

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

Source Category

Source:	Spray Booth - Coating of Wood Products	Revision:	2
		Document #:	161.8.1
Class:	All	Date:	09/13/00

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Coatings w/ VOC content less than that required by Reg. 8, Rule 32, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ by weight ^{a,b} 2. Coatings w/ VOC content less than that required by Reg. 8, Rule 32 ^{a,b}	1. Collection System Vented to Carbon Adsorber or Afterburner ^{a,b} 2. Use of coatings with very low VOC contents (such as waterborne coatings, higher solids coatings, uv-cured coatings, polyester or polyurethane coatings, higher solids nitrocellulose lacquers, and solvent-substituted coatings) ^{a,b}
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/d 2. n/s	1. n/d 2. Dry Filters or Waterwash, Properly Maintained ^d
NPOC	1. Coatings w/ solvent content less than that required by Reg. 8, Rule 32, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,b} 2. Coatings w/ VOC content less than that required by Reg. 8, Rule 32 ^{a,b}	1. Collection System Vented to Carbon Adsorber ^{a,b} 2. Use of coatings with very low VOC contents ^{a,b}

References

- a. *BAAQMD Interoffice Memorandum from B. Young to W. deBoisblanc dated 9/26/00 titled "Spray Booth BACT, Coating of Wood Products, and Cost-Effectiveness of Add-On VOC Control."*
- b. *BAAQMD Permit Application #1146*