VOC limits for Flat, Nonflat, or Nonflat – High Gloss coatings, but is required to meet the VOC limit for the applicable specialty coating listed in the Table of Standards 1 or the Table of Standards 2.</p> <p>5.2.1 Effective until December 31, 2010, with the exception of the specialty coating categories specified in Section 5.2.3.1 through 5.2.3.15, if a coating is recommended for use in more than one of the specialty coating categories listed in the Table of Standards 1, the most restrictive (or lowest) VOC content limit shall apply.</p> <p>5.2.2 Effective on and after January 1, 2011, with the exception of the specialty coating categories specified in Sections 5.2.3.2, 5.2.3.3, 5.2.3.5 through 5.2.3.9, and 5.2.3.14 through 5.2.3.18, if a coating is recommended for use in more than one of the specialty coating categories listed in the Table of Standards 2, the most restrictive (or lowest) VOC content limit shall apply.</p> <p>5.2.3 This requirement applies to: usage recommendations that appear anywhere on the coating container, anywhere on any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on their behalf.</p> <ul style="list-style-type: none"> 5.2.3.1 Lacquer coatings (including lacquer sanding sealers) 5.2.3.2 Metallic pigmented coatings 5.2.3.3 Shellacs 5.2.3.4 Fire-retardant coatings 5.2.3.5 Pretreatment wash primers 5.2.3.6 Industrial maintenance coatings 	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		5.2.3.7 Low-solids coatings 5.2.3.8 Wood preservatives 5.2.3.9 High temperature coatings 5.2.3.10 Temperature-indicator safety coatings 5.2.3.11 Antenna coatings 5.2.3.12 Antifouling coatings 5.2.3.13 Flow coatings 5.2.3.14 Bituminous roof primers 5.2.3.15 Specialty primers, sealers and undercoaters 5.2.3.16 Aluminum roof coatings 5.2.3.17 Zinc-rich primers 5.2.3.18 Wood Coatings	
	<p>5.3 Sell-Through of Coatings:</p> <p>5.3.1 A coating manufactured prior to the January 1, 2003 or January 1, 2004 effective date specified for that coating in the Table of Standards may be sold, supplied, or offered for sale for up to three years after the specified effective date. In addition, a coating manufactured before the effective date specified for that coating in the Table of Standards may be applied at any time, both before and after the specified effective date, so long as the coating complied with the standards in effect at the time the coating was manufactured. This Section 5.3 does not apply to any coating that does not display the date or date-code required by Section 6.1.1.</p> <p>5.3.2 A coating included in an approved Averaging Program that does not comply with the specified limit in the Table of Standards may be sold, supplied, or offered for sale for up to three years after the end of the compliance period specified in the approved Averaging Program. In addition, such a coating may be applied at any time, both during and after the compliance period. This Section 5.3.2 does not apply to any coating that does not display on the container either the statement: "This product is subject to architectural coatings averaging provisions in California" or a substitute symbol specified by the Executive Officer of the California Air Resources Board (ARB). This Section 5.3.2 shall remain in effect until January 1, 2008.</p>	<p>5.3 Sell-Through of Coatings:</p> <p>A coating manufactured prior to the effective date specified for that coating in the Table of Standards 1 or the Table of Standards 2, and that complied with the standards in effect at the time the coating was manufactured, may be sold, supplied, or offered for sale for up to three years after the specified effective date. In addition, a coating manufactured before the effective date specified for that coating in the Table of Standards 1 or the Table of Standards 2 may be applied at any time, both before and after the specified effective date, so long as the coating complied with the standards in effect at the time the coating was manufactured. This Section 5.3 does not apply to any coating that does not display the date or date-code required by Section 6.1.1.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Section 5.3.2 was removed it is no longer applicable in the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>5.4 Painting Practices: All architectural coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging or other means, shall be closed when not in use. These architectural coating containers include, but are not limited to, drums, buckets, cans, pails, trays or other application containers. Containers of any VOC containing materials used for thinning and cleanup shall also be closed when not in use.</p>	<p>5.4 Painting Practices: All architectural coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging or other means, shall be closed when not in use. These architectural coating containers include, but are not limited to, drums, buckets, cans, pails, trays or other application containers. Containers of any VOC-containing materials used for thinning and cleanup shall also be closed when not in use.</p>	<p>No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.</p>
	<p>5.5 Thinning: No person who applies or solicits the application of any architectural coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the Table of Standards.</p>	<p>5.5 Thinning: No person who applies or solicits the application of any architectural coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the Table of Standards 1 or the Table of Standards 2.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
	<p>5.6 Rust Preventative Coatings: Effective January 1, 2004, no person shall apply or solicit the application of any rust preventative coating for industrial use, unless such a rust preventative coating complies with the industrial maintenance coating VOC limit specified in the Table of Standards.</p>	<p>5.6 Rust Preventative Coatings: Effective through December 31, 2010, no person shall apply or solicit the application of any rust preventative coating for industrial use, unless such a rust preventative coating complies with the industrial maintenance coating VOC limit specified in the Table of Standards 1.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
	<p>5.7 Coatings Not Listed in the Table of Standards: For any coating that does not meet any of the definitions for the specialty coatings categories listed in the Table of Standards, the VOC content limit shall be determined by classifying the coating as a flat coating or a nonflat coating, based on its gloss, as defined in Sections 3.21, 3.36 and 3.37 and the corresponding flat or nonflat VOC limit shall apply.</p>	<p>5.7 Coatings Not Listed in the Table of Standards 1 or the Table of Standards 2: For any coating that does not meet any of the definitions for the specialty coatings categories listed in the Table of Standards 1 or the Table of Standards 2, the VOC content limit shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat – High Gloss coating, based on its gloss, and the corresponding Flat, Nonflat, or Nonflat – High Gloss VOC limit in the Table of Standards 1 or the Table of Standards 2 shall apply.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
	<p>5.8 Lacquers: Notwithstanding the provisions of Section 3.1, a person or facility may add up to 10 percent by volume of VOC to a lacquer to avoid blushing of the finish during days with relative humidity greater than 70 percent and temperature below 65°F, at the time of application, provided that the coating contains acetone and no more than 550 grams of VOC per liter of coating, less water and exempt compounds, prior to the addition of VOC.</p>	<p>---</p>	<p>This section has been removed. The operation is required to meet the lacquer VOC limit regardless of temperature and humidity. Therefore, non-SIP version of rule is as stringent as SIP version</p>
	<p>5.9 Averaging Compliance Option: On or after January 1, 2003, in lieu of compliance with the specified limits in The Table of Standards for floor</p>	<p>---</p>	<p>This section is removed from the non-SIP version, it is no longer applicable. Therefore,</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>coatings; industrial maintenance coatings; primers, sealers, and undercoaters; quick-dry primers, sealers, and undercoaters; quick-dry enamels; roof coatings; bituminous roof coatings; rust preventative coatings; stains; waterproofing sealers, as well as flats and non-flats (excluding recycled coatings), manufacturers may average designated coatings such that their actual cumulative emissions from the averaged coatings are less than or equal to the cumulative emissions that would have been allowed under those limits over a compliance period not to exceed one year. Such manufacturers must also comply with the averaging provisions contained in Section 8.0, as well as maintain and make available for inspection records for at least three years after the end of the compliance period. This Section 5.9 and Section 8.0 shall cease to be effective on January 1, 2005, after which averaging will no longer be allowed.</p>		<p>non-SIP version of rule is as stringent as SIP version.</p>
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Table of Standards (See Attachment D for Table)		<p>Table of Standards 1 (Effective through 12/31/10) (See Attachment D for Table)</p>	<p>The non-SIP rule requirements are the same as the Table of Standards in the SIP approved rule, except Table of Standards 1 expires at which time Table of Standards 2 is in effect. As discussed below these standards are more stringent. Therefore, non-SIP version of rule is as stringent as SIP version.</p>
		<p>Table of Standards 2 (Effective on and after 1/1/11) (See Attachment D for Table)</p>	<p>The requirements of Table of Standards 2 are more stringent than the Table of Standards in the SIP rule. Therefore, non-SIP version of rule is as stringent as SIP version.</p>
<p>6.0 Administrative Requirements</p>	<p>6.1 Labeling Requirements: Each manufacturer of any architectural coating subject to this rule shall display the information listed in Sections 6.1.1</p>	<p>6.1 Labeling Requirements: Each manufacturer of any architectural coating subject to this rule shall display the information listed in Sections 6.1.1 through</p>	<p>The non-SIP approved rule contains sections listed in the SIP rule plus</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>through 6.1.9 on the coating container (or label) in which the coating is sold or distributed.</p> <p>6.1.1 Date Code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid or bottom of the container. If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the Executive Officer of the ARB.</p> <p>6.1.2 Thinning Recommendations: A statement of the manufacturer's recommendation regarding thinning of the coating shall be indicated on the label or lid of the container. This requirement does not apply to the thinning of architectural coatings with water. If thinning of the coating prior to use is not necessary, the recommendation must specify that the coating is to be applied without thinning.</p> <p>6.1.3 VOC Content: Each container of any coating subject to this rule shall display either the maximum or actual VOC content of the coating, as supplied, including the maximum thinning as recommended by the manufacturer. VOC content shall be displayed in grams of VOC per liter of coating. VOC content displayed shall be calculated using product formulation data, or shall be determined using the test methods in Section</p> <p>6.3.1. The equations in Sections 3.25 or 3.26, as appropriate, shall be used to calculate VOC content.</p> <p>6.1.4 Industrial Maintenance Coatings: In addition to the information specified in Sections 6.1.1, 6.1.2 and 6.1.3, each manufacturer of any industrial maintenance coating subject to this rule shall display on the label or lid of the container in which the coating is sold or distributed one or more of the following descriptions listed in Section 6.1.4.1 through 6.1.4.3.</p> <p>6.1.4.1 "For industrial use only"</p> <p>6.1.4.2 "For professional use only"</p> <p>6.1.4.3 "Not for residential use" or "Not intended for residential use"</p> <p>6.1.5 Clear Brushing Lacquers: Effective January 1, 2003, the labels of all clear brushing lacquers shall prominently display the statements "For brush application only," and "This product must not be thinned or</p>	<p>6.1.14 on the coating container (or label) in which the coating is sold or distributed.</p> <p>6.1.1 Date Code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid or bottom of the container. If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the Executive Officer of the ARB.</p> <p>6.1.2 Thinning Recommendations: A statement of the manufacturer's recommendation regarding thinning of the coating shall be indicated on the label or lid of the container. This requirement does not apply to the thinning of architectural coatings with water. If thinning of the coating prior to use is not necessary, the recommendation must specify that the coating is to be applied without thinning.</p> <p>6.1.3 VOC Content: Each container of any coating subject to this rule shall display one of the following values, in grams of VOC per liter of coating:</p> <p>6.1.3.1 Maximum VOC Content, as determined from all potential product formulations; or</p> <p>6.1.3.2 VOC Content, as determined from actual formulation data; or</p> <p>6.1.3.3 VOC Content, as determined using the test methods in Section 6.3.2.</p> <p>If the manufacturer does not recommend thinning, the container must display the VOC Content, as supplied. If the manufacturer recommends thinning, the container must display the VOC Content, including the maximum amount of thinning solvent recommended by the manufacturer. If the coating is a multicomponent product, the container must display the VOC content as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOCs during the curing process, the VOC content must include the VOCs emitted during curing.</p> <p>6.1.4 Faux Finishing Coatings: Effective January 1, 2011, the labels of all clear topcoat Faux Finishing coatings shall prominently display the statement "This product can only be sold or used as part of a Faux Finishing coating system".