**San Joaquin Valley Unified Air Pollution Control District**  
**Supplemental Application Form**

**GRAPHIC ARTS PRINTING OPERATIONS**

*This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form.*

<table>
<thead>
<tr>
<th>PERMIT TO BE ISSUED TO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:</td>
</tr>
</tbody>
</table>

**PROCESS DESCRIPTION**

<table>
<thead>
<tr>
<th>Printing/Coating Process</th>
<th>Flexography</th>
<th>Offset Lithography</th>
<th>Letterpress</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Publication Gravure</td>
<td>Packaging Gravure</td>
<td>Specialty Gravure</td>
</tr>
<tr>
<td></td>
<td>Screen Printing</td>
<td>Varnishing</td>
<td>Other:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Items Printed</th>
<th>Paper</th>
<th>Fabric</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Plastic</td>
<td>Wood</td>
<td>Other:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Media Feed</th>
<th>Sheet-fed</th>
<th>Web-fed</th>
<th>Other:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Drying Method</th>
<th>Heatset</th>
<th>Non-heatset</th>
<th>UV Cured</th>
</tr>
</thead>
</table>

**EQUIPMENT DESCRIPTION**

<table>
<thead>
<tr>
<th>Application Method</th>
<th>Flow Coater</th>
<th>Roll Coater</th>
<th>Dip Coater</th>
<th>Foam Coater</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hand Application</td>
<td>HVLP</td>
<td>Other:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Applicator Data</th>
<th>Manufacturer:</th>
<th>Model:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Printing Press Data</th>
<th>Manufacturer:</th>
<th>Model:</th>
<th>Serial #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printing Speed:</td>
<td>Motor HP Rating:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oven/Dryer Data (if non-heatset, leave blank)</th>
<th>Manufacturer:</th>
<th>Model:</th>
<th>Serial #:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>Natural Gas</th>
<th>Electric</th>
<th>Other:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exhaust Data</th>
<th>Flow: acfm</th>
<th>Temp: °F</th>
<th>O2, dry: %</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cleaning Equip. Data</th>
<th>Enclosed System (Yes/No): ________ (if no, leave the line below blank)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer:</td>
<td>Model:</td>
</tr>
</tbody>
</table>

**CONTROL EQUIPMENT DESCRIPTION**

<table>
<thead>
<tr>
<th>Type of Control</th>
<th>Thermal Incineration</th>
<th>Catalytic Incineration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solvent Recovery/Condensation</td>
<td>Low VOC Ink/Fountain Solution</td>
</tr>
<tr>
<td></td>
<td>Carbon Adsorption</td>
<td>Other:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Equipment Data (if no control, leave blank)</th>
<th>Manufacturer:</th>
<th>Model:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial #:</td>
<td>Rating:</td>
<td></td>
</tr>
</tbody>
</table>

*If necessary, attach additional sheets for process/control equipment specifications.*

Please Continue on Reverse Side  
SA-6 2/98
### INK/COATING/SOLVENT INFORMATION

<table>
<thead>
<tr>
<th>GRAPHIC ARTS MATERIALS</th>
<th>MANUFACTURER</th>
<th>TRADE NAME / I.D. #</th>
<th>MIX RATIO</th>
<th>VOC CONTENT OF EACH COMPONENT (lb/gal)</th>
<th>VOC CONTENT AS APPLIED (lb/gal)</th>
<th>MAX USAGE IN ANY ONE DAY (gal)</th>
<th>MAX USAGE PER YEAR (gal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Ink/Coating/Adhesive</td>
<td>Reducing Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Ink/Coating/Adhesive</td>
<td>Reducing Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Ink/Coating/Adhesive</td>
<td>Reducing Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Ink/Coating/Adhesive</td>
<td>Reducing Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Ink/Coating/Adhesive</td>
<td>Reducing Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fountain Solution</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wash Primer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment Cleanup Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface Preparation Solvent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

1. Total Worst-case VOC Emission From Operation: _________ pounds per day
2. Operating Schedule: _________ hours per day _________ days per week _________ weeks per year.
3. Nearest Receptor:
   - Distance to nearest Residence\(^1\) _________ feet
   - Distance to nearest Business\(^2\) _________ feet

4. Stack Parameters (if applicable):
   - Height _________ feet
   - Inside Diameter _________ inches
   - Is a rain cap present on exhaust stack? [ ] Yes [ ] No
   - Direction of exhaust from device or structure: [ ] Vertical [ ] Horizontal
5. Facility Location:
   - [ ] Urban (area of dense population)
   - [ ] Rural (area of sparse population)
6. If more than 5 types of inks/coatings/adhesives are used, make additional copies of the INK/COATING/SOLVENT INFORMATION table above. For multiple colors of the same type of coating, provide coating information on the color with the highest VOC content. Material Safety Data Sheets will be requested by the District if necessary.
7. Submit all Material Safety Data Sheets (MSDS) along with this form.
8. Attach equipment location drawing or plot plan, process flow diagrams, and identified emission points. Indicate collection & control efficiencies, and controlled emissions of any control equipment used.