

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Best Available Control Technology (BACT) Guideline

Source Category

Source:	<i>Hot Mix Asphalt, Drum and Batch Mix Facilities: Material Handling (Conveyors and Storage Silos; and Loadout Operations)</i>	Revision:	1
		Document #:	10B.1
Class:		Date:	08/01/2012

Determination

Pollutant	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Afterburner w/ >0.3 sec. retention time at > 1400F ^a 2. a) Conveyors and storage silos enclosed and abated by a blue smoke recovery/capture system or vented to a blue smoke filter pack. ^b b) Truck loadout operations enclosed on three sides (tunnel) and vented to 1) rotary-dryer burner or 2) blue smoke filter pack. ^c	1. BAAQMD Approved Design and Operation ^a 2. Blue smoke recovery/capture system (enclosure and vented to the rotary-dryer burner). ^b Blue smoke filter pack must be designed to capture both POC and PM10 (oils).
NO_x	1. n/a 2. n/a	1. n/a 2. n/a
SO₂	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
PM₁₀	1. Afterburner w/ >0.3 sec. retention time at > 1400F ^a 2. a) Conveyors and	1. BAAQMD Approve Design and Operation ^a

	<p>storage silos enclosed and abated by a blue smoke recovery/capture system or vented to a blue smoke filter pack.^b</p> <p>b) Truck loadout operations enclosed on three sides (tunnel) and vented to 1) rotary-dryer burner or 2) blue smoke filter pack.^c</p>	<p>2. Blue smoke recovery/capture system (enclosure and vented to the rotary-dryer burner).^b</p> <p>Blue smoke filter pack must be designed to capture both POC and PM10 (oils).</p>
NPOC	<p>1. n/a</p> <p>2. n/a</p>	<p>1. n/a</p> <p>2. n/a</p>

References

a.	BAAQMD
b.	Applications 15524 and 15287, SJVUAPCD BACT Guideline 6.3.1, SBCAPCD BACT Determination for A/C no. 9886 and 9740.
c.	Applications 15287, SJVUAPCD BACT Guideline 6.3.1 and SCAQMD BACT Determination for Application 365181