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

Source Category

Source:	***Wave Solder Operations: Flux Application***	Revision:	***1***
		Document #:	***179A.1***
Class:	***All***	Date:	***12/16/91***

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. *Use of "no clean" fluxes that do not require finger cleaning after soldering, enclosure of all wave solder operations, minimization of extrance/exit areas, and vent to control system w/ overall capture/ destruction efficiency ≥90%*[a] 2. *Use of "no clean" fluxes that do not require finger cleaning after soldering, covering of flux bath when applicator is not in operation, and minimization of entrance/exit areas.*[a]	1. *Collection System Vented to Carbon Adsorber or Afterburner*[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. *Use of "no clean" fluxes that do not require finger cleaning after soldering, enclosure of all wave solder operations, minimization of extrance/exit areas, and vent to control system w/ overall capture/destruction efficiency ≥90%*[a] 2. *Use of "no clean" fluxes that do not require finger cleaning after soldering, covering of flux bath when applicator is not in operation,*	1. *Collection System Vented to Carbon Adsorber or Afterburner*[a] 2. *BAAQMD Approved Design and Operation*[a]

	and minimization of entrance/exit area[a]	

References

a. BAAQMD A #8337