</p>	<p>additional requirements not found in the SIP version. Therefore, non-SIP version of rule is as stringent as SIP version.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>sprayed.”</p> <p>6.1.6 Rust Preventative Coatings: Effective January 1, 2003, the labels of all rust preventative coatings shall prominently display the statement “For Metal Substrates Only”</p> <p>6.1.7 Specialty Primers, Sealers and Undercoaters: Effective January 1, 2003, the labels of all specialty primers, sealers and undercoaters shall prominently display one or more of the descriptions listed in Section</p> <p>6.1.7.1 through 6.1.7.5.</p> <p>6.1.7.1 For blocking stains.</p> <p>6.1.7.2 For fire-damaged substrates.</p> <p>6.1.7.3 For smoke-damaged substrates.</p> <p>6.1.7.4 For water-damaged substrates.</p> <p>6.1.7.5 For excessively chalky substrates.</p> <p>6.1.8 Quick Dry Enamels: Effective January 1, 2003, the labels of all quick dry enamels shall prominently display the words “Quick Dry” and the dry hard time.</p> <p>6.1.9 Non-flat – High Gloss Coatings: Effective January 1, 2003, the labels of all non-flat – high gloss coatings shall prominently display the words “High Gloss”.</p>	<p>6.1.5 Industrial Maintenance Coatings: Each manufacturer of any industrial maintenance coating subject to this rule shall display on the label or lid of the container in which the coating is sold or distributed one or more of the following descriptions listed in Section 6.1.5.1 through 6.1.5.3.</p> <p>6.1.5.1 “For industrial use only”</p> <p>6.1.5.2 “For professional use only”</p> <p>6.1.5.3 “Not for residential use” or “Not intended for residential use”</p> <p>6.1.6 Clear Brushing Lacquers: The labels of all clear brushing lacquers shall prominently display the statements “For brush application only,” and “This product must not be thinned or sprayed.” (Category deleted effective January 1, 2011.)</p> <p>6.1.7 Rust Preventative Coatings: The labels of all rust preventative coatings shall prominently display the statement “For Metal Substrates Only”.</p> <p>6.1.8 Specialty Primers, Sealers and Undercoaters: Effective until December 31, 2010, the labels of all specialty primers, sealers and undercoaters shall prominently display one or more of the descriptions listed in Section 6.1.8.1 through 6.1.8.5. Effective on and after January 1, 2011, the labels of all specialty primers, sealers, and undercoaters shall prominently display one or more of the descriptions listed in Sections 6.1.8.1 through 6.1.8.3. On and after January 1, 2011, Sections 6.1.8.4 and 6.1.8.5 will be no longer effective.</p> <p>6.1.8.1 For fire-damaged substrates.</p> <p>6.1.8.2 For smoke-damaged substrates.</p> <p>6.1.8.3 For water-damaged substrates.</p> <p>6.1.8.4 For excessively chalky substrates.</p> <p>6.1.8.5 For blocking stains.</p> <p>6.1.9 Quick Dry Enamels: The labels of all quick dry enamels shall prominently display the words “Quick Dry” and the dry hard time. (Category deleted effective January 1, 2011.)</p> <p>6.1.10 Reactive Penetrating Sealers: Effective January 1, 2011, the labels of all Reactive Penetrating Sealers shall prominently display the statement “Reactive Penetrating</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p>Sealer.”</p> <p>6.1.11 Stone Consolidants: Effective January 1, 2011, the labels of all Stone Consolidants shall prominently display the statement “Stone Consolidant - For Professional Use Only.”</p> <p>6.1.12 Nonflat- High Gloss Coatings: The labels of all Nonflat – high gloss coatings shall prominently display the words “High Gloss.”</p> <p>6.1.13 Wood Coatings: Effective January 1, 2011, the labels of all Wood Coatings shall prominently display the statement “For Wood Substrates Only.”</p> <p>6.1.14 Zinc Rich Primers: Effective January 1, 2011, the labels of all Zinc Rich Primers shall prominently display one or more of the following descriptions listed in Section 6.1.14.1 through 6.1.14.3.</p> <p>6.1.14.1 “For industrial use only”</p> <p>6.1.14.2 “For professional use only”</p> <p>6.1.14.3 “Not for residential use” or “Not intended for residential use”</p>	
	<p>6.2 Reporting Requirements</p> <p>6.2.1 Clear Brushing Lacquers: Each manufacturer of clear brushing lacquers shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of clear brushing lacquers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.2 Rust Preventative Coatings: Each manufacturer of rust preventative coatings shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of rust preventative coatings sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.3 Specialty Primers, Sealers and Undercoaters: Each manufacturer of specialty primers, sealers and undercoaters shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive</p>	<p>6.2 Reporting Requirements</p> <p>The reporting requirements specified in Sections 6.2.1 through 6.2.6 shall apply until December 31, 2010.</p> <p>6.2.1 Clear Brushing Lacquers: Each manufacturer of clear brushing lacquers shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of clear brushing lacquers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.2 Rust Preventative Coatings: Each manufacturer of rust preventative coatings shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of rust preventative coatings sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.3 Specialty Primers, Sealers and Undercoaters: Each manufacturer of specialty primers, sealers and</p>	<p>Until December 31, 2010 both versions of the rule have the same reporting requirements. After that date the non-SIP approved rule includes very specific information to be kept and is required for all architectural coatings. Therefore, non-SIP version of rule is as stringent as SIP version.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>Officer of the ARB. The report shall specify the number of gallons of specialty primers, sealers and undercoaters sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.4 Toxic Exempt Compounds: For each architectural coating that contains perchloroethylene or methylene chloride, the manufacturer shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB the following information for products sold in the State during the preceding year:</p> <p>6.2.4.1 the product brand name and a copy of the product label with legible usage instructions;</p> <p>6.2.4.2 the product category listed in the Table of Standards to which the coating belongs;</p> <p>6.2.4.3 the total sales in California during the calendar year to the nearest gallon;</p> <p>6.2.4.4 the volume percent, to the nearest 0.10 percent, of perchloroethylene and methylene chloride in the coating.</p> <p>6.2.5 Recycled Coatings: Manufacturers of recycled coatings must submit a letter to the Executive Officer of the ARB certifying their status as a Recycled Paint Manufacturer. The manufacturer shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall include, for all recycled coatings, the total number of gallons distributed in the State during the preceding year, and shall describe the method used by the manufacturer to calculate State distribution.</p> <p>6.2.6 Bituminous Coatings: Each manufacturer of bituminous roof coatings or bituminous roof primers shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of ARB. The report shall specify the number of gallons of bituminous roof coatings or bituminous roof primers sold in the State during the preceding calendar year, and shall describe</p>	<p>undercoaters shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of specialty primers, sealers and undercoaters sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.4 Toxic Exempt Compounds: For each architectural coating that contains perchloroethylene or methylene chloride, the manufacturer shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB the following information for products sold in the State during the preceding year:</p> <p>6.2.4.1 the product brand name and a copy of the product label with legible usage instructions;</p> <p>6.2.4.2 the product category listed in the Table of Standards 1 or the Table of Standards 2 to which the coating belongs;</p> <p>6.2.4.3 the total sales in California during the calendar year to the nearest gallon;</p> <p>6.2.4.4 the volume percent, to the nearest 0.10 percent, of perchloroethylene and methylene chloride in the coating.</p> <p>6.2.5 Recycled Coatings: Manufacturers of recycled coatings must submit a letter to the Executive Officer of the ARB certifying their status as a Recycled Paint Manufacturer. The manufacturer shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall include, for all recycled coatings, the total number of gallons distributed in the State during the preceding year, and shall describe the method used by the manufacturer to calculate State distribution.</p> <p>6.2.6 Bituminous Coatings: Each manufacturer of bituminous roof coatings or bituminous roof primers shall, on or before April 1 of each calendar year beginning with the</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>the method used by the manufacturer to calculate State sales.</p>	<p>year 2004, submit an annual report to the Executive Officer of ARB. The report shall specify the number of gallons of bituminous roof coatings or bituminous roof primers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate state sales.</p> <p>6.2.7 Effective on and after January 1, 2011, Sales Data: All sales data listed in Sections 6.2.7.1 to 6.2.7.14 shall be maintained on-site by the responsible official for a minimum of three years. A responsible official from each manufacturer shall upon request of the Executive Officer of the ARB, or his or her delegate, provide data concerning the distribution and sales of architectural coatings. Sales data submitted by the responsible official to the Executive Officer of the ARB may be claimed as confidential, and such information shall be handled in accordance with the procedures specified in Title 17, California Code of Regulations Sections 91000-91022. The responsible official shall within 180 days provide information, including, but not limited to the data listed in Sections 6.2.7.1 through 6.2.7.14:</p> <p>6.2.7.1 the name and mailing address of the manufacturer;</p> <p>6.2.7.2 the name, address and telephone number of a contact person;</p> <p>6.2.7.3 the name of the coating product as it appears on the label and the applicable coating category;</p> <p>6.2.7.4 whether the product is marketed for interior or exterior use or both;</p> <p>6.2.7.5 the number of gallons sold in California in containers greater than one liter (1.057 quart) and equal to or less than one liter (1.057 quart);</p> <p>6.2.7.6 the VOC Actual content and VOC Regulatory content in grams per liter. If thinning is recommended, list the VOC Actual content and VOC Regulatory content after maximum recommended thinning. If containers less than one liter have a different VOC content than containers</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p>greater than one liter, list separately. If the coating is a multi-component product, provide the VOC content as mixed or catalyzed;</p> <p>6.2.7.7 the names and CAS numbers of the VOC constituents in the product;</p> <p>6.2.7.8 the names and CAS numbers of any compounds in the product specifically exempted from the VOC definition;</p> <p>6.2.7.9 whether the product is marketed as solvent-borne, waterborne, or 100% solids;</p> <p>6.2.7.10 description of resin or binder in the product;</p> <p>6.2.7.11 whether the coating is a single-component or multi-component product;</p> <p>6.2.7.12 the density of the product in pounds per gallon;</p> <p>6.2.7.13 the percent by weight of: solids, all volatile materials, water, and any compounds in the product specifically exempted from the VOC definition; and</p> <p>6.2.7.14 the percent by volume of: solids, water, and any compounds in the product specifically exempted from the VOC definition.</p>	
	<p>6.3 Test Methods</p> <p>6.3.1 VOC Content of Coatings: To determine the physical properties of a coating in order to perform the calculations in Section 3.26 and 3.27, the reference method for VOC content is U.S. EPA Method 24, except as provided in Sections 6.3.2 and 6.3.15. An alternative method to determine the VOC content of coatings is SCAQMD Method 304-91 (Revised February 1996), incorporated by reference in Section 6.3.14. The exempt compounds content shall be determined by SCAQMD Method 303-91 (Revised August 1996), incorporated by reference in Section 6.3.12. To determine the VOC content of a coating, the manufacturer may use U.S. EPA Method 24, or an alternative method as provided in Section 6.3.2, formulation data, or any other reasonable means for predicting that the coating has</p>	<p>6.3 Test Methods</p> <p>The test methods listed below shall be used to demonstrate compliance with this rule. Alternate equivalent test methods may be used provided the test methods have been approved by the APCO and EPA.</p> <p>6.3.1 Calculation of VOC Content: For the purpose of determining compliance with the VOC content limits in the Table of Standards 1 or the Table of Standards 2, the VOC content of a coating shall be determined as defined in Section 3.77, 3.78, or 3.79 as appropriate. The VOC content of a tint base shall be determined without colorant that is added after the tint base is manufactured. If the manufacturer does not recommend thinning, the VOC Content must be calculated for the product as supplied. If the manufacturer recommends thinning, the VOC Content must be calculated including the maximum amount of thinning solvent</p>	<p>The non-SIP version includes all the requirements of the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>been formulated as intended (e.g., quality assurance checks, recordkeeping). However, if there are any inconsistencies between the results of a Method 24 test and any other means for determining VOC content, the Method 24 test results will govern, except when an alternative method is approved as specified in Section 6.3.2. The District Air Pollution Control Officer (APCO) may require the manufacturer to conduct a Method 24 analysis.</p> <p>6.3.2 Alternative Test Methods: Other test methods demonstrated to provide results that are acceptable for purposes of determining compliance with Section 6.3.1, after review and approved in writing by the staffs of the District, the ARB and the U.S. EPA, may also be used.