



SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

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Daily VOC Log

COMPANY NAME: _____ **ADDRESS:** _____ **CITY:** _____

JOB / PAINT INFORMATION												VOC REGULATORY COMPLIANCE	VOC DAILY EMISSIONS			
Date	Customer Job #	Type of Coating	Coating Code # • VOC _{REG/ACT} * PARTS USED			Reducer Code # • VOC _{REG/ACT} * PARTS USED			Catalyst Code # • VOC _{REG/ACT} * PARTS USED			Total Parts Used	VOC _{REG} Ready to Spray	VOC _{ACTUAL} of Material*	Total Amount Used	Total VOC*
	EXAMPLE	Primer	XYZ	2.1 1.6	3				ABC	1.9 1	1	4	2.1 lbs/gal	1.5 lbs/gal	1 gal	1.5 lbs

*Shaded columns should be filled out only if facility has a Daily Emissions Limit on permit.

Application Method: _____

2 oz = .016 gal	4 oz = .031 gal	6 oz = .047 gal	(1/16) 8 oz = .063 gal	10 oz = .078 gal	12 oz = .094 gal	14 oz = .109 gal	(1/8) 16 oz = .125 gal	(3/16) 24 oz = .188 gal	(1/4) 32 oz = .25 gal
1 gallon = 3.785 liters						1 pound = 453.6 grams			

$$\frac{[(VOC_{REG} \text{ Coating}) \times (\text{Parts Coating})] + [(VOC_{REG} \text{ Reducer}) \times (\text{Parts Reducer})] + [(VOC_{REG} \text{ Catalyst}) \times (\text{Parts Catalyst})]}{(\text{Total Parts})} = VOC_{REG} \text{ Ready to Spray}$$

THIS RECORD SHALL BE RETAINED FOR A MINIMUM OF FIVE (5) YEARS AND MADE AVAILABLE FOR INSPECTION BY THE DISTRICT UPON REQUEST

Directions for Daily VOC Log Record Keeping Form

NOTE: For best results, pick one unit (g/L or lbs/gal) to use consistently throughout this form.

JOB/PAINT INFORMATION

1. Enter date.
2. Enter customer job number (whatever number/name you identify with the job).
3. Enter type of coating (for example: clear coat, color coat, primer, etc...).
4. Look at the coating label. Find the coating identification code and enter it in the 1st box under "Coating".
5. Find the VOC Regulatory (REG) and Actual (ACT) values on the can. Enter the VOC_{REG} value in the top of the 2nd box under "Coating", and the VOC_{ACT} in the bottom of the second box under Coating.
6. How many parts of the coating did you use? Following the example, if you used 3 parts coating to 1 part catalyst, enter "3" in the 3rd box under "Coating".
7. Did you use a reducer or a catalyst? If so, repeat directions 4-6 for the "reducer" and "catalyst" columns.
8. How many total parts did you use? Following the example, 3 parts coating and 1 part catalyst equals 4 total parts, so enter "4" in the box.

VOC REGULATORY COMPLIANCE

Use the following calculation:

$$\frac{[(\text{VOC}_{\text{REG}} \text{ Coating}) \times (\text{Parts Coating})] + [(\text{VOC}_{\text{REG}} \text{ Reducer}) \times (\text{Parts Reducer})] + [(\text{VOC}_{\text{REG}} \text{ Catalyst}) \times (\text{Parts Catalyst})]}{(\text{Total Parts})} = \text{lbs VOC/gal}$$

The example is calculated as follows:

$$\frac{[(2.1 \text{ lbs/gal}) \times (3 \text{ parts coating})] + [(0 \text{ lbs/gal}) \times (0 \text{ parts reducer})] + [(1.9 \text{ lbs/gal}) \times (1 \text{ parts catalyst})]}{4} = 2.05 \text{ lbs/gal}$$

(rounded to 2.1 in the chart above)

NOTE: If using an exempt reducer (VOC = 0), do not include it in any part of the VOC_{REG} calculation.

VOC DAILY EMISSIONS

NOTE: If your Permit to Operate does not specify a Daily Emissions Limit, you need only record the volume of coating you used (step 2 of this section).

1. Use the equation from the "VOC Regulatory Compliance" section to calculate the VOC Actual (VOC_{ACT}). Substitute VOC_{ACT} for VOC_{REG}.
2. How much of this product did you use?
3. Multiply your "Total Amount Used" by the "VOC_{ACTUAL} of Material" for your "Total VOC" for this job.