DEC 15 2017

Mark Ochinero
Fresno Bee
1626 E Street
Fresno, CA 93786

Re: Notice of Preliminary Decision – Emission Reduction Credits
Facility Number: C-521
Project Number: C-1162737

Dear Mr. Ochinero:

Enclosed for your review and comment is the District’s analysis of Fresno Bee’s application for Emission Reduction Credits (ERCs) resulting from shutdown of newspaper printing operation, at 1626 E Street, Fresno. The quantity of ERCs proposed for banking is 10568 lb-VOC/yr.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. After addressing all comments made during the 30-day public notice comment period, the District intends to issue the ERCs. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Kamaljit Sran of Permit Services at (559) 230-5889.

Sincerely,

[Signature]

Arnaud Marjollet
Director of Permit Services

AM:KS

Enclosures

cc: Tung Le, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via email
Emission Reduction Credit Banking Application Review
Shutdown of a Newspaper Printing Operation

Facility Name: Fresno Bee
Mailing Address: 1626 E Street
Fresno, CA 93786
Processing Engineer: Kamaljit Sran
Lead Engineer: Joven Refuerzo
Date: December 12, 2017

Primary Contact: Mark Ochinero, Regional Human Resources Manager
Phone: (559) 441-6280

Facility Location: 1626 E Street
Fresno, CA 93786

Deemed Complete Date: November 29, 2016
Facility: C-521
Project Number: C-1162737

I. Summary:

Fresno Bee operated a newspaper printing facility in Fresno, CA. On October 31, 2016, the District received ERC banking application from the applicant who surrendered the 18 Permits to Operate, C-521-4-0 through -21-0 and requested Emission Reduction Credits for VOCs. Copies of the surrendered Permits to Operate (PTOs) are attached (Attachment A) and the permits have been cancelled effective September 21, 2016 when they permanently ceased operations at this location.

Based on the historical operating data prior to the shutdown, the amounts of bankable Actual Emission Reductions (AER) for the emissions are as shown in the table below. These values were calculated, according to the provisions of District Rules 2201 and 2301, as detailed in Section V of this document:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>1st Qtr. ERC (lb/qtr)</th>
<th>2nd Qtr. ERC (lb/qtr)</th>
<th>3rd Qtr. ERC (lb/qtr)</th>
<th>4th Qtr. ERC (lb/qtr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOx</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>VOC</td>
<td>2,728</td>
<td>2,572</td>
<td>2,291</td>
<td>2,977</td>
</tr>
<tr>
<td>CO</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PM_{10}</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>SOx</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

II. Applicable Rules:

Rule 2201 New and Modified Stationary Source Review Rule (2/18/16)
Rule 2301 Emission Reduction Credit Banking (1/19/12)
Rule 4607 Graphic Arts and Paper, Film, Foil and Fabric Coating (12/18/08)

III. Location of Reductions:

Physical Location of Equipment: 1626 E Street in Fresno, CA.
IV. Method of Generating Reductions:

The AER's were generated by shutting down a newspaper printing operation. The equipment description for the unit is as follows:

C-521-4-0 thru -21-0: GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO8347 FLEXOMAN-M COLDSET WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNITS #1 - 18

V. Calculations:

A. Assumptions

- Annual emissions will be rounded to the nearest pound in accordance with the District Policy APR-1105.
- Average VOC emissions calculated from Emissions Inventory submittals 2011 to 2015.

<table>
<thead>
<tr>
<th>Year</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emissions Inventory (tons/year)</td>
<td>5.46</td>
<td>4.97</td>
<td>4.96</td>
<td>4.80</td>
<td>4.17</td>
<td>4.87</td>
</tr>
</tbody>
</table>

B. Emission Factors (EF)

Emissions will be determined based on VOC content of each ink and monthly usage. Records of monthly ink usage have been provided by applicant.

C. Baseline Period Determination

In accordance with District Rule 2201, Section 3.8, the baseline period is the two consecutive years of operation immediately prior to the submission of the complete application; or another period of at least two consecutive years within the five years immediately prior to the submission of the complete application, if it is more representative of normal source operations (NSO).

The application to bank the Emission Reduction Credits (ERCs) from the shutdown of the operation was received on October 31, 2016. A representative period from 2011 through 2015 will be used to represent the normal operation within the five-year period immediately prior to submission of the complete application. The difference between the two-year average and NSO was calculated using the following equation:

\[ \text{Difference} = \left( \frac{(\text{Year 1 Rate} + \text{Year 2 Rate})}{2} \right) - 5\text{-year Average Rate} \]

For the 2011 and 2012 period, the difference was calculated as follows:

\[ \text{Difference} = \left( \frac{(5.46 + 4.97)}{2} \right) - 4.87 = 5.22 - 4.87 = 0.35 \text{ tons/year} \]

The calculation was repeated for each of the two-year periods in the last five years and the results are shown on the following table:
<table>
<thead>
<tr>
<th>Year</th>
<th>Emissions Inventory (tons/year)</th>
<th>Difference between two-year average and NSO (tons/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>5.46</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>4.97</td>
<td>0.35</td>
</tr>
<tr>
<td>2013</td>
<td>4.96</td>
<td>0.095</td>
</tr>
<tr>
<td>2014</td>
<td>4.80</td>
<td>0.01</td>
</tr>
<tr>
<td>2015</td>
<td>4.17</td>
<td>-0.42</td>
</tr>
<tr>
<td>5-year Averages</td>
<td>4.87</td>
<td></td>
</tr>
</tbody>
</table>

For the five-years immediately preceding the shutdown, the period most closely matching the normal source operation five-year average is 2013 – 2014.