</p> <p>6.3.3 Methacrylate Traffic Marking Coatings: Analysis of methacrylate multicomponent coatings used as traffic marking coatings shall be conducted according to a modification of U.S. EPA Method 24 (40 CFR 59, subpart D, Appendix A), incorporated by reference in Section 6.3.15. This method has not been approved for methacrylate multicomponent coatings used for other purposes than as traffic marking coatings or for other classes of multicomponent coatings.</p> <p>6.3.4 Flame Spread Index: The flame spread index of a fire-retardant coating shall be determined by ASTM Designation E 84-99, "Standard Test Method for Surface Burning Characteristics of Building Materials"(see Section 3, Fire-Retardant Coating).</p> <p>6.3.5 Fire Resistance Rating: The fire resistance rating of a fire-resistive coating shall be determined by ASTM Designation E 119-98, "Standard Test Methods for Fire Tests of Building Construction Materials"(see Section 3, Fire-Resistive Coating).</p> <p>6.3.6 Gloss Determination: The gloss of a coating shall be determined by ASTM Designation D 523-89 (1999), "Standard Test Method for Specular Gloss"(see Section 3, Flat Coating, Nonflat Coating, Nonflat-High Gloss Coating and Quick-Dry Enamel).</p>	<p>recommended by the manufacturer. If the coating is a multi-component product, the VOC content must be calculated as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOC during the curing process, the VOC content must include the VOCs emitted during curing.</p> <p>6.3.2 VOC Content of Coatings: To determine the physical properties of a coating in order to perform the calculations in Section 3.77 and 3.79, the reference method for VOC content is EPA Method 24, except as provided in Sections 6.3.3 and 6.3.16. An alternative method to determine the VOC content of coatings is SCAQMD Method 304-91 (Revised February 1996). The exempt compounds content shall be determined by SCAQMD Method 303-91 (Revised 1993), BAAQMD Method 43 (Revised 1996), or BAAQMD Method 41 (Revised 1995), as applicable. To determine the VOC content of a coating, the manufacturer may use EPA Method 24, or an alternative method as provided in Section 6.3.3, formulation data, or any other reasonable means for predicting that the coating has been formulated as intended (e.g., quality assurance checks, recordkeeping). However, if there are any inconsistencies between the results of EPA Method 24 test and any other means for determining VOC content, the EPA Method 24 test results will govern, except when an alternative method is approved as specified in Section 6.3.3. The District Air Pollution Control Officer (APCO) may require the manufacturer to conduct an EPA Method 24 analysis.</p> <p>6.3.3 Alternative Test Methods: Other test methods demonstrated to provide results that are acceptable for purposes of determining compliance with Section 6.3.2, after review and approved in writing by the staffs of the District, ARB and EPA, may also be used.</p> <p>6.3.4 Methacrylate Traffic Marking Coatings: Analysis of methacrylate multicomponent coatings used as traffic marking coatings shall be conducted according to a modification of EPA Method 24 (40 CFR 59, subpart D, Appendix A).</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>6.3.7 Metal Content of Coatings: The metallic content of a coating shall be determined by SCAQMD Method 318-95, Determination of Weight Percent Elemental Metal in Coatings by X-Ray Diffraction, <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3, Metallic Pigmented Coating).</p> <p>6.3.8 Acid Content of Coatings: The acid content of a coating shall be determined by ASTM Designation D 1613-96, "Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer and related products"(see Section 3, Pre-Treatment Wash Primer).</p> <p>6.3.9 Drying Times: The set-to-touch, dry-hard, dry-to-touch and dry-to-recoat times of a coating shall be determined by ASTM Designation D 1640-95, "Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature" (see Section 3, Quick-Dry Enamel and Quick-Dry Primer, Sealer and Undercoater) The tack-free time of a quickdry enamel coating shall be determined by the Mechanical Test Method of ASTM Designation D 1640-95.</p> <p>6.3.10 Surface Chalkiness: The chalkiness of a surface shall be determined using ASTM Designation D4214-98, "Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films"(see Section 3, Specialty Primer, Sealer and Undercoater).</p> <p>6.3.11 Exempt Compounds— Siloxanes: Exempt compounds that are cyclic, branched, or linear completely methylated siloxanes, shall be analyzed as exempt compounds for compliance with Section 6 by BAAQMD Method 43, "Determination of Volatile Methylsiloxanes in Solvent-Based Coatings, Inks, and Related Materials," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 11/6/96 (see Section 3, Volatile Organic Compound, and Section 6.3.1).</p> <p>6.3.12 Exempt Compounds— Parachlorobenzotrifluoride (PCBTF): The exempt compound parachlorobenzotrifluoride, shall</p>	<p>This method has not been approved for methacrylate multicomponent coatings used for other purposes than as traffic marking coatings or for other classes of multicomponent coatings.</p> <p>6.3.5 Flame Spread Index: The flame spread index of a fire-retardant coating shall be determined by ASTM E84-07, "Standard Test Method for Surface Burning Characteristics of Building Materials" (see Section 3.0, Fire-Retardant Coating).</p> <p>6.3.6 Fire Resistance Rating: The fire resistance rating of a fire-resistive coating shall be determined by ASTM E119-07, "Standard Test Methods for Fire Tests of Building Construction Materials" (see Section 3.0, Fire-Resistive Coating).</p> <p>6.3.7 Gloss Determination: The gloss of a coating shall be determined by ASTM D523-89 (1999), "Standard Test Method for Specular Gloss" (see Section 3.0, Flat Coating, Nonflat Coating, Nonflat-High Gloss Coating and Quick-Dry Enamel).</p> <p>6.3.8 Metal Content of Coatings: The metallic content of a coating shall be determined by SCAQMD Method 318-95, Determination of Weight Percent Elemental Metal in Coatings by X-Ray Diffraction, <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Metallic Pigmented Coating, Aluminum Roof Coating and Faux Finish).</p> <p>6.3.9 Acid Content of Coatings: The acid content of a coating shall be determined by ASTM D1613-06, "Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer and related products" (see Section 3.0, Pre-Treatment Wash Primer).</p> <p>6.3.10 Drying Times: The set-to-touch, dry-hard, dry-to-touch and dry-to-recoat times of a coating shall be determined by ASTM D1640-95, "Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature" (see Section 3.0, Quick-Dry Enamel and Quick-Dry Primer, Sealer and Undercoater) The tack-free time of a quick-dry enamel coating shall be determined by the Mechanical Test Method of ASTM D1640-95. (Category deleted effective January 1, 2011.)</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>be analyzed as an exempt compound for compliance with Section 6 by BAAQMD Method 41, "Determination of Volatile Organic Compounds in Solvent Based Coatings and Related Materials Containing Parachlorobenzotrifluoride," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 12/20/95 (see Section 3, Volatile Organic Compound, and Section 6.3.1).</p> <p>6.3.13 Exempt Compounds: The content of compounds under U.S. EPA Method 24 shall be analyzed by SCAQMD Method 303-91 (Revised 1996), "Determination of Exempt Compounds," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3, Volatile Organic Compound, and Section 6.3.1).</p> <p>6.3.14 VOC Content of Coatings: The VOC content of a coating shall be determined by U.S. EPA Method 24 as it exists in appendix A of 40 <i>Code of Federal Regulations</i> (CFR) part 60, "Determination of Volatile Matter Content, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings"(see Section 6.3.1).</p> <p>6.3.15 Alternative VOC Content of Coatings: The VOC content of coatings may be analyzed either by U.S. EPA Method 24 or SCAQMD Method 304-91 (Revised 1996), "Determination of Volatile Organic Compounds (VOC) in Various Materials," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 6.3.1).</p> <p>6.3.16 Methacrylate Traffic Marking Coatings: The VOC content of methacrylate multicomponent coatings used as traffic marking coatings shall be analyzed by the procedures in 40 CFR part 59, subpart D, appendix A, "Determination of Volatile Matter Content of Methacrylate Multicomponent Coatings Used as Traffic Marking Coatings" (September 11, 1998) (see Section 6.3.3).</p>	<p>6.3.11 Surface Chalkiness: The chalkiness of a surface shall be determined using ASTM D4214-98, "Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films"(see Section 3, Specialty Primer, Sealer and Undercoater). (Category deleted effective January 1, 2011.)</p> <p>6.3.12 Exempt Compounds—Siloxanes: Exempt compounds that are cyclic, branched, or linear completely methylated siloxanes, shall be analyzed as exempt compounds for compliance with Section 6 by BAAQMD Method 43, "Determination of Volatile Methylsiloxanes in Solvent-Based Coatings, Inks, and Related Materials," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 11/6/96 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.13 Exempt Compounds—Parachlorobenzotrifluoride (PCBTF): The exempt compound parachlorobenzotrifluoride, shall be analyzed as an exempt compound for compliance with Section 6 by BAAQMD Method 41, "Determination of Volatile Organic Compounds in Solvent Based Coatings and Related Materials Containing Parachlorobenzotrifluoride," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 12/20/95 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.14 Exempt Compounds: The content of compounds under U.S. EPA Method 24 shall be analyzed by SCAQMD Method 303-91 (Revised 1993), "Determination of Exempt Compounds," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.15 VOC Content of Coatings: The VOC content of a coating shall be determined by EPA Method 24 as it exists in appendix A of 40 <i>Code of Federal Regulations</i> (CFR) part 60, "Determination of Volatile Matter Content, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings" (see Section 6.3.2).</p> <p>6.3.16 Alternative VOC Content of Coatings: The VOC content of coatings may be analyzed either by</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p>U.S. EPA Method 24 or SCAQMD Method 304-91 (Revised 1996), "Determination of Volatile Organic Compounds (VOC) in Various Materials," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i>.</p> <p>6.3.17 Methacrylate Traffic Marking Coatings: The VOC content of methacrylate multicomponent coatings used as traffic marking coatings shall be analyzed by the procedures in 40 CFR part 59, subpart D, appendix A, "Determination of Volatile Matter Content of Methacrylate Multicomponent Coatings Used as Traffic Marking Coatings" (September 11, 1998).</p> <p>6.3.18 Hydrostatic Pressure for Basement Specialty Coatings: The hydrostatic pressure resistance for basement specialty coatings shall be analyzed using ASTM D7088-04, "Standard Practice for Resistance to Hydrostatic Pressure for Coatings Used in Below Grade Applications Applied to Masonry".</p> <p>6.3.19 Tub and Tile Refinish Coating Adhesion: The adhesion of tub and tile coating shall be determined by ASTM D4585-99, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D3359-02, "Standard Test Methods for Measuring Adhesion by Tape Test".</p> <p>6.3.20 Tub and Tile Refinish Coating Hardness: The hardness of tub and tile refinish coating shall be determined by ASTM D3363-05, "Standard Test Method for Film Hardness by Pencil Test".</p> <p>6.3.21 Tub and Tile Refinish Coating Abrasion Resistance: Abrasion resistance of tub and tile refinish coating shall be analyzed by ASTM D4060-07, "Standard Test Methods for Abrasion Resistance of Organic Coatings by the Taber Abraser".</p> <p>6.3.22 Tub and Tile Refinish Coating Water Resistance: Water resistance of tub and tile refinish coatings shall be determined by ASTM D4585-99, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D714-02e1, "Standard Test Method for Evaluating Degree of Blistering of Paints".</p> <p>6.3.23 Waterproofing Membrane: Waterproofing membrane shall be</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p>tested by ASTM C836-06, "Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course".</p> <p>6.3.24 Mold and Mildew Growth for Basement Specialty Coatings: Mold and mildew growth resistance for basement specialty coatings shall be determined by ASTM D3273-00, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber" and ASTM D3274-95, "Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation".</p> <p>6.3.25 Reactive Penetrating Sealer Water Repellency: Reactive penetrating sealer water repellency shall be analyzed by ASTM C67-07, "Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile"; or ASTM C97-02, "Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone"; or ASTM C140-06, "Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units".</p> <p>6.3.26 Reactive Penetrating Sealer Water Vapor Transmission: Reactive penetrating sealer water vapor transmission shall be analyzed ASTM E96/E96M-05, "Standard Test Method for Water Vapor Transmission of Materials".</p> <p>6.3.27 Reactive Penetrating Sealer - Chloride Screening Applications: Reactive penetrating sealers shall be analyzed by National Cooperative Highway Research Report 244 (1981), "Concrete Sealers for the Protection of Bridge Structures".</p> <p>6.3.28 Stone Consolidants: Stone consolidants shall be tested using ASTM E2167-01, "Standard Guide for Selection and Use of Stone Consolidants".</p>	
7.0 Compliance Schedule	Persons subject to this rule shall be in compliance with this rule by October 31, 2001.	Persons subject to this rule shall be in compliance with this rule by the dates specified within the rule.	No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.
8.0 Averaging Compliance Option	8.1 On or after January 1, 2003, in lieu of compliance with the specified limits in the Table of Standards for floor		No change in the requirements, therefore, non-SIP version of rule is

