

BAGHOUSE WORKSHEET INSTRUCTIONS

Be sure to review the following instructions prior to completing this application. More detailed instructions can be found on Page 3.

- Submit this worksheet as a supplemental document to an *Application for Authority to Construct/Permit to Operate*. If submitting this worksheet without a permit application, or in response to an AQMD request for supplemental information, locate and check the “Supplemental Information” box at the top left of Page 2.
- The worksheet must be filled out completely for all items that are applicable, except where noted as optional.
- The *Application for Authority to Construct/Permit to Operate*, all applicable emission unit and/or control device worksheet(s), and payment should be hand delivered to the AQMD drop box located ([here](#)), or mailed to:

NNPH, AQMD
1001 E. Ninth Street, Suite B171
Reno, NV 89512

- Other forms that may be required in addition to this worksheet:
 - For emission control equipment, use the appropriate *Emission Control Device Worksheet (Control