

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.

PERMIT TO BE ISSUED TO:
LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:

PROCESS DESCRIPTION

Printing/Coating Process	<input type="checkbox"/> Flexography	<input type="checkbox"/> Offset Lithography	<input type="checkbox"/> Letterpress
	<input type="checkbox"/> Publication Gravure	<input type="checkbox"/> Packaging Gravure	<input type="checkbox"/> Specialty Gravure
	<input type="checkbox"/> Screen Printing	<input type="checkbox"/> Varnishing	<input type="checkbox"/> Other:
Items Printed	<input type="checkbox"/> Paper	<input type="checkbox"/> Fabric	<input type="checkbox"/> Metal
	<input type="checkbox"/> Plastic	<input type="checkbox"/> Wood	<input type="checkbox"/> Other:
Media Feed	<input type="checkbox"/> Sheet-fed	<input type="checkbox"/> Web-fed	<input type="checkbox"/> Other:
Drying Method	<input type="checkbox"/> Heatset	<input type="checkbox"/> Non-heatset	<input type="checkbox"/> UV Cured

EQUIPMENT DESCRIPTION

Application Method	<input type="checkbox"/> Flow Coater	<input type="checkbox"/> Roll Coater	<input type="checkbox"/> Dip Coater	<input type="checkbox"/> Foam Coater
	<input type="checkbox"/> Die Coater	<input type="checkbox"/> Hand Application	<input type="checkbox"/> HVLP	<input type="checkbox"/> Other:
Applicator Data	Manufacturer:		Model:	
Printing Press Data	Manufacturer:		Model:	Serial #:
	Printing Speed:		Motor HP Rating:	
Oven/Dryer Data <i>(if non-heatset, leave blank)</i>	Manufacturer:		Model:	Serial #:
	Fuel Type	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Electric	<input type="checkbox"/> Other:
	Rating:			
Exhaust Data	Fan Motor HP Rating:	Flow: cfm	Temp: °F	O ₂ , dry: %
Cleaning Equip. Data	Enclosed System (Yes/No): _____ <i>(if no, leave the line below blank)</i>			
	Manufacturer:		Model:	

CONTROL EQUIPMENT DESCRIPTION

Type of Control	<input type="checkbox"/> Thermal Incineration	<input type="checkbox"/> Catalytic Incineration	
	<input type="checkbox"/> Solvent Recovery/Condensation	<input type="checkbox"/> Low VOC Ink/Fountain Solution	
	<input type="checkbox"/> Carbon Adsorption	<input type="checkbox"/> Other:	
Equipment Data <i>(if no control, leave blank)</i>	Manufacturer:		Model:
	Serial #:		Rating:

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

Please Continue on Reverse Side

SA-6 2/98

INK/COATING/SOLVENT INFORMATION

GRAPHIC ARTS MATERIALS <i>Indicate Type of graphic arts materials, such as: Ink, Coating, Adhesive, Varnish, Fountain Solution, Wash Primer, etc.</i>	MANUFACTURER	TRADE NAME / I.D. #	MIX RATIO	VOC CONTENT OF EACH COMPONENT (lb/gal)	VOC CONTENT AS APPLIED (lb/gal)	MAX USAGE IN ANY ONE DAY (gal)	MAX USAGE PER YEAR (gal)
1. Ink/Coating/Adhesive							
Reducing Solvent							
2. Ink/Coating/Adhesive							
Reducing Solvent							
3. Ink/Coating/Adhesive							
Reducing Solvent							
4. Ink/Coating/Adhesive							
Reducing Solvent							
5. Ink/Coating/Adhesive							
Reducing Solvent							
Fountain Solution							
Wash Primer							
Equipment Cleanup Solvent							
Surface Preparation Solvent							

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 Residence¹ _____ feet ¹ Examples of Residences includes apartments, houses, dormitories, etc.
 Distance to nearest Business² _____ feet ² Examples of Businesses includes office buildings, guard posts, factories, etc.
4. Stack Parameters (if applicable): Height _____ feet Inside Diameter _____ inches
 Is a rain cap present on exhaust stack? Yes No Direction of exhaust flow: 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.
7. Submit all Material Safety Data Sheets (MSDS) for each ink, coating, adhesive, and solvent used 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.