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>coatings; industrial maintenance coatings; primers, sealers, and undercoaters; quick-dry primers, sealers, and undercoaters; quick-dry enamels; roof coatings; rust preventative coatings; stains; waterproofing sealers, as well as flats and non-flats (excluding recycled coatings), manufacturers may average designated coatings such that their actual cumulative emissions from the averaged coatings are less than or equal to the cumulative emissions that would have been allowed under those limits over a compliance period not to exceed one year. Such manufacturers must also comply with the averaging provisions contained in this Section, as well as maintain and make available for inspection records for at least three years after the end of the compliance period. This Section shall cease to be effective on January 1, 2005, after which averaging will no longer be allowed.</p> <p>Per Section 8.1, averaging is no longer applicable. Therefore, Sections 8.2 through 8.14 are not listed.</p>		<p>as stringent as SIP version.</p>

As analyzed, each amended section of the non-SIP version of the rule is at least as stringent as, or more stringent than the corresponding section of the SIP version of the rule. Therefore, it is concluded that overall the non-SIP version of the rule is more stringent than the SIP version of the rule.

a. N-3606-0-2 – Facilitywide Requirements

- Conditions 24 through 26 on the proposed permit to operate ensure compliance with the requirements of this rule. The conditions were revised to cite the correct amendment date for the current version of the rule.

E. District Rule 4607 – Graphic Arts and Paper, Film, Foil and Fabric Coatings

The purpose of this rule is to limit VOC emissions from graphic arts printing operations, digital printing operations, and paper, film, foil and fabric coating operations. The most current amendment of the rule (12/18/08) was approved into the SIP on 10/15/09.

Section 5.1 states that any person operating a graphic arts printing operation not subject to Section 5.2, 5.3, 5.4, or 5.5 shall not use graphic arts materials in excess of the following VOC content limits, as applied: (a) Flexographic Ink on Porous Substrates – 1.88 lb/gallon; (b) all other inks – 2.5 lb/gallon (c) coatings – 2.5 lb/gallon (d) adhesives – 1.25 lb/gallon (e) web splicing adhesives – 1.25 lb/gallon.

Section 5.1 also specifies the VOC content limits for fountain solutions as follows: (a) heatset web offset lithographic presses – 1.6%; (b) coldset web offset lithographic presses – 5% (c) sheet-fed offset lithographic presses with maximum sheet size greater than 11 x 17 inches – 5% (d) all other presses – 8%.

