

BEST AVAILABLE CONTROL TECHNOLOGY (BACT) GUIDELINE 5.1

Equipment Category:	Concrete Batch Plants
Revision:	1.0
Date:	February 19, 2019

Pollutant	BACT Requirement	BACT Technology	Performance Standard	AIP/TF
PM, PM ₁₀ , PM _{2.5}	1.a	Outdoor sand and aggregate storage piles adequately wetted to prevent visible emissions	Minimum 4% moisture content by weight for sand and 1% moisture content for rock	AIP
	1.b	Enclosed sand and aggregate storage (building, three-sided bunker or equivalent)	N/A	TF
	2	Water sprays at all sand and aggregate transfer points	N/A	AIP
	3	Material entering sand and aggregate weigh hopper sufficiently wetted to prevent visible emissions	Minimum 4% moisture content by weight for sand and 1% moisture content for rock	AIP
	4	Cement transferred to weight hopper by enclosed screw type conveyor	N/A	AIP
	5	Enclosed silos vented to a control device (baghouse or equivalent)	99% control device efficiency	AIP
	6	Enclosed cement weigh batcher vented to a control device (baghouse or equivalent)	99% control device efficiency	AIP
	7	Truck loading operations enclosed by an outer shroud or equivalent, a charging boot which can be positioned inside the mixer truck hopper, and is vented to a control device (baghouse or equivalent)	99% control device efficiency	AIP



**Santa Barbara County
Air Pollution Control District**

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Pollutant	BACT Requirement	BACT Technology	Performance Standard	AIP/TF
PM, PM ₁₀ , PM _{2.5}	8	Replacement bags/cartridges numbering at least 10% of the total number of bags in the largest bag house using each type of bag shall be maintained on the premises.	N/A	AIP

Notes:

1. AIP means Achieved in Practice. TF means Technologically Feasible.
2. BACT is the most stringent control technique for the emissions unit and equipment category that is either achieved in practice or technologically feasible/cost effective.
3. BACT determinations are subject to periodic updates without advanced notice.