D. Historical Actual Emissions (HAEs) Calculations

The facility has maintained monthly ink usage by ink type. These monthly ink usage records have reconciled with five year ink invoices from facility’s supplier INX International Ink Co. VOC content and density of each ink has been verified by Safety Data Sheets.

The monthly VOC emissions are calculated from these records as shown below.

\[ \text{HAE VOCs} = \frac{\text{InkUsage (lbs)}}{\text{InkDensity (lbs/gal)}} \times \text{Ink VOC Content (lbs/gal)} \]

<table>
<thead>
<tr>
<th>Ink</th>
<th>VOC lbs/gal</th>
<th>Density lbs/gal</th>
<th>P-1</th>
<th>P-2</th>
<th>P-3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>Gallons</td>
<td>VOC</td>
<td>lbs</td>
<td>Gallons</td>
</tr>
<tr>
<td>Black</td>
<td>0.41</td>
<td>9.09</td>
<td>19350</td>
<td>2128.71</td>
<td>872.77</td>
</tr>
<tr>
<td>Cyan</td>
<td>0.09</td>
<td>8.78</td>
<td>4050</td>
<td>461.28</td>
<td>41.51</td>
</tr>
<tr>
<td>Magenta</td>
<td>0.15</td>
<td>8.79</td>
<td>5265</td>
<td>598.98</td>
<td>89.85</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.06</td>
<td>8.6</td>
<td>5715</td>
<td>664.53</td>
<td>39.87</td>
</tr>
<tr>
<td>Monthly VOC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarterly VOC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Second Quarter 2013

<table>
<thead>
<tr>
<th>Ink</th>
<th>VOC lbs/gal</th>
<th>Density lbs/gal</th>
<th>P-5</th>
<th>P-6</th>
<th>P-6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>Gallons</td>
<td>VOC</td>
<td>lbs</td>
<td>Gallons</td>
</tr>
<tr>
<td>Black</td>
<td>0.41</td>
<td>9.09</td>
<td>17550</td>
<td>1930.69</td>
<td>791.58</td>
</tr>
<tr>
<td>Cyan</td>
<td>0.09</td>
<td>8.78</td>
<td>6750</td>
<td>768.79</td>
<td>69.19</td>
</tr>
<tr>
<td>Magenta</td>
<td>0.15</td>
<td>8.79</td>
<td>5085</td>
<td>578.50</td>
<td>86.77</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.06</td>
<td>8.6</td>
<td>6300</td>
<td>732.56</td>
<td>43.95</td>
</tr>
<tr>
<td>Monthly VOC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarterly VOC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Third Quarter 2013
### Fourth Quarter 2013

<table>
<thead>
<tr>
<th>Ink</th>
<th>VOC lbs/gal</th>
<th>Density lbs/gal</th>
<th>P-10</th>
<th>P-11</th>
<th>P-12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>Gallons</td>
<td>VOC</td>
<td>lbs</td>
<td>Gallons</td>
</tr>
<tr>
<td>Black</td>
<td>0.41</td>
<td>9.09</td>
<td>1710</td>
<td>21540</td>
<td>2369.64</td>
</tr>
<tr>
<td>Cyan</td>
<td>0.09</td>
<td>8.78</td>
<td>4410</td>
<td>502.28</td>
<td>42.51</td>
</tr>
<tr>
<td>Magenta</td>
<td>0.15</td>
<td>8.79</td>
<td>5220</td>
<td>593.86</td>
<td>89.08</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.06</td>
<td>8.6</td>
<td>8190</td>
<td>952.33</td>
<td>57.14</td>
</tr>
<tr>
<td>Monthly VOC</td>
<td>962.71</td>
<td>1179.65</td>
<td>270.66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarterly VOC</td>
<td>2413</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### First Quarter 2014

<table>
<thead>
<tr>
<th>Ink</th>
<th>VOC lbs/gal</th>
<th>Density lbs/gal</th>
<th>P-1</th>
<th>P-2</th>
<th>P-3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>Gallons</td>
<td>VOC</td>
<td>lbs</td>
<td>Gallons</td>
</tr>
<tr>
<td>Black</td>
<td>0.41</td>
<td>9.09</td>
<td>22500</td>
<td>18450</td>
<td>2029.70</td>
</tr>
<tr>
<td>Cyan</td>
<td>0.09</td>
<td>8.78</td>
<td>6210</td>
<td>5490</td>
<td>625.28</td>
</tr>
<tr>
<td>Magenta</td>
<td>0.15</td>
<td>8.79</td>
<td>7740</td>
<td>6480</td>
<td>737.20</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.06</td>
<td>8.6</td>
<td>10080</td>
<td>7740</td>
<td>900.00</td>
</tr>
<tr>
<td>Monthly VOC</td>
<td>1280.92</td>
<td>1053.03</td>
<td>1392.58</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarterly VOC</td>
<td>3727</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Second Quarter 2014