Section 5.2 requires that an operator using a flexographic printing operation shall not use a specialty ink in excess of the following VOC content limits: (a) metallic ink - 3.8 lb/gallon (b) matte finish ink - 4.5 lb/gallon (c) metallic ink and matte finish ink on flexible package printing - 3.2 lb/gallon

Section 5.2 also requires that an operator using a flexographic printing operation shall not use more than 2 gallons of specialty inks in a calendar day and 120 gallons of specialty inks in a calendar year.

a. N-3606-4-4 – 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)

- Condition 9 on the renewed permit to operate ensures compliance with the requirements of section 5.1. The condition has been modified to include the rule citation.

b. N-3606-9-6 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM

- Condition 8 on the renewed permit to operate ensures compliance with the requirements of section 5.1. The condition has been modified to include VOC limits from the current version of the rule and the rule citation.

- c. N-3606-11-7 – CORRUGATED BOARD FINISHING OPERATION CONSISTING OF AN AUTOMATAN MODEL 7000 SHEETFED GLUER
- Condition 7 on the renewed permit to operate ensures compliance with the requirements of section 5.1. The condition has been modified to include VOC limits from the current version of the rule.
- d. N-3606-13-5 – 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)
- e. N-3606-14-5 – 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)
- f. N-3606-15-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 3-COLOR MARTIN MODEL DRO 1628 FLEXOGRAPHIC PRINTER (S/N 6036) WITH A FOLDER, GLUER, AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)
- Condition 7 on the renewed permits to operate ensures compliance with the requirements of sections 5.1 and 5.2. The condition has been modified to include fountain solution VOC limits from the current version of the rule, limit on the use of specialty inks, and the rule citation.
- g. N-3606-16-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER
- h. N-3606-23-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM
- i. N-3606-24-3 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER

- Condition 8 on the renewed permit to operate ensures compliance with the requirements of section 5.1. The condition has been modified to include VOC limits from the current version of the rule and the rule citation.
- j. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)
- Condition 8 on the renewed permit to operate ensures compliance with the requirements of section 5.1. The condition has been modified to include VOC limits from the current version of the rule and the rule citation.

Section 5.7 requires that no operator shall apply coatings unless coatings are applied with equipment operated according to manufacturer's specifications, and only by the use of one of the following types of coating application equipment: flow coater, roll coater, dip coater, foam coater, die coater, hand application, and High-Volume, Low- Pressure (HVLP) spray for air dried coatings.

- a. N-3606-9-6 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM
- b. N-3606-16-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER
- c. N-3606-23-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM
- d. N-3606-24-3 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER

e. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)

- Condition 2 on the renewed permit to operate ensures compliance with the requirements of section 5.7. The condition has been modified to include the correct section of the rule citation in the citation.

Section 5.8.1 specifies the allowable VOC contents of solvents used for cleaning operations, as shown in the following table:

VOC Content Limits for Solvent Cleaning		
Type of Solvent Cleaning Operation	VOC Content Limit Grams of VOC/liter of material (lb/gal), effective through December 31, 2009	VOC Content Limit Grams of VOC/liter of material (lb/gal), effective on and after January 1, 2010
A. Product Cleaning During Manufacturing Process; or Surface Preparation for Coating, Ink, or Adhesive Application	25 (0.21)	25 (0.21)
B. Repair and Maintenance Cleaning	25 (0.21)	25 (0.21)
C. Cleaning of Coating or Adhesive Application Equipment	25 (0.21)	25 (0.21)
D. Cleaning of Ink Application Equipment		
1. General	25 (0.21)	25 (0.21)
2. Flexographic Printing	25 (0.21)	25 (0.21)
3. Specialty Flexographic Printing	100 (0.83)	100 (0.83)
4. Gravure Printing		
4.1 Publication	100 (0.83)	100 (0.83)
4.2 Packaging	25 (0.21)	25 (0.21)
5. Lithographic (Offset) or Letterpress Printing		
5.1 Roller Wash – Step 1	500 (4.2)	100 (0.83)
5.2 Roller Wash – Step 2; Roller Wash – not specified; Blanket Wash, and On-Press Components	500 (4.2)	100 (0.83)
5.3 Removable Press Components	25 (0.21)	25 (0.21)
6. Screen Printing	500 (4.2)	100 (0.83)
7. Ultraviolet Ink/Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)

Section 5.8.3 requires that solvent cleaning activities that use solvents with VOC content greater than 25 grams per liter of material and conducted outside of a VOC control device shall be performed by one or more of the following methods: (a) wipe cleaning; (b) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; (c) 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; (d) 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.

Section 5.8.4 requires that for cleaning activities using solvents with VOC content greater than 25 grams per liter of material, solvent shall not be atomized into the open air unless it is vented to a VOC emission control system that complies with Section 5.5. This provision shall not apply to printing operations where the roller or blanket wash is applied automatically and the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in Section 5.8.3.2.

Section 5.8.5 requires that for cleaning activities using solvents with VOC content greater than 25 grams per liter of material, an operator shall not use VOC-containing materials 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 and draining procedures, and it must be used according to the manufacturer's recommendations and must be closed when not in use.

Section 5.9 requires that an operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials, coatings, adhesives, catalysts, thinners, and ink in closed, nonabsorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty.

Section 5.10 requires that an operator 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.

- a. N-3606-4-4 – 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)
- b. N-3606-11-7 – CORRUGATED BOARD FINISHING OPERATION CONSISTING OF AN AUTOMATAN MODEL 7000 SHEETFED GLUER
- c. N-3606-13-5 – 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)
- d. N-3606-14-5 – 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)
- e. N-3606-15-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 3-COLOR MARTIN MODEL DRO 1628 FLEXOGRAPHIC PRINTER (S/N 6036) WITH A FOLDER, GLUER, AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)
 - Conditions 1 through 6 on the renewed permits to operate ensure compliance with the requirements of sections 5.8 through 5.10. The condition has been modified to include fountain solution VOC limits from the current version of the rule, limit on the use of specialty inks, and the rule citation.
- f. N-3606-9-6 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM
- g. N-3606-16-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER
- h. N-3606-23-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM

- i. N-3606-24-3 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER
- j. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)
 - Conditions 1 and 3 through 7 on the renewed permits to operate ensure compliance with the requirements of sections 5.8 through 5.10.

Section 6.1 requires the maintenance of records as follows: (6.1.1) a current file documenting coatings, inks, adhesives, fountain solutions, wash primers, and solvents in use and in storage, including material safety data sheet (MSDS) or product data sheet showing the material name, manufacturer's name, VOC content as applied, specific mixing instructions, and density; (6.1.2) for materials complying with the VOC limits in the rule, a monthly record of the type and amount of all inks, coatings, adhesives, wash primers, fountain solutions and solvents used; (6.1.4) a daily record of the type and amount of flexographic specialty inks used.

This section requires the records to be maintained on-site for a minimum of five years, and to be made available to the APCO, ARB, and EPA upon request.

- a. N-3606-4-4 – 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)
 - Conditions 11, 12 and 16 on the renewed permits to operate ensure compliance with the requirements of sections 6.1.
- b. N-3606-11-7 – CORRUGATED BOARD FINISHING OPERATION CONSISTING OF AN AUTOMATAN MODEL 7000 SHEETFED GLUER
- c. N-3606-13-5 – 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)

- d. N-3606-14-5 – 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)
- e. N-3606-15-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 3-COLOR MARTIN MODEL DRO 1628 FLEXOGRAPHIC PRINTER (S/N 6036) WITH A FOLDER, GLUER, AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)
 - Conditions 11, 12 and 15 on the renewed permits to operate ensure compliance with the requirements of sections 6.1.
- f. N-3606-9-6 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM
- g. N-3606-16-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER
- h. N-3606-23-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM
- i. N-3606-24-3 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER
- j. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)
 - Conditions 13, 14 and 17 on the renewed permits to operate ensure compliance with the requirements of sections 6.1.

Section 6.3 provides that, for the purposes of determining compliance with emissions limits, and determining eligibility for exemption under Section 4.1 of this rule, the amount of VOC emitted from heatset and non-heatset inks used shall be discounted by the following substrate retention factors: 20 percent for

heatset inks and 95 percent for non-heatset inks. These substrate retention factors shall not be used when determining compliance of inks with applicable VOC content limits specified in this rule.

- a. N-3606-9-6 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM
- b. N-3606-16-5 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER
- c. N-3606-23-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM
- d. N-3606-24-3 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER
- e. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)
 - Condition 10 on the renewed permits to operate ensures compliance with the requirements of sections 6.3.

F. District Rule 8011 – General Requirements

The purpose of Regulation VIII (Fugitive PM10 Prohibitions) is to reduce ambient concentrations of fine particulate matter (PM10) by requiring actions to prevent, reduce or mitigate anthropogenic fugitive dust emissions. The rules contained in this regulation have been developed pursuant to United States Environmental Protection Agency guidance for Serious PM10 Nonattainment Areas. The rules are applicable to specified anthropogenic fugitive dust sources. Fugitive dust contains PM10 and particles larger than PM10. Controlling fugitive dust missions when visible emissions are detected will not prevent all PM10 emissions, but will substantially reduce PM10 emissions.

The provisions of this rule are applicable to specified outdoor fugitive dust sources. The definitions, exemptions, requirements, administrative requirements, recordkeeping requirements, and test methods set forth in this rule are applicable to all rules under Regulation VIII (Fugitive PM10 Prohibitions) of the Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District.

The following permit conditions, which are based on the requirements of this rule, have been modified as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Conditions 30 through 35 and 41 on the existing permit to operate were edited to cite the correct amendment date for the most current SIP-approved version of the rule.

