BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Best Available Control Technology (BACT) Guideline

Source Category

Source:	***Flexographic Printing Line***	Revision:	***2***
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Class:	***All***	Date:	***06/20/95***

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Water reducible inks w/ <1 lb VOC/gal of coating and no VOC clean-up solvents. If cost-effective, capture and vent VOC to afterburner or carbon adsorption sytem w/ ≥ 98.5% destruction/recovery device efficiency, or VOC outlet ≤10 ppmv[a,b,T] 2. *Water reducible inks w/ either: <1.5 lb VOC/gal coating or <10% by volume VOC; and no VOC clean-up solvnets*[a,T]	1. *Low VOC Coatings and no VOC clean-up solvents; or BAAQMD approved Collection System and Abatement Device*[a,b,T] 2. *Low VOC Coatings and no VOC clean-up solvents*[a,T]
NOx	1. *n/a* 2. *n/a*	1. *n/a* 2. *n/a*
SO_2	1. *n/a* 2. *n/a*	1. *n/a* 2. *n/a*
CO	1. *n/a* 2. *n/a*	1. *n/a* 2. *n/a*
PM_{10}	1. *n/a* 2. *n/a*	1. *n/a* 2. *n/a*
NPOC	1. *Same as for POC above*[a,b,T] 2. *Same as for POC above*[a,b,T]	1. *Low or no NPOC Coatings and Solvents: or BAAQMD Approved Abatement System*[a,b,T] 2. *Low NPOC Coatings and Solvents*[a,T]

References

a. BAAQMD
b. For abatement devices, the following are acceptable: ≤10 ppmv at outlet; or ≥98.5% destruction/recovery efficiency if inlet VOC ≥2000 ppmv: or ≥97% efficiency if inlet VOC ≥200 to <2000 ppmv: or ≥90% efficiency if inlet VOC <200 ppmv.
T. TBACT