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

Source Category

Source:	***Semiconductor Fabrication - Solvent Cleaning Stations***	Revision:	***1***
		Document #:	***149A.2.1***
Class:	***All***	Date:	***10/25/91***

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. *Enclosure of solvent station, and vent to abatement system w/ capture/destruction efficiency ≥90% or VOC outlet concentration ≤10 ppm*[a] 2. *Compliance with BAAQMD Reg. 8, Rule 30, and all solvent station reservoirs, sinks, and containers shall be provided with a cover and have a freeboard ratio ≥1.0.*[a]	1. *Collection System Vented to Incinerator or Carbon Adsorption System*[a] 2. *BAAQMD Approved Design and Operation*[a]
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. *Enclosure of solvent station, and vent to abatement system w/ capture/recovery efficiency ≥90% or VOC outlet concentration ≤10 ppm*[a] 2. *Compliance with BAAQMD Reg. 8, Rule 30, and all solvent station reservoirs, sinks, and containers shall be provided with a cover and have a freeboard ratio ≥1.0.*[a]	1. *Collection System Vented to Carbon Adsorption System*[a] 2. *BAAQMD Approved Design and Operation*[a]

References

a. BAAQMD