

San Joaquin Valley Air Pollution Control District

Supplemental Application Form

PROCESSES SERVED BY A BAGHOUSE/DUST COLLECTOR

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

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

BAGHOUSE/DUST COLLECTOR DESCRIPTION

| | | |
|-------------------------------------|---|---|
| Baghouse/Dust Collector Data | Manufacturer: | |
| | Model No.: | Serial No.: |
| | PM ₁₀ Control Efficiency: _____ (%) (if available from the manufacturers guarantee) | |
| | Exhaust PM ₁₀ Emission Concentration(gr/dscf): _____ (if available from the manufacturers guarantee) | |
| | Differential Pressure Gage [] Yes [] No | Manufacturer's Recommended Differential Pressure Operating Range: _____ to _____ inches W.C. |
| Filter Data | Type: [] Bag/Tube [] Cartridge [] Envelope [] HEPA/Flat [] Sock Filter [] Other: _____ | |
| | Fabric: [] Cotton [] Polypropylene [] Polyester [] Fiberglass [] Nomex [] Teflon [] Other: _____ | |
| | Number of Bags/Filters: | Total Cloth Area: _____ (sq. ft.) |
| | Diameter or Width of Bag/Filter: _____ (in.) | Length of Bag/Filter: _____ (in.) |
| | Filter Cleaning Method: [] Mechanical Shaker [] Reverse Air Flow [] Pulse Jet | |
| Blower/Fan Data | Manufacturer: | Model No. |
| | Power Rating: _____ (Horsepower) | Air Flow Rate: _____ (dscfm) |

PROCESS INFORMATION

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| Process served by baghouse/duct collector: |
| Type of material collected by the baghouse/dust collector: |
| Maximum quantity of material collected by the baghouse/dust collector: _____ lb/day |
| Maximum process weight for operation served by the baghouse/dust collector: _____ tons/day |
| <p><i>Please note, each permit is required by District Rule 2201 to have a daily emission limit (DEL). The information provided above for maximum process rate and operating schedule may be used as an enforceable limiting condition for each Authority to Construct or Permit to Operate that will be issued for the proposed project.</i></p> |

EQUIPMENT SERVED BY THE BAGHOUSE/DUST COLLECTOR

| Description | Manufacturer | Model No. | Power Rating (Horsepower) or Storage Capacity (Cubic Feet) |
|--|--------------|-----------|--|
| Indicate the type of equipment that will be served by the baghouse/dust collector, such as: Rip saw, drill, router, hammermill, grain cleaner, storage bin, etc. (attach additional sheets if needed.) | | | Indicate the horsepower rating if the equipment is powered by an electric motor or indicate the maximum storage capacity if the equipment is a storage bin/silo. |
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HEALTH RISK ASSESSMENT DATA

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|-------------------------|--|--|--|
| Operating Hours | Maximum Operating Schedule: _____ hours per day, and _____ hours per year | | |
| | <input type="checkbox"/> Outdoors <input type="checkbox"/> Indoors (if indoors, see note 1) | | |
| 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. Northeast 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 Southwest. |
| Stack Parameters | Release Height | _____ feet above grade | |
| | Stack Diameter | _____ inches at point of release | |
| | Rain Cap | <input type="checkbox"/> Flapper-type <input type="checkbox"/> Fixed-type <input type="checkbox"/> None <input type="checkbox"/> Other: _____ | |
| | Direction of Flow | <input type="checkbox"/> Vertically Upward <input type="checkbox"/> Horizontal <input type="checkbox"/> Other: _____° from vert. or _____° from horiz. | |
| Exhaust Data | Flowrate: _____ acfm | Temperature: _____ °F | |
| Facility | <input type="checkbox"/> Urban (area of dense population) <input type="checkbox"/> Rural (area of sparse population) | | |

Note 1: If baghouse is located inside a building, attach a dimensioned building plan indicating building height, floorplan with dimensions, location of the baghouse plus the height and location/dimension of all doors, windows or ventilation openings which remain open during operation. The plan shall include an arrow indicating the direction of True North. If the building is equipped with a forced air ventilation system, identify all vent locations and fan capacities in CFM.