G. District Rule 8021 – Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities

The purpose of this rule is to limit fugitive dust emissions from construction, demolition, excavation, extraction, and other earthmoving activities.

This rule applies to any construction, demolition, excavation, extraction, and other earthmoving activities, including, but not limited to, land clearing, grubbing, scraping, travel on site, and travel on access roads to and from the site. This rule also applies to the construction of new landfill disposal sites or modification to existing landfill disposal sites prior to commencement of landfilling activities.

Section 5.0 requires that no person shall perform any construction, demolition, excavation, extraction, or other earthmoving activities unless the appropriate requirements in sections 5.1 and 5.2 are sufficiently implemented to limit VDE to 20% opacity. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

The following permit conditions, which are based on the requirements of this rule, have been modified as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Condition 30 on the existing permit to operate was edited to cite the correct amendment date for the most current SIP-approved version of the rule.

H. District Rule 8031 – Bulk Materials

The purpose of this rule is to limit fugitive dust emissions from the outdoor handling, storage, and transport of bulk materials.

This rule applies to the outdoor handling, storage, and transport of any bulk material.

Section 5.0 requires that no person shall perform any outdoor handling, storage, and transport of bulk materials unless the appropriate requirements in Table 8031-1 of this rule are sufficiently implemented to limit VDE to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

The following permit conditions, which are based on the requirements of this rule, have been modified as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Condition 31 on the existing permit to operate was edited to cite the correct amendment date for the most current SIP-approved version of the rule.

I. District Rule 8041 – Carryout and Trackout

The purpose of this rule is to limit fugitive dust emissions from carryout and trackout.

This rule applies to all sites that are subject to Rules 8021 (Construction, Demolition, Excavation, Extraction, and other Earthmoving Activities), 8031 (Bulk Materials), and 8071 (Unpaved Vehicle and Equipment Traffic Areas) where carryout or trackout has occurred or may occur.

Section 5.0 requires that an owner/operator shall sufficiently prevent or cleanup carryout and trackout as specified in sections 5.1 through 5.8. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII. The use of blower devices, or dry rotary brushes or brooms, for removal of carryout and trackout on public roads is expressly prohibited. The removal of carryout and trackout from paved public roads does not exempt an owner/operator from obtaining state or local agency permits which may be required for the cleanup of mud and dirt on paved public roads.

The following permit conditions, which are based on the requirements of this rule, have been modified as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Condition 32 on the existing permit to operate was edited to cite the correct amendment date for the most current SIP-approved version of the rule.

J. District Rule 8051 – Open Areas

The purpose of this rule is to limit fugitive dust emissions from open areas. This rule applies to any open area having 3.0 acres or more of disturbed surface area that has remained undeveloped, unoccupied, unused, or vacant for more than seven days.

Section 5.0 requires that whenever open areas are disturbed or vehicles are used in open areas, the owner/operator shall implement one or a combination of control measures indicated in Table 8051-1 to comply with the conditions of a stabilized surface at all times and to limit VDE to 20% opacity. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

The following permit conditions, which are based on the requirements of this rule, have been modified as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Condition 33 on the existing permit to operate was edited to cite the correct amendment date for the most current SIP-approved version of the rule.

K. District Rule 8061 – Paved and Unpaved Roads

The purpose of this rule is to limit fugitive dust emissions from paved and unpaved roads by implementing control measures and design criteria. This rule applies to any new or existing public or private paved or unpaved road, road construction project, or road modification project.

a. N-3606-0-2 – Facilitywide Requirements

- Condition 34 on the existing permit to operate was edited to cite the correct amendment date for the most current SIP-approved version of the rule.

L. District Rule 8071 – Unpaved Vehicle/Equipment Traffic Area

The purpose of this rule is to limit fugitive dust emissions from unpaved vehicle and equipment traffic areas by implementing control measures and design criteria.

This rule applies to any unpaved vehicle/equipment traffic area of 1.0 acre or larger.

The following permit conditions, which are based on the requirements of this rule, have been modified as follows:

a. N-3606-0-2 – Facilitywide Requirements

- Condition 35 on the existing permit to operate was edited to cite the correct amendment date for the most current SIP-approved version of the rule.

M. 40 CFR Part 61, Subpart M – National Emission Standard for Asbestos

These regulations apply to demolition or renovation activity, as defined in 40 CFR 61.141. 40 CFR Section 61.150 of this Subpart was amended September 18, 2003.

Condition 36 on the proposed modified permit to operate (N-3606-0-2) ensures compliance with this requirement.

N. 40 CFR Part 82, Subparts B and F – Stratospheric Ozone

These regulations apply to servicing motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC). Sections of this regulation were amended in 2007 and 2008.

Conditions 28 and 29 on the proposed modified permit to operate (N-3606-0-2) ensure compliance with these requirements.

O. 40 CFR Part 64 – Compliance Assurance Monitoring

40 CFR Part 64 requires Compliance Assurance Monitoring (CAM) for units that meet the following three criteria:

- 1) the unit must have an emission limit for the pollutant;

- 2) the unit must have add-on controls for the pollutant (devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers); and
- 3) the unit must have a pre-control potential to emit of greater than the major source thresholds.
 - a. N-3606-3-5 - CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE DOMINO MODEL 165/MATIC BOX MAKER
 - b. N-3606-4-4 - 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)
 - c. N-3606-9-6 - GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM
 - d. N-3606-11-7 - CORRUGATED BOARD FINISHING OPERATION CONSISTING OF AN AUTOMATAN MODEL 7000 SHEETFED GLUER
 - e. N-3606-13-5 - 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)
 - f. N-3606-14-5 - 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)
 - g. N-3606-15-5 - GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 3-COLOR MARTIN MODEL DRO 1628 FLEXOGRAPHIC PRINTER (S/N 6036) WITH A FOLDER, GLUER, AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)
 - h. N-3606-16-5 - GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER

- i. N-3606-19-3 – CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE DOMINO MODEL 110M II MATIC BOX MAKER (S/N 0349-063-01)
- j. N-3606-21-3 – CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE STAUDE WINDOW MACHINE (S/N WSI-2307)
- k. N-3606-23-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM
- l. N-3606-24-3 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER
- m. N-3606-25-1 – CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE INTERNATIONAL PAPERBOX MODEL 6FX-154 20" WEB WIDTH FOLDER GLUER
- n. N-3606-26-4 – GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)
- o. N-3606-27-2 – CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE STANDARD MAX 1100 30" WEB WIDTH FOLDER GLUER

These emission units do not have any add-on controls and are therefore not subject to CAM.

IX. PERMIT SHIELD

A permit shield legally protects a facility from enforcement of the shielded regulations when a source is in compliance with the terms and conditions of the Title V permit. Compliance with the terms and conditions of the Operating Permit is considered compliance with all applicable requirements upon which those conditions are based, including those that have been subsumed.

The permit shields are included in conditions 40 and 41 under permit unit N-3606-0-2.

Condition 40 has been revised to remove the obsolete permit shield for County Rule 401 (all eight counties), which has been replaced by District Rule 4101 in the SIP.

Condition 41 has been revised to cite the correct amendment dates for the most current versions of the rules.

X. PERMIT CONDITIONS

See Attachment A – Draft Renewed Title V Operating Permit.

XI. ATTACHMENTS

- A. Draft Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Facility List
- D. District Rule 4601 Tables of Standards

ATTACHMENT A

Draft Renewed Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: N-3606-0-2

EXPIRATION DATE: 04/30/2009

FACILITY-WIDE REQUIREMENTS

1. {118} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. {2285} 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. {2286} 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. {2287} 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. {2288} 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 (3/21/02). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
6. {2289} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] Federally Enforceable Through Title V Permit
7. {2290} 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. {2291} 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. {2292} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: PACIFIC SOUTHWEST CONTAINER
Location: 4530 LECKRON RD, MODESTO, CA 95357
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10. {2293} 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
11. {2294} 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. {2295} 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. {2296} 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. {2297} 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. {2298} 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. {2299} 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. {2300} 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. {2301} 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. {2302} 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. {2303} 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. {2304} 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. {2305} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

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

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] Federally Enforceable Through Title V Permit
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 the Table of Standards 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 for architectural coatings 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. {2310} 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. {2311} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
29. {2312} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR 82, Subpart B. [40 CFR 82, Subpart B] Federally Enforceable Through Title V Permit
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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [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 (8/19/04) or Rule 8011 (8/19/04). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
35. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/04) or Rule 8011 (8/19/04). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit

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

36. {2319} 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
37. {2320} 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 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. {2321} 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. {2322} 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

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-3-5

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-4-4

EXPIRATION DATE: 04/30/2009

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

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 NSR Rule and District Rule 4607, 5.10] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] Federally Enforceable Through Title V Permit
7. The PM10 emissions shall not exceed 0.24 pounds per ton of dry starch adhesive mixed. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
9. The VOC content of the adhesives used shall not exceed 0.083 lb/gal (less water and exempt compounds). [District NSR Rule and District Rule 4607, 5.1] 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 shall not exceed 40.0 lb/day and 9,818 lb/year. [District NSR Rule] 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, 6.1.1] 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 NSR Rule and District Rule 4607, 6.1.2 & 6.1.4] 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 Rule 1070 and District NSR Rule] 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 NSR Rule] 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 Rule 1070 and District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-9-6

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule and District Rule 4607, 5.10] 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, 5.7] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] 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); adhesives - 1.25 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 6% by volume; 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 for high end graphics - less than 8% by volume. [District NSR Rule and District Rule 4607, 5.1] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 170.0 lb/day. [District NSR Rule] 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-11-7

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule and District Rule 4607, 5.10] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] Federally Enforceable Through Title V Permit
7. The VOC content of the standard adhesives shall not exceed 1.25 lb/gal (less water and exempt compounds) and the VOC content of the web splicing adhesives shall not exceed 1.25 lb/gal (less water and exempt compounds). [District Rule 4607, 5.1] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 30.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