<table>
<thead>
<tr>
<th>Ink</th>
<th>VOC lbs/gal</th>
<th>Density lbs/gal</th>
<th>P-5</th>
<th>P-6</th>
<th>P-8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>Gallons</td>
<td>VOC</td>
<td>lbs</td>
<td>Gallons</td>
</tr>
<tr>
<td>Black</td>
<td>0.41</td>
<td>9.09</td>
<td>20400</td>
<td>18000</td>
<td>1980.20</td>
</tr>
<tr>
<td>Cyan</td>
<td>0.09</td>
<td>8.78</td>
<td>5760</td>
<td>4095</td>
<td>466.40</td>
</tr>
<tr>
<td>Magenta</td>
<td>0.15</td>
<td>8.79</td>
<td>5480</td>
<td>6345</td>
<td>721.64</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.06</td>
<td>8.6</td>
<td>6615</td>
<td>5328</td>
<td>619.53</td>
</tr>
<tr>
<td>Monthly VOC</td>
<td>1118.84</td>
<td>999.31</td>
<td>988.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarterly VOC</td>
<td>3107</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Third Quarter 2014

<table>
<thead>
<tr>
<th>Ink</th>
<th>VOC lbs/gal</th>
<th>Density lbs/gal</th>
<th>P-7</th>
<th>P-8</th>
<th>P-9</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>Gallons</td>
<td>VOC</td>
<td>lbs</td>
<td>Gallons</td>
</tr>
<tr>
<td>Black</td>
<td>0.41</td>
<td>9.09</td>
<td>17550</td>
<td>12770</td>
<td>1404.84</td>
</tr>
<tr>
<td>Cyan</td>
<td>0.09</td>
<td>8.78</td>
<td>5580</td>
<td>4500</td>
<td>512.53</td>
</tr>
<tr>
<td>Magenta</td>
<td>0.15</td>
<td>8.79</td>
<td>7290</td>
<td>4905</td>
<td>558.02</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.06</td>
<td>8.6</td>
<td>6165</td>
<td>5085</td>
<td>591.28</td>
</tr>
<tr>
<td>Monthly VOC</td>
<td>1016.20</td>
<td>741.29</td>
<td>922.46</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarterly VOC</td>
<td>2679</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ink</td>
<td>VOC lbs/gal</td>
<td>Density lbs/gal</td>
<td>P-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------</td>
<td>------</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>lbs</td>
<td>Gallons</td>
<td>VOCS</td>
</tr>
<tr>
<td>Black</td>
<td>0.41</td>
<td>9.09</td>
<td>18900</td>
<td>2079.21</td>
<td>852.48</td>
</tr>
<tr>
<td>Cyan</td>
<td>0.09</td>
<td>8.78</td>
<td>6120</td>
<td>697.04</td>
<td>62.73</td>
</tr>
<tr>
<td>Magenta</td>
<td>0.15</td>
<td>8.79</td>
<td>6885</td>
<td>783.28</td>
<td>117.49</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.06</td>
<td>8.6</td>
<td>6570</td>
<td>763.95</td>
<td>45.84</td>
</tr>
<tr>
<td>Monthly VOC</td>
<td></td>
<td></td>
<td>1078.54</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarterly VOC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUMMARY EMISSIONS (Pounds): VOCs:**

<table>
<thead>
<tr>
<th></th>
<th>VOCs</th>
<th>2013</th>
<th>2014</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Quarter:</td>
<td>2,954</td>
<td>3,107</td>
<td>3,031</td>
<td></td>
</tr>
<tr>
<td>2nd Quarter:</td>
<td>2,897</td>
<td>2,819</td>
<td>2,858</td>
<td></td>
</tr>
<tr>
<td>3rd Quarter:</td>
<td>2,413</td>
<td>2,679</td>
<td>2,546</td>
<td></td>
</tr>
<tr>
<td>4th Quarter:</td>
<td>3,727</td>
<td>2,889</td>
<td>3,308</td>
<td></td>
</tr>
<tr>
<td>Annual Total:</td>
<td>11,991</td>
<td>11,494</td>
<td>11,743</td>
<td></td>
</tr>
</tbody>
</table>

**E. Adjustment to Historical Actual Emissions (HAE):**

**Emissions Adjusted for Rule 4607 - Graphic Arts And Paper, Film, Foil And Fabric Coating:**

District Rule 4607 limits VOC emissions from graphic arts operations and paper and fabric coating operations associated with graphic arts operations. This rule sets VOC content limits for inks, coatings, and other related VOC containing materials for printing and coating operations related to graphic arts. The newspaper printing operation was in compliance with this rule at the time of the ERC application submittal by having ink VOC content less than Rule limit for Flexographic Ink on Porous Substrates of 1.88 lb/gal. This has been verified by Safety Data Sheets of the inks used in newspaper printing operation. Therefore, no adjustments are needed for Rule 4607.

