San Joaquin Valley Air Pollution Control District
Supplemental Application Form

Concrete Batch Plants

This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form

PERMIT TO BE ISSUED TO:
LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:

EQUIPMENT DESCRIPTION

Batch Plant Data	Manufacturer (if applicable):	
	Model Number (if applicable):	
	Maximum Rated Horsepower of all electric motors: _____ hp	
	Is the operation powered by an internal combustion engine?[ ] No [ ] Yes (Note: If engine is rated at greater than 50 hp an *IC Engine Supplemental Application* form is required.)	
Cement Silo(s) Data	Total Number of Silos: ___	Volume of each silo: _____ gal or ft^3 (circle one)
	Type of filter: [ ] Fabric Filter [ ] Cartridge Filter [ ] Other (please specify):	
Fly Ash Silo(s) Data	Total Number of Silos: ___	Volume of each silo: _____ gal or ft^3 (circle one)
	Type of filter: [ ] Fabric Filter [ ] Cartridge Filter [ ] Other (please specify):	
Silo Control	[ ] Yes (Baghouse/Dust Collector supplemental application required) [ ] No	

PROCESS DESCRIPTION

Maximum Cement Silo Loading Throughput	_____ ton/hr	_____ ton/day	_____ ton/yr
Maximum Cement Silo Unloading Throughput	_____ ton/hr	_____ ton/day	_____ ton/yr
Maximum Fly Ash Silo Loading Throughput	_____ ton/hr	_____ ton/day	_____ ton/yr
Maximum Fly Ash Silo Unloading Throughput	_____ ton/hr	_____ ton/day	_____ ton/yr
Maximum Aggregate Throughput	_____ ton/hr	_____ ton/day	_____ ton/yr
Maximum Sand Throughput	_____ ton/hr	_____ ton/day	_____ ton/yr
Maximum Concrete Output	_____ yd^3/hr	_____ yd^3/day	_____ yd^3/yr
Provide an Equipment Listing, Site Plan, and Material Flow Chart (on a separate sheet of paper)	a) Provide an equipment listing to include the manufacturer and model number of all major components. b) Provide a typical Site Plan for a maximum throughput scenario (include all process, control, and transfer equipment). c) Provide a Material Flow Chart for a maximum throughput scenario. (Include all process, control, and transfer equipment, their types, and their maximum ratings. Also include transfer points, stockpiles, and air pollution control methods.		

PROCESS DESCRIPTION (Continued)

Is this a "Wet Mix" type plant?	[ ] Yes [ ] No	**Is this a "Transient Mix" dry type plant?**	[ ] Yes [ ] No
Mechanical Cement Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Other (please specify) [ ] None	
Pneumatic Cement Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Other (please specify) [ ] None	
Cement Weigh Hopper Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Other (please specify) [ ] None	
Mechanical Fly Ash Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Other (please specify) [ ] None	
Pneumatic Fly Ash Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Other (please specify) [ ] None	
Fly Ash Weigh Hopper Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Other (please specify) [ ] None	
Mechanical Aggregate Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Water Spray [ ] Other [ ] None	
Mechanical Sand Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Other (please specify) [ ] None	
Sand and Aggregate Weigh Hopper Transfer Points	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Water Spray [ ] Other [ ] None	
Concrete Transfer Points (Truck Loading)	Number of Points: _____	Quantity of transfer points controlled by: [ ] Fabric Filter [ ] Bin Vent Filter [ ] Water Spray [ ] Shroud [ ] None	

PLANT LAYOUT DESCRIPTION

Total Area of Unpaved Roads within the Plant	Area: _____ acre or ft^2 (circle one)	Type of control: [ ] Water [ ] Oil/Dust Palliate [ ] Other (please specify):
Total Area of Aggregate Piles within the Plant	Area: _____ acre or ft^2 (circle one)	Type of control: [ ] Water [ ] Physical Covering [ ] Retaining Walls [ ] Other (please specify):

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment, house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the stack to the receptor, i.e. North or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the stack to the receptor, i.e. North or South.
Stack Parameters	Release Height	_____ feet above grade	
	Stack Diameter	_____ inches at point of release	
	Rain Cap	[ ] Flapper-type [ ] Fixed-type [ ] None [ ] Other: _____	
	Direction of Flow	[ ] Vertically Upward [ ] Horizontal [ ] Other: ___° from vert. or ___° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____°F	
Facility Location	[ ] Urban (area of dense population) [ ] Rural (area of sparse population)		

Describe any additional air pollution control equipment or technologies, including control efficiencies, on a separate sheet and submit it along with this form.

FOR DISTRICT USE ONLY

Date:	**FID:**	**Project:**	**Public Notice: Y N**
Comments:			