10. The 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 NSR Rule] 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, and density. [District Rule 4607, 6.1.1] 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 NSR Rule and District Rule 4607, 6.1.2 & 6.1.4] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-13-5

EXPIRATION DATE: 04/30/2009

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

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 NSR Rule and District Rule 4607, 5.10] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] Federally Enforceable Through Title V Permit
7. 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) For box gluing use adhesives with a VOC content of less than or equal to 0.06 lb/gal (less water and exempt compounds) (e) 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 NSR Rule and District Rule 4607, 5.1 & 5.2] 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. VOC emissions shall not exceed 95.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
10. 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 NSR Rule] 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, 6.1.1] 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 NSR Rule and District Rule 4607, 6.1.2 & 6.1.4] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-14-5

EXPIRATION DATE: 04/30/2009

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

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 NSR Rule and District Rule 4607, 5.10] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] Federally Enforceable Through Title V Permit
7. 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) For box gluing use adhesives with a VOC content of less than or equal to 0.06 lb/gal (less water and exempt compounds) (e) 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 NSR Rule and District Rule 4607, 5.1 & 5.2] 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. VOC emissions shall not exceed 95.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
10. 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 NSR Rule] 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, 6.1.1] 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 NSR Rule and District Rule 4607, 6.1.2 & 6.1.4] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-15-5

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule and District Rule 4607, 5.10] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] Federally Enforceable Through Title V Permit
7. 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) For box gluing use adhesives with a VOC content of less than or equal to 0.06 lb/gal (less water and exempt compounds) (e) 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 NSR Rule and District Rule 4607, 5.1 & 5.2] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 95.0 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

9. The 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 NSR Rule] Federally Enforceable Through Title V Permit
10. 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 NSR Rule] 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, 6.1.1] 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 NSR Rule and District Rule 4607, 6.1.2 & 6.1.4] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-16-5

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFEED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER

PERMIT UNIT REQUIREMENTS

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 NSR Rule and District Rule 4607, 5.10] 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, 5.7] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] 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); adhesives - 1.25 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 6% by volume; 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 for high end graphics - less than 8% by volume. [District NSR Rule and District Rule 4607, 5.1] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 70.0 lb/day. [District NSR Rule] 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-19-3

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-21-3

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 5.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-23-4

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule and District Rule 4607, 5.10] 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, 5.7] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] 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); adhesives - 1.25 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 6% by volume; 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 for high end graphics - less than 8% by volume. [District NSR Rule and District Rule 4607, 5.1] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 70.0 lb/day. [District NSR Rule] 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-24-3

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER

PERMIT UNIT REQUIREMENTS

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 NSR Rule and District Rule 4607, 5.10] 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, 5.7] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] 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 8% by volume. [District NSR Rule] 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 shall not exceed 99.0 lb/day. [District NSR Rule] 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-25-1

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 4607, 6.1.6] 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-3606-26-4

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)

PERMIT UNIT REQUIREMENTS

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 NSR Rule and District Rule 4607, 5.10] 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, 5.7] 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, Rule 4607 (12/18/08). [District Rule 4607, 5.8.1] 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, 5.8.3] 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, 5.8.4] 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, 5.8.5] 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, 5.9] 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); adhesives - 1.25 lb/gallon (less water and exempt compounds, as applied); fountain solutions - less than 6% by volume; 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 for high end graphics - less than 8% by volume. [District NSR Rule and District Rule 4607, 5.1] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 99.0 lb/day. [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, 6.3] 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. 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
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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 Rule 2201 & 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 & 2201] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
17. 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, 6.1] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-27-2

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.044 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. 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 950 pounds during any one calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [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 Rules 1070, 4.0; 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

ATTACHMENT B

Previous Title V Operating Permit



Permit to Operate

FACILITY: N-3606

EXPIRATION DATE: 04/30/2009

LEGAL OWNER OR OPERATOR:
MAILING ADDRESS:

PACIFIC SOUTHWEST CONTAINER
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

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: N-3606-0-1

EXPIRATION DATE: 04/30/2009

FACILITY-WIDE REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County 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 (3/21/02). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
6. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] 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.

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 (11/15/01). 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 the Table of Standards of District Rule 4601 (10/31/01) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
25. All VOC-containing materials for architectural coatings subject to Rule 4601 (10/31/01) 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 (10/31/01). [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 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 82, Subpart B. [40 CFR 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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
35. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (11/15/01) or Rule 8011 (11/15/01). [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 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), and Rule 111 (Kern, Tulare, Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
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 (11/15/01); 4601, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (10/31/01); 8021 (11/15/01); 8031 (11/15/01); 8041 (11/15/01); 8051 (11/15/01); 8061 (11/15/01); and 8071 (11/15/01). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. On January 31, 2005, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-3-4

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 4607, 6.1.6] 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-3606-4-3

EXPIRATION DATE: 04/30/2009

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

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 NSR Rule] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
3. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] Federally Enforceable Through Title V Permit
7. The PM10 emissions shall not exceed 0.24 pounds per ton of dry starch adhesive mixed. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
9. The VOC content of the adhesives used shall not exceed 0.083 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
10. VOC emissions shall not exceed 40.0 lb/day and 9,818 lb/year. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. Permittee shall 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, 6.1.1] 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 adhesives, primers, 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 NSR Rule and District Rule 4607, 6.1.2] 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 Rule 1070 and District NSR Rule] 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 NSR Rule] 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 Rule 1070 and District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-9-4

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] 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, 5.6] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] 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 8% by volume. [District NSR Rule] 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 shall not exceed 170.0 lb/day. [District NSR Rule] 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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, 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-11-5

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
3. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] Federally Enforceable Through Title V Permit
7. The VOC content of the standard adhesives shall not exceed 1.25 lb/gal (less water and exempt compounds) and the VOC content of the web splicing adhesives shall not exceed 2.5 lb/gal (less water and exempt compounds). [District Rule 4607, 5.1] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 30.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
10. 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 NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. Permittee shall 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, 6.1.1] 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, 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 NSR Rule and District Rule 4607, 6.1.2] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-13-3

EXPIRATION DATE: 04/30/2009

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

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 NSR Rule] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
3. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] Federally Enforceable Through Title V Permit
7. 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) For box gluing use adhesives with a VOC content of less than or equal to 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 95.0 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

9. The 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 NSR Rule] Federally Enforceable Through Title V Permit
10. 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 NSR Rule] 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, 6.1.1] 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, 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 NSR Rule and District Rule 4607, 6.1.2] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-14-3

EXPIRATION DATE: 04/30/2009

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

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 NSR Rule] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
3. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] Federally Enforceable Through Title V Permit
7. 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) For box gluing use adhesives with a VOC content of less than or equal to 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 95.0 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

9. The 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 NSR Rule] Federally Enforceable Through Title V Permit
10. 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 NSR Rule] 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, 6.1.1] 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, 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 NSR Rule and District Rule 4607, 6.1.2] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-15-3

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
3. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] Federally Enforceable Through Title V Permit
7. 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) For box gluing use adhesives with a VOC content of less than or equal to 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 95.0 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

9. The 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 NSR Rule] Federally Enforceable Through Title V Permit
10. 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 NSR Rule] 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, 6.1.1] 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, 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 NSR Rule and District Rule 4607, 6.1.2] 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
14. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-16-3

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFEED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER

PERMIT UNIT REQUIREMENTS

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 NSR Rule] 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, 5.6] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] 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 8% by volume. [District NSR Rule] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 70.0 lb/day. [District NSR Rule] 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. 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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, 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-19-2

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 4607, 6.1.6] 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-3606-21-2

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 5.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 4607, 6.1.6] 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-3606-23-2

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM

PERMIT UNIT REQUIREMENTS

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 NSR Rule] 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, 5.6] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] 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 8% by volume. [District NSR Rule] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 70.0 lb/day. [District NSR Rule] 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. 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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, 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-24-1

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER

PERMIT UNIT REQUIREMENTS

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 NSR Rule] 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, 5.6] 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 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607, 5.8.3] Federally Enforceable Through Title V Permit
4. For a permittee using any solvent containing more than 50 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, 5.8.6] Federally Enforceable Through Title V Permit
5. For a permittee using any solvent containing more than 50 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, 5.8.7] Federally Enforceable Through Title V Permit
6. For a permittee using any solvent containing more than 50 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, 5.8.8] 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, 5.8.9] 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 8% by volume. [District NSR Rule] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 99.0 lb/day. [District NSR Rule] 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. 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 NSR Rule and District Rule 4607, 6.3] 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 NSR Rule] Federally Enforceable Through Title V Permit
12. 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 NSR Rule] Federally Enforceable Through Title V Permit
13. 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, 6.1.1] Federally Enforceable Through Title V Permit
14. 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, 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 NSR Rule and District Rule 4607, 6.1.2] Federally Enforceable Through Title V Permit
15. 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 Rule 1070 and District NSR Rule] Federally Enforceable Through Title V Permit
16. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District NSR Rule] Federally Enforceable Through Title V Permit
17. 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, 4.0; 2520, 9.4.2; and 4607, 6.1.6] 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-3606-25-0

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.06 lb/gal (less water and exempt compounds). [District NSR Rule] Federally Enforceable Through Title V Permit
3. VOC emissions from this unit shall not exceed 10.0 lb/day. [District NSR Rule] 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 NSR Rule] Federally Enforceable Through Title V Permit
5. The combined VOC emissions from the box making lines shall not exceed 950 pounds during any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [District NSR Rule] 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 NSR Rule] 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 NSR Rule] 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 NSR Rule] 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-26-3

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] 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 NSR Rule] Federally Enforceable Through Title V Permit
4. 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
5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content limits of Rule 4607 (Graphic Arts) Table 6. [District Rule 4607] Federally Enforceable Through Title V Permit
6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Table 6, Rule 4607 (12/20/01 version of Rule 4607). [District Rule 4607] Federally Enforceable Through Title V Permit
7. For a permittee using any solvent containing more than 50 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
8. For a permittee using any solvent containing more than 50 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
9. For a permittee using any solvent containing more than 50 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
10. 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.

