



**Form 400-E-1a
Particulate Matter Control
Fabric Filter (Baghouse)/Cartridge Collector**



This form must be accompanied by a completed Application for a Permit to Construct/Operate - Forms 400-A, Form 400-CEQA, and Form 400-PS.

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944
Tel: (909) 396-3385
www.aqmd.gov

Section A - Operator Information

Facility Name (Business Name of Operator That Appears On Permit): _____ **Valid AQMD Facility ID** (Available On Permit Or Invoice Issued By AQMD): _____

Address where the equipment will be operated (for equipment which will be moved to various location in AQMD's jurisdiction, please list the initial location site): _____

Fixed Location Various Locations

Section B - Equipment Description (Complete Part I or Part II)

Equipment	Manufacturer: _____	Model No.: _____
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Part I: For Fabric Filters

Bag Material	Nomex® Nylon Polyester Acrylics Fiber Glass Cotton Teflon®
	PFTE Membrane Laminated Textratex® Other _____

Bag Dimensions	Number of Bags: _____ Bag Length: _____ ft. Bag Diameter: _____ ft.
	Total Filter Area: _____ sq. ft. Designed Air to Filter Ratio: _____ : 1

Part II: For Cartridge Filters

Cartridge Dimensions	Number of Cartridges: _____ Total Filter Area: _____ sq. ft. Designed Air to Filter Ratio: _____ : 1
	Size of Each Cartridge: Diameter _____ ft. Length _____ ft.
	Material: _____

Section C - Device And Method

Dust Collection Device	Pneumatic Drag Conveyor Closed Container
	Rotary Airlock Valves Double Dump
	Screw Conveyors Manual Discharge Device: Slide Gate Hinged Doors or Drawers

Cleaning Method	Pulse Jet Reverse Air (If Reverse Air, Is it: Online or Offline)
	Mechanical Shaker Other _____

Blower	Blower Horsepower: _____ H.P. Design Flow Rate: _____ SCFM
	Draft: Forced Induced

Design Criteria	Baghouse Configuration: Positive Pressure Negative Pressure
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Pre-Treatment Device	Cyclone Precooler Preheater Knock-Out Chamber HEPA None
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Post-Treatment Device	HEPA Afterburner Other: _____
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Section D - Process Stream Characteristics

Brief Description Of Process	Please include a process flow diagram and engineering drawing of the filter system and material processed. In the space provided, indicate what equipment is vented to the baghouse and how waste material is handled and disposed.
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	Micron Range	Particle Size Distribution (Wt%)	Manufacturer's Guaranteed Removal Efficiency For Each Micron Range (%)
Particulate Size Distribution Data	0.5 - 1.0		
	1.0 - 5.0		
	5 - 10		
	10 - 20		
	Over 20		

Flow Data	<p>Gas Stream Temperature: _____ °F</p> <p>Pressure Drop Range: High _____ in. H₂O Low _____ in. H₂O</p> <p>Inlet Flow Rate: _____ ACFM</p> <p>Moisture Content: _____ grams of water/cubic feet (ft³) of dry air</p> <p>Dew Point Temperature of Process Stream: _____ °F</p>
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Operating Schedule	<p>Normal: _____ hours/day _____ days/week _____ weeks/yr</p> <p>Maximum: _____ hours/day _____ days/week _____ weeks/yr</p>
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Section E - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application is true and correct.

Preparer Info	Signature: _____ Date: _____ Title: _____ Company Name: _____	Name: _____ Phone #: _____ Fax #: _____ Email: _____
Contact Info	Name: _____ Title: _____ Company Name: _____	Phone #: _____ Fax #: _____ Email: _____

THIS IS A PUBLIC DOCUMENT

Pursuant to the California Public Records Act, your permit application and any supplemental documentation are public records and may be disclosed to a third party. If you wish to claim certain limited information as exempt from disclosure because it qualifies as a trade secret, as defined in the District's Guidelines for Implementing the California Public Records Act, you must make such claim at the time of submittal to the District.

Check here if you claim that this form or its attachments contain confidential trade secret information.