**F. Post Project Potential to Emit (PE2)**

As discussed above, the subject equipment has been permanently shut down and the PTOs were surrendered to the District. Therefore the PE2 = 0 for all emissions.

**G. Air Quality Improvement Deduction**

The air quality improvement deduction (AQID), per Rule 2201, Section 3.6, is 10% of the AER, before the AER is eligible for banking. The AQID were calculated according to the following formula: **AQID = AER x 10%**

<table>
<thead>
<tr>
<th></th>
<th>VOCs</th>
<th>AER</th>
<th>AQID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Quarter:</td>
<td>3,031</td>
<td>303</td>
<td></td>
</tr>
<tr>
<td>2nd Quarter:</td>
<td>2,858</td>
<td>286</td>
<td></td>
</tr>
<tr>
<td>3rd Quarter:</td>
<td>2,546</td>
<td>255</td>
<td></td>
</tr>
<tr>
<td>4th Quarter:</td>
<td>3,308</td>
<td>331</td>
<td></td>
</tr>
<tr>
<td>Annual Total:</td>
<td>11,743</td>
<td>1,175</td>
<td></td>
</tr>
</tbody>
</table>
H. Emission Reductions Eligible for Banking

The emission reductions eligible for banking are the difference between the historical actual emissions and the potential to emit after the project. Since the post-project emissions = 0 for all pollutants, the emission reductions eligible for banking equals the HAE, minus the AQID.

Bankable AER = AER – AQID

<table>
<thead>
<tr>
<th>VOCs</th>
<th>AER</th>
<th>AQID</th>
<th>Bankable AER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Quarter:</td>
<td>3,031</td>
<td>303</td>
<td>2,728</td>
</tr>
<tr>
<td>2nd Quarter:</td>
<td>2,858</td>
<td>286</td>
<td>2,572</td>
</tr>
<tr>
<td>3rd Quarter:</td>
<td>2,546</td>
<td>255</td>
<td>2,291</td>
</tr>
<tr>
<td>4th Quarter:</td>
<td>3,308</td>
<td>331</td>
<td>2,977</td>
</tr>
<tr>
<td>Annual Total:</td>
<td>11,743</td>
<td>1,175</td>
<td>10,568</td>
</tr>
</tbody>
</table>

VI. Compliance:

Rule 2301 - Emission Reduction Credit Banking

Section 4.0 - Eligibility of Emission Reductions

Section 4.2, specifies the criteria by which emission reductions, that have occurred after September 19, 1991, are eligible for banking. The emission reductions in this project occurred when the PTOs for the newspaper printing equipment was surrendered, effective September 21, 2016. As these emission reductions occurred after September 19, 1991, the criteria in Section 4.2 must been satisfied.

Section 4.2.1 requires that the emission reductions are real, surplus, quantifiable, and enforceable.

Real:

The emission reductions were generated by the shutdown of a newspaper printing operation. The real emissions were calculated from actual historic production throughput ink use data. The printing equipment has been removed from service and the permit was subsequently surrendered to the District. Therefore, the emission reductions are real.

Surplus:

There are no laws, rules, regulations, agreements, orders, or permits requiring any of the emission reductions which generated the ERC:

- Shutdown of the printing operation was voluntary and not required by any law, rule, agreement, or regulation.
- These ERCs are not needed for their current or proposed operations.
• The emission factors are not subject to additional adjustments and therefore surplus to the requirements of the District's Ozone Plans and District Rule 4607.

Therefore, the emission reductions satisfy the surplus requirement.

**Permanent:**

The newspaper printing operation has been shut down, and the PTO has been surrendered. Further operation requires an application to the District for a new operating permit.

Fresno Bee is owned by the McClatchy Company who also owns Merced Sun-Star and Modesto Bee within the San Joaquin Valley Air Pollution Control District. Printing of Fresno Bee at 1626 E street was ceased on July 30, 2016 and Permit to Operate was surrendered on September 21, 2016. Fresno Bee in now being printed in Sacramento Bee printing operation along with Merced Sun-Star and Modesto Bee. It is expected as such, that there will be no shifting of the past emissions to a similar facility in the San Joaquin Valley.

Therefore, the emission reductions satisfy the permanent requirement.

**Quantifiable:**

Actual Emission Reductions (AER) amounts were calculated from historic ink use data and methods according to District Rule 2201. Therefore, the reductions are quantifiable.

Therefore, the emission reductions satisfy the quantifiable requirement.

**Enforceable:**

The PTO for this facility has been surrendered and the printing presses cannot be operated without a valid PTO. Due to universal decline in printing media industry, it would be readily apparent if it were to be operated in the future.

Therefore, the emission reductions satisfy the enforceable requirement.

Section 4.2.2 requires that AER be calculated in accordance with the procedure in Rule 2201 (New and Modified Stationary Source Review Rule), including any adjustments for use of Community Bank offsets. As detailed in Section V Calculations, the AER were calculated according to the procedure in Rule 2201 and the past permitting of the facility did not include Community Bank ERC.

Therefore, the emission reductions satisfy the requirements of this section.

