

PAINT MANUFACTURING OPERATIONS :

SPECIAL INSTRUCTIONS

- 1) Forms SAM99D and SAM30 need to be completed, since they are required for every plant that has emissions in Jefferson County.
- 2) The fuel usage at each plant needs to be monitored. Any fuel usage should be reported on the appropriate fuel use forms, which will require the completion of Form(s) SAM20 and/or SAM21.
- 3) Complete SAM40A as the reporting form for the overall TSP emissions and use SAM40B as the reporting form for PM₁₀ emissions.

Note: The billing for Title V plants will be based upon the quantity of PM₁₀ emissions, which will only be a certain percentage of the overall TSP emissions for the plant. If unable to determine PM₁₀ emissions, the Title V billing will be based upon TSP emissions.

- 4) Form SAM50A should be completed for each solvent which is used, and also for each product which is manufactured. Emission reporting is acceptable that combines similar types of products into groups; such as, similar “solvent based paints”, and/or similar “water based paints”. Non-VOC components do not need to be included in the Chemical Composition table.
- 5) Complete Form SAM50D only for those solvents which are stored in bulk tanks. When the same solvent is stored in more than one bulk storage tank, then it is not necessary to complete a separate form for each tank. The tank(s) need to be identified clearly on the reporting form for verification purposes. If you have already reported the chemical composition for the solvent on Form SAM50A, it is not necessary to duplicate the same composition table when using Form SAM50D.
- 6) Because of the difficulty of calculating accurate VOC emission values for paint manufacturing, an accurate description should be included of the method used for these determinations. Sample calculations should be included, showing how the emissions were determined. When an emission factor is used, please reference where the factor was obtained, the date of the document it was obtained from, and explain if there were any special reasons for using a certain factor.