11. 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 8% by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
12. VOC emissions shall not exceed 99.0 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
13. 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 Rule 2201] Federally Enforceable Through Title V Permit
14. 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
15. 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
16. 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
17. 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, 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 Rule 2201 & 4607] Federally Enforceable Through Title V Permit
18. 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 Rule 1070 & 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain a record of the cumulative annual VOC emissions from all facility permitted graphic arts printing and corrugated board finishing operations. The cumulative total VOC emissions shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-3606-27-1

EXPIRATION DATE: 04/30/2009

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC content of the adhesives used shall not exceed 0.044 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. 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 950 pounds during any one calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A record of the cumulative combined annual VOC emissions, in pounds, from the box making lines shall be kept. The record be updated at least monthly. [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 Rules 1070, 4.0; 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

ATTACHMENT C

Detailed Facility List

Detailed Facility Report
For Facility=3606 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

PACIFIC SOUTHWEST CONTAINER 4530 LECKRON RD MODESTO, CA 95357	FAC # STATUS: TELEPHONE:	N 3606 A (209) 526-0444	TYPE: TOXIC ID:	TitleV 51641	EXPIRE ON: AREA: INSP. DATE:	04/30/2009 16 / 10/10
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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-3606-3-4	30 hp	3020-01 B	1	117.00	117.00	A	CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE DOMINO MODEL 165/MATIC BOX MAKER
N-3606-4-3	265 HP	3020-01 E	1	412.00	412.00	A	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)
N-3606-9-4	162 HP	3020-01 D	1	314.00	314.00	A	GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL VARIMAT 127 (7-COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND AN INFRA-RED DRYING SYSTEM
N-3606-11-5	30 HP	3020-01 B	1	117.00	117.00	A	CORRUGATED BOARD FINISHING OPERATION CONSISTING OF AN AUTOMATAN MODEL 7000 SHEETFED GLUER
N-3606-13-3	75 HP	3020-01 C	1	197.00	197.00	A	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)
N-3606-14-3	100 HP	3020-01 D	1	314.00	314.00	A	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)
N-3606-15-3	100 HP	3020-01 D	1	314.00	314.00	A	GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 3-COLOR MARTIN MODEL DRO 1628 FLEXOGRAPHIC PRINTER (S/N 6036) WITH A FOLDER, GLUER, AND PERMIT EXEMPT ROTARY DIE-CUTTER (LOW EMITTING UNIT)
N-3606-16-3	100 HP	3020-01 D	1	314.00	314.00	A	GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A 6-COLOR KBA RAPIDA MODEL 162 SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 361-264) WITH AN INLINE COATER AND UV DRYER
N-3606-19-2	30 hp	3020-01 B	1	117.00	117.00	A	CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE DOMINO MODEL 110M II MATIC BOX MAKER (S/N 0349-063-01)
N-3606-21-2	15 hp	3020-01 A	1	87.00	87.00	A	CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE STAUDE WINDOW MACHINE (S/N WSI-2307)
N-3606-23-2	110 HP	3020-01 D	1	314.00	314.00	A	GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A PLANETA MODEL 105 (8 COLOR) SHEETFED NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS WITH AN INLINE COATER AND UV DRYING SYSTEM
N-3606-24-1	147 HP	3020-01 D	1	314.00	314.00	A	GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA RAPIDA 6-COLOR 47"X64" FORMAT NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 363-742) WITH AN ANILOX TOWER COATER

Detailed Facility Report
For Facility=3606 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-3606-25-0	7.5 hp	3020-01 A	1	87.00	87.00	A	CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE INTERNATIONAL PAPERBOX MODEL 6FX-154 20" WEB WIDTH FOLDER GLUER
N-3606-26-3	148 electric motor HP	3020-01 D	1	314.00	314.00	A	GRAPHIC ARTS PRINTING OPERATION CONSISTING OF A KBA MODEL RAPIDA 162A 64" NON-HEATSET OFFSET LITHOGRAPHIC PRINTING PRESS (S/N 368-24)
N-3606-27-1	20 hp electric motors	3020-01 A	1	87.00	87.00	A	CORRUGATED BOX MANUFACTURING OPERATION CONSISTING OF ONE STANDARD MAX 1100 30" WEB WIDTH FOLDER GLUER

Number of Facilities Reported: 1

ATTACHMENT D

District Rule 4601 Tables of Standards

TABLE OF STANDARDS 1 (Effective through 12/31/10)

Limits are expressed in grams of VOC per liter^a of coating thinned to the manufacturer's maximum recommendation, excluding the volume of any water, exempt compounds, or colorant added to tint bases. Manufacturer's maximum recommendation means the maximum recommendation for thinning that is indicated on the label or lid of the coating container.

COATING CATEGORY	Effective Date: 1/1/2003
Flat Coatings	100
Nonflat Coatings	150
Nonflat - High Gloss Coatings	250
Specialty Coatings	
Antenna Coatings	530
Antifouling Coatings	400
Bituminous Roof Coatings	300
Bituminous Roof Primers	350
Bond Breakers	350
Clear Wood Coatings:	
Clear Brushing Lacquers	680
Lacquers (including lacquer sanding sealers)	550
Sanding Sealers (other than lacquer sanding sealers)	350
Varnishes	350
Concrete Curing Compounds	350
Dry Fog Coatings	400
Faux Finishing Coatings	350
Fire Resistive Coatings	350
Fire-Retardant Coatings:	
Clear	650
Opaque	350
Floor Coatings	250
Flow Coatings	420
Form-Release Compounds	250
Graphic Arts Coatings (Sign Paints)	500
High Temperature Coatings	420
Industrial Maintenance Coatings	250
Low Solids Coatings	120 ^b
Magnesite Cement Coatings	450
Mastic Texture Coatings	300
Metallic Pigmented Coatings	500
Multi-Color Coatings	250

TABLE OF STANDARDS 1, continued (Effective through 12/31/10)

COATING CATEGORY	Effective Date: 1/1/2003
Pre-Treatment Wash Primers	420
Primers, Sealers, and Undercoaters	200
Quick-Dry Enamels	250
Quick-Dry Primers, Sealers and Undercoaters	200
Recycled Coatings	250
Roof Coatings	250
Rust Preventative Coatings	400
Shellacs:	
Clear	730
Opaque	550
Specialty Primers, Sealers, and Undercoaters	350
Stains	250
Swimming Pool Coatings	340
Swimming Pool Repair and Maintenance Coatings	340
Temperature-Indicator Safety Coatings	550
Traffic Marking Coatings	150
Waterproofing Sealers	250
Waterproofing Concrete/Masonry Sealers	400
Wood Preservatives	350

a Conversion factor: one pound VOC per gallon (U.S.) = 119.95 grams VOC per liter.

b Units are grams of VOC per liter of coating, including water and exempt compounds in accordance with Section 3.27.

TABLE OF STANDARDS 2 (Effective on and after 1/1/11)

Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.

COATING CATEGORY	VOC Limit (g/l) Effective 1/1/2011 through 12/31/2011²	VOC Limit (g/l) Effective on and after 1/1/2012²
Flat Coatings	50	50
Nonflat Coatings	100	100
Nonflat - High Gloss Coatings	150	150
Specialty Coatings		
Aluminum Roof Coatings	400	400
Basement Specialty Coatings	400	400
Bituminous Roof Coatings	50	50
Bituminous Roof Primers	350	350
Bond Breakers	350	350
Concrete Curing Compounds	350	350
Concrete/Masonry Sealers	100	100
Driveway Sealers	50	50
Dry Fog Coatings	150	150
Faux Finishing Coatings	350	350
Fire Resistive Coatings	350	350
Floor Coatings	100	100
Form-Release Compounds	250	250
Graphic Arts Coatings (Sign Paints)	500	500
High Temperature Coatings	420	420
Industrial Maintenance Coatings	250	250
Low Solids Coatings ¹	120 ¹	120 ¹
Magnesite Cement Coatings	450	450
Mastic Texture Coatings	100	100
Metallic Pigmented Coatings	500	500
Multi-Color Coatings	250	250
Pre-Treatment Wash Primers	420	420
Primers, Sealers, and Undercoaters	100	100
Reactive Penetrating Sealers	350	350
Recycled Coatings	250	250
Roof Coatings	50	50
Rust Preventative Coatings	400	250

TABLE OF STANDARDS 2 (continued) (Effective on and after 1/1/11)

Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.

COATING CATEGORY	VOC Limit (g/l) Effective 1/1/2011 through 12/31/2011 ²	VOC Limit (g/l) Effective on and after 1/1/2012 ²
Shellacs:		
Clear	730	730
Opaque	550	550
Specialty Primers, Sealers, and Undercoaters	350	100
Stains	250	250
Stone Consolidants	450	450
Swimming Pool Coatings	340	340
Traffic Marking Coatings	100	100
Tub and Tile Refinish Coatings	420	420
Waterproofing Membranes	250	250
Wood Coatings	275	275
Wood Preservatives	350	350
Zinc-Rich Primers	340	340

1 Units are grams of VOC per liter of coating, including water and exempt compounds in accordance with Section 3.77.

2 The dates listed do not preclude voluntary compliance with the applicable limit prior to those dates.

6.0 Administrative Requirements

6.1 **Labeling Requirements:** Each manufacturer of any architectural coating subject to this rule shall display the information listed in Sections 6.1.1 through 6.1.14 on the coating container (or label) in which the coating is sold or distributed.

6.1.1 **Date Code:** The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid or bottom of the container. If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the Executive Officer of the ARB.