Section 4.2.3 requires that an application be filed no later than 180 days after the reduction occurred. The ERC banking application was filed on October 31, 2016. According to District Policy APR 1805, the date of the shutdown is considered to be the date on which the PTO is surrendered, unless the equipment was removed or the District determines the owner did
not intend to operate again. Since the District has no evidence that either of these were the case, the printing presses are considered to be operational at time of permit surrender. The application was filed concurrently with the newspaper printing closure and is therefore considered timely.

Based on applicant information, the facility was last operated on July 30, 2016, so even if the last date of operation was considered to be the closure date, the application would still have been filed within 180 days.

Therefore, the emission reductions satisfy the timely submittal requirement of this section.

Section 4.2.4 applies to emissions from non-permitted units. The newspaper printing operation was permitted so this section is not applicable.

Section 4.3 applies to banking offsets which were provided for cancelled Authorities to Construct. These emissions were not previously banked so this section is not applicable.

Section 4.4 refers to source categories which are not eligible for ERC. The categories do not include newspaper printing shut downs, so this section is not applicable.

Section 4.5 details criteria for determining eligibility of Green House Gas (GHG) emissions for banking. There was no GHG emissions from newspaper printing operation so this section is not applicable.

**Section 5.0 - ERC Application Procedures**

Section 5.5 of Rule 2301 states that ERC certificate applications for reductions shall be submitted within 180 days after the emission reduction occurs. The ERC application was received on October 31, 2016. The applicant surrendered the PTOs and therefore permanently ceased operations at this location effective September 21, 2016. Therefore, the application was submitted in a timely fashion.

**Section 6.0 - Registration of ERC Certificates**

The APCO may only grant an ERC Certificate after the emission reductions have actually occurred upon satisfaction of the following applicable provisions:

This emission reduction is surplus and additional of all requirements pursuant to Section 4.5.3.4. Therefore the ERC certificate shall include the following notation:

"This emission reduction is surplus and additional to all applicable regulatory requirements."

Compliance with Rule 2301 has been demonstrated and no adjustments are required under this rule.
VII. Recommendation:

Pending a successful Public Noticing period, issue Emission Reduction Credit certificates to Fresno Bee in accordance with the amounts specified on the draft ERC certificates in Attachment D.

Attachments:

Attachment A: Surrendered PTOs C-521-4-0 thru -21-0
Attachment B: ERC Application
Attachment C: Facility Emissions Inventory Submittals
Attachment D: Draft ERC Certificate
Attachment A

Surrendered PTO C-521-4-0 thru -21-0
Attachment B

ERC Application
Attachment C

Facility Emissions Inventory Submittals
Attachment D

Draft ERC Certificate
Attachment A

Surrendered PTO C-521-4-0 thru -21-0
PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer’s recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

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

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. 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]
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]
5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]
6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]
7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer’s published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]
8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]
9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]
10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]
11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer’s recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

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

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dcft in concentration. [District Rule 4201]
3. 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]
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]
5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]
6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]
7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]
8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]
9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]
10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]
11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container, or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

These terms and conditions are part of the Facility-wide Permit to Operate.
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-521-8-0
EXPIRATION DATE: 02/29/2020

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXOMAN-M COLDSET
WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #5

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. 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]
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]
5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]
6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]
7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer’s published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]
8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]
9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]
10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]
11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer’s recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-521-10-0
EXPIRATION DATE: 02/29/2020

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXOMAN-M COLDSET
WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #7

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

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

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-521-12-0
EXPIRATION DATE: 02/29/2020

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXOMAN-M COLDSET
WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #9

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer’s published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscfm in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. 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]
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]
5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]
6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]
7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]
8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]
9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]
10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]
11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning, or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

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

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-521-16-0

EXPIRATION DATE: 02/29/2020

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXOMAN-M COLDSET
WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #13

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
PERMIT UNIT: C-521-17-0

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXOMAN-M COLDSET
WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #14

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dcfe in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

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

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer’s published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-521-19-0

EXPIRATION DATE: 02/29/2020

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXOMAN-M COLDSET
WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #16

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. 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]
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]
5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]
6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]
7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]
8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]
9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]
10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]
11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

These terms and conditions are part of the Facility-wide Permit to Operate.
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-521-20-0

EXPIRATION DATE: 02/29/2020

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXMAN-M COLDSET WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #17

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 535 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer’s recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]
SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT

PERMIT UNIT: C-521-21-0

EXPIRATION DATE: 02/29/2020

EQUIPMENT DESCRIPTION:
GRAPHIC ARTS PRINTING OPERATION WITH A MAN-ROLAND MODEL SO499 SO9347 FLEXOMAN-M COLDSET WEB-FED FLEXOGRAPHIC PRINTING PRESS, UNIT #18

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

3. 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]

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]

5. Solvents to perform surface preparation or cleanup shall not exceed the VOC content and composite vapor pressure limits of Rule 4607 (Graphic Arts). [District Rule 4607]

6. No owner or operator shall use organic solvents for cleaning operations that exceed the VOC content limit specified in Rule 4607. [District Rule 4607]

7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4607]

