



**RULE 74.19, GRAPHIC ARTS:  
IMPORTANT NOTICE FOR GRAPHIC ARTS OPERATIONS**

**NEW REACTIVE ORGANIC COMPOUND LIMITS FOR FOUNTAIN  
SOLUTIONS AND SOLVENT CLEANERS BECOME EFFECTIVE  
JANUARY 1, 2012**

On June 14, 2011, the Ventura County Air Pollution Control Board amended Rule 74.19, Graphic Arts. The amended Rule includes significant revisions that may affect your business' operation. **The revisions to Rule 74.19 become effective on January 1, 2012.**

Ventura County does not meet the federal or state air quality standards for ozone; the revisions to Rule 74.19 will help the County meet those standards by reducing the amount of reactive organic compounds (ROC) emissions from graphics arts operations.

The most significant changes to Rule 74.19 are lower ROC content limits for fountain solutions and lower limits for solvent cleaning operations. The new solvent cleaning limits replace existing vapor pressure limits. The new limits are based upon rules that have been adopted and are in effect in the South Coast, Bay Area, Sacramento, and San Joaquin Valley air districts.

The new ROC content limits are summarized in the two tables on the reverse side of this advisory. For a copy of the revised rule, see the Rule Development page on the District web site at [www.vcapcd.org/rules\\_division.htm](http://www.vcapcd.org/rules_division.htm).

Questions regarding enforcement of the revised rule should be directed to Eric Wetherbee, Supervising Air Quality Specialist at (805) 645-1496.

Questions regarding the new rule amendments, or the rule development process should be directed to Stan Cowen at (805) 645-1408.

Table 1. New Fountain Solution ROC Limits, As Applied

FOUNTAIN SOLUTION LIMITS BY PRINTING METHOD	LIMITS ROC CONTENT (Percent by weight – as applied)	LIMITS ROC CONTENT (Grams per Liter - as applied)
a. HEATSET WEB-FED OFFSET LITHOGRAPHIC PRINTING		
1) If no refrigeration and contains alcohol:	1.6	16
2) If refrigerated below 55°F and contains alcohol	3.0	30
3) If no alcohol in fountain solution	5.0	50
b. NON-HEATSET WEB-FED OFFSET LITHOGRAPHIC PRINTING (Use of alcohol prohibited in this fountain solution)	5.0	50
c. SHEET-FED LITHOGRAPHIC PRINTING if maximum sheet size is greater than 11X17 inches or if total solution reservoir is greater than one gallon:		
1) If no refrigeration and contains alcohol	5.0	50
2) If refrigerated below 55°F and contains alcohol	8.5	85
3) If no alcohol in fountain solution	5.0	50
d. ALL OTHER PRESSES NOT LISTED ABOVE		
1) If no refrigeration	8.0	80
2) If refrigerated below 55°F	10.0	100

Table 2. New Solvent Cleaning ROC Content Limits

SOLVENT CLEANING ACTIVITY	LIMITS ROC Content (as applied) Grams of ROC per Liter of Material g/l (lb/gal)
a. Surface Preparation of Substrate	25 (0.21)
b. Repair and Maintenance Cleaning	25 (0.21)
c. Other Press Parts	25 (0.21)
d. Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)
e. Cleaning of Ink Application Equipment	
1) General, unless listed below	25 (0.21)
2) Flexographic Printing	
a) Specialty Flexographic	100 (0.83)
b) Other Flexographic	25 (0.21)
3) Gravure Printing	
a) Publication	100 (0.83)
b) Packaging	25 (0.21)
4) Lithographic or Letter Press Printing	
a) Roller Wash	100 (0.83)
b) Blanket Wash	100 (0.83)
c) Metering Roller Cleaner	100 (0.83)
d) Plate Cleaner	100 (0.83)
e) Removable Press Components	25 (0.21)
5) Radiation Curing Ink Removal	100 (0.83)