

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

Source Category

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Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. use of ultraviolet light curable inks and cleanup solvents containing no VOC as defined by Reg. 8, Rule 20. Or capture and vent VOC to afterburner or carbon adsorption system w/ $\geq 98.5\%$ destruction/recovery device efficiency, or VOC outlet ≤ 10 ppmv ^{a,T} 2. Use of low VOC inks complying w/ Reg. 8, Rule 20 (≤ 2.5 lb/gal) ^{a,T}	1. UV Coatings and No VOC Solvents; or BAAQMD approved Collection System and Abatement Device ^{a,b,T} 2. Low VOC Coatings and Solvents ^{a,T}
NO _x	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. UV Coatings and No VOC solvents; or BAAQMD Approved Abatement System ^{a,b,T} 2. Low VOC Coatings and solvents ^{a,T}

References

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