8. For flexographic printing operations, VOC content of graphic arts materials shall not exceed any of the following limits: ink: 300 g/l (2.5 lb/gal), coating: 300 g/l (2.5 lb/gal), adhesive: 150 g/l (1.25 lb/gal), metallic ink: 460 g/l (3.8 lb/gal), matte finish ink: 555 g/l (4.5 lb/gal), web splicing adhesive: 150 g/l (1.25 lb/gal). [District Rule 4607]

9. For flexographic printing operations, use of specialty inks, as defined in Rule 4607, shall not exceed two gallons in a calendar day and 120 gallons in a calendar year. [District Rule 4607]

10. The VOC content of organic solvents used to perform surface preparation or cleanup shall not exceed the VOC content limits specified in Rule 4607. [District Rule 4607]

11. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, cleaning activities shall be by one of the following methods: (1) wipe cleaning; or (2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; or (3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or (4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4607]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.
12. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, solvent shall not be atomized into the open air unless it is vented to a VOC control device. This provision shall not apply to operations where roller or blanket wash is applied automatically and the cleaning of the nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with nonpropellant-induced, hand-held spray bottles or containers which solvents are dispensed without a propellant-induced force. [District Rule 4607]

13. For a permittee using any solvent containing more than 25 g/L of VOC for organic solvent cleaning, the permittee shall not use VOC-containing material to clean spray equipment used for the application of coatings, adhesives, or ink, unless an enclosed system or equipment that is proven to be equally effective at controlling emissions is used for cleaning. If an enclosed system is used, it must totally enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, draining procedures, and it must be used according to manufacturer's recommendations and must be closed when not in use. [District Rule 4607]

14. 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]

15. 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]

16. Permittee shall record on a monthly basis, the type and amount of each ink, coating, adhesive, fountain solution, wash primer, and solvent used. [District Rule 4607]

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]

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

ERC Application
San Joaquin Valley Air Pollution Control District
Application for

[ X] EMISSION REDUCTION CREDIT (ERC)  [ ] CONSOLIDATION OF ERC CERTIFICATE

1. ERC TO BE ISSUED TO: Fresno Bee
   Facility ID: C-521
   (if known)

2. MAILING ADDRESS: Street/P.O. Box: 1626 E Street
   City: Fresno
   State: CA
   Zip Code: 93726

3. LOCATION OF REDUCTION:
   Street: 1626 E Street
   City: Fresno
   4. DATE OF REDUCTION:
   July 30, 2016

5. PERMIT NO(S): C-521-4-0 through C-521-21-0

6. METHOD RESULTING IN EMISSION REDUCTION:
   [ X] SHUTDOWN  [ ] RETROFIT  [ ] PROCESS CHANGE  [ ] OTHER

DESCRIPTION: Discontinued operating the 18 newspaper printing presses.

7. REQUESTED ERCs: (In pounds per calendar quarter except CO₂e)

<table>
<thead>
<tr>
<th>Quarter</th>
<th>VOC</th>
<th>NOₓ</th>
<th>CO</th>
<th>PM₁₀</th>
<th>SOₓ</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Qtr</td>
<td>2398.09</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2nd Qtr</td>
<td>2733.55</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd Qtr</td>
<td>2702.44</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4th Qtr</td>
<td>2393.75</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO₂e</td>
<td>metric ton/yr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. SIGNATURE OF APPLICANT:

[Signature]

9. TYPE OR PRINT NAME OF APPLICANT:
   Tom Cullinan

   TYPE OR PRINT TITLE OF APPLICANT:
   Publisher/President

   DATE: 10/20/2016
   PHONE #: 559-441-6060
   CELL PHONE #: 559-441-6050
   FAX #: 559-441-6050
   E-MAIL: tcullinan@fresnobee.com

FOR APCD USE ONLY:

DATE STAMP: NOV 01 2016
FILING FEE: $832.00
RECEIVED: 10/28/16
DATE PAID: 10/28/16
PROJECT NO: C-1162737
FACILITY ID: C-521
Attachment C

Facility Emissions Inventory Submittals
# Facility Emissions Summary

**Inventory Year:** 2011  
**County:** 10  
**Facility ID:** 521  
**Facility Name:** FRESNO BEE

## Device: 4  
**Device Name:** 18 Print Presses

### Process: 1  
**Process Description:** 18 FLEXOGRAPHIC PRINTING PRESSES - ICAFS

**Process Rate:** 51055.  
**Units:** GALLONS INK

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>2.14E-01</td>
<td>546E+00</td>
<td>621E-04</td>
<td>Facility</td>
</tr>
</tbody>
</table>

### Process: 2  
**Process Description:** Solvents

**Process Rate:** 2.75  
**Units:** TONS SOLVENT CONSUMED

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>4.40E-01</td>
<td>605E-04</td>
<td>660E-08</td>
<td>Facility</td>
</tr>
</tbody>
</table>

## Device: 26  
**Device Name:** 335 HP DIESEL-FIRED EMERGENCY IC ENGINE

### Process: 1  
**Process Description:** 335 HP Diesel IC Engine - Maint/Testing

**Process Rate:** 2.00E-02  
**Units:** 1000 GALLONS BURNED

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>42101</td>
<td>Carbon Monoxide</td>
<td>4.57E+01</td>
<td>457E-04</td>
<td>406E-04</td>
<td>District - EE960267 (1.1 g/hp-hr)</td>
</tr>
</tbody>
</table>

---

**Note:** Toxic emissions are reported in pounds, criteria emissions in tons, and greenhouse gas emissions in metric tons.

**Wednesday, March 07, 2012**
# Facility Emissions Summary

**Inventory Year:** 2012  
**County:** 10  
**Facility ID:** 521  
**Facility Name:** FRESNO BEE

<table>
<thead>
<tr>
<th>Device: 4</th>
<th>Device Name: 18 Print Presses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Process:</strong> 1</td>
<td><strong>Process Description:</strong> 18 FLEXOGRAPHIC PRINTING PRESSES - ICAFS</td>
</tr>
<tr>
<td><strong>Process Rate:</strong> 46450.</td>
<td><strong>Units:</strong> GALLONS INK</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
<th>1/2 App Deg</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>2.14E-01</td>
<td>4.97E+00</td>
<td>5.67E-04</td>
<td>Facility</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Process: 2</th>
<th>Process Description: Solvents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Process Rate:</strong> 2.75</td>
<td><strong>Units:</strong> TONS SOLVENT CONSUMED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
<th>1/2 App Deg</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>4.40E-01</td>
<td>6.05E-04</td>
<td>6.60E-08</td>
<td>Facility</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Device: 26</th>
<th>Device Name: 335 HP DIESEL-FIRED EMERGENCY IC ENGINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Process:</strong> 1</td>
<td><strong>Process Description:</strong> 335 bhp Diesel IC Engine - Maint/Testing</td>
</tr>
<tr>
<td><strong>Process Rate:</strong> 2.00E-02</td>
<td><strong>Units:</strong> 1000 GALLONS BURNED</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
<th>1/2 App Deg</th>
</tr>
</thead>
<tbody>
<tr>
<td>42101</td>
<td>Carbon Monoxide</td>
<td>4.57E+01</td>
<td>4.57E-04</td>
<td>4.06E-04</td>
<td>District - EE960267 (1.1 g/hp-hr)</td>
<td></td>
</tr>
</tbody>
</table>

---

Note: Toxic emissions are reported in pounds, criteria emissions in tons, and greenhouse gas emissions in metric tons.

**Thursday, March 21, 2013**
## Facility Emissions Summary

**Inventory Year:** 2013  **County:** 10  **Facility ID:** 521  
**Facility Name:** FRESNO BEE

### Device: 4  Device Name: 18 Print Presses

**Process: 1**  **Process Description:** 18 FLEXOGRAPHIC PRINTING PRESSES - ICAFS  
**Process Rate:** 46358.  **Units:** GALLONS INK

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>2.14E-01</td>
<td>4.96E+00</td>
<td>5.66E-04</td>
<td>Facility</td>
</tr>
</tbody>
</table>

### Process: 2  Process Description: Solvents  
**Process Rate:** 2.75  **Units:** TONS SOLVENT CONSUMED

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>4.40E-01</td>
<td>6.05E-04</td>
<td>6.60E-08</td>
<td>Facility</td>
</tr>
</tbody>
</table>

### Device: 26  Device Name: 335 HP DIESEL-FIRED EMERGENCY IC ENGINE

**Process: 1**  **Process Description:** 335 bhp Diesel-Fired Emergency IC Engine - Testing  
**Process Rate:** 2.00E-02  **Units:** 1000 GALLONS BURNED

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>42101</td>
<td>Carbon Monoxide</td>
<td>4.57E+01</td>
<td>4.57E-04</td>
<td>4.06E-04</td>
<td>District - EE960267 (1.1 g/hp-hr)</td>
</tr>
</tbody>
</table>

---

**Note:** Toxic emissions are reported in pounds, criteria emissions in tons, and greenhouse gas emissions in metric tons.

**Thursday, February 13, 2014**
Facility Emissions Summary

Inventory Year: 2014  County: 10  Facility ID: 521
Facility Name: FRESNO BEE

Device: 4  Device Name: 18 Print Presses

Process: 1  Process Description: 18 Flexographic Printing Pressed- ICAFS
Process Rate: 44831.  Units: GALLONS INK

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>2.14E-01</td>
<td>4.80E+00</td>
<td>5.66E-04</td>
<td>Facility</td>
</tr>
</tbody>
</table>

Process: 2  Process Description: Solvents
Process Rate: 2.75  Units: TONS SOLVENT CONSUMED

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>16113</td>
<td>Reactive Organic Gas</td>
<td>4.40E-01</td>
<td>6.05E-04</td>
<td>6.56E-08</td>
<td>Facility</td>
</tr>
</tbody>
</table>

Device: 26  Device Name: 335 HP DIESEL-FIRED EMERGENCY IC ENGINE

Process: 1  Process Description: 335 bhp Diesel IC Engine - Testing
Process Rate: 1.20E-02  Units: 1000 GALLONS BURNED

<table>
<thead>
<tr>
<th>CAS</th>
<th>Pollutant</th>
<th>Emission Factor</th>
<th>Yearly Emissions</th>
<th>Hourly Emissions</th>
<th>Memo</th>
</tr>
</thead>
<tbody>
<tr>
<td>42101</td>
<td>Carbon Monoxide</td>
<td>4.57E+01</td>
<td>2.74E-04</td>
<td>4.06E-04</td>
<td>District - EE960267 (1.1 g/hp-hr)</td>
</tr>
</tbody>
</table>

Note: Toxic emissions are reported in pounds, criteria emissions in tons, and greenhouse gas emissions in metric tons.

Wednesday, February 25, 2015
# Emission Statement - Calendar Year 2015 Emissions

**Date / Time Printed:** 02/17/2016 / 1:18:21 PM  
**Facility ID #:** C - 521  
**TAD #:** 10 - 521  
**SIC #:** 2711  
**Facility Name:** FRESNO BEE  
**TOXID #:** 41159  
**Planning Inventory:** 3170  
**Update Summary:**

---

## CHECK BOX IF PROCESS RATES ARE CONFIDENTIAL:

<table>
<thead>
<tr>
<th>Device ID #</th>
<th>Process Number</th>
<th>Equipment Type</th>
<th>Yearly Process Rate</th>
<th>Units Source Classification Code</th>
<th>NOX Lb / Unit</th>
<th>VOC Lb / Unit</th>
<th>SOX Lb / Unit</th>
<th>CO Lb / Unit</th>
<th>PM10 Lb / Unit</th>
<th>NH3 Lb / Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>18 FLEXOGRAPHIC PRINTING PRESSED-ICAFS</td>
<td>38988</td>
<td>GALLONS INK</td>
<td>.0</td>
<td>.21</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>40500312</td>
<td>.0</td>
<td><strong>4.17</strong></td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>SOLVENTS</td>
<td>2.75</td>
<td>TONS SOLVENT CONSUMED</td>
<td>.0</td>
<td>.44</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>40500314</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
<td>.0</td>
</tr>
<tr>
<td>26</td>
<td>1</td>
<td>335 BHP EMERGENCY ICE - TESTING - DIESEL COMBUSTION</td>
<td>0.014</td>
<td>1000 GALLONS BURNED</td>
<td>324.3</td>
<td>7.07</td>
<td>.21</td>
<td>45.73</td>
<td>7.44</td>
<td>.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>2</td>
<td>335 BHP EMERGENCY ICE - EMERGENCY USE - DIESEL COMBUSTION</td>
<td>0</td>
<td>1000 GALLONS BURNED</td>
<td>324.3</td>
<td>7.07</td>
<td>.21</td>
<td>45.73</td>
<td>7.44</td>
<td>.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>1</td>
<td>225 BHP EMERGENCY ICE - TESTING - DIESEL COMBUSTION</td>
<td>0.014</td>
<td>1000 GALLONS BURNED</td>
<td>469.0</td>
<td>32.1</td>
<td>.21</td>
<td>102.0</td>
<td>33.5</td>
<td>.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>2</td>
<td>335 BHP EMERGENCY ICE - EMERGENCY USE - DIESEL COMBUSTION</td>
<td>0</td>
<td>1000 GALLONS BURNED</td>
<td>469.0</td>
<td>32.1</td>
<td>.21</td>
<td>102.0</td>
<td>33.5</td>
<td>.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Totals For the Facility (Tons / Year)

<table>
<thead>
<tr>
<th>NOX Lb / Unit</th>
<th>VOC Lb / Unit</th>
<th>SOX Lb / Unit</th>
<th>CO Lb / Unit</th>
<th>PM10 Lb / Unit</th>
<th>NH3 Lb / Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>.01</td>
<td>4.17</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

---

**Contact:**

- **Mark Ochinero**
- **FRESNO BEE**
- **1626 E ST**
- **FRESNO, CA 93786-0001**
- **Telephone:** (559) 441 - 6280
- **Email:** mochinero@fresnobee.com

**Name and Title of Responsible Official:**

I certify that the information contained in the Emission Statement is accurate to the best of my knowledge.

---

**Signature of Responsible Official and Date:**

---
Attachment D

Draft ERC Certificate
San Joaquin Valley
Air Pollution Control District

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726

Emission Reduction Credit Certificate
C1162737-86-1

ISSUED TO: FRESNO BEE
ISSUED DATE: <DRAFT>
LOCATION OF REDUCTION: 1626 E ST FRESNO, CA 93786

For VOC Reductions In The Amount Of:

<table>
<thead>
<tr>
<th>Quarter 1</th>
<th>Quarter 2</th>
<th>Quarter 3</th>
<th>Quarter 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,728 lbs</td>
<td>2,572 lbs</td>
<td>2,291 lbs</td>
<td>2,977 lbs</td>
</tr>
</tbody>
</table>

Method Of Reduction
[X] Shutdown of Entire Stationary Source
[ ] Shutdown of Emissions Units
[ ] Other

Shutdown of Newspaper Printing Operation

Use of these credits outside the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) is not allowed without express written authorization by the SJVUAPCD.

Seyed Sadedin, Executive Director, APCD

Arnaud Marjollet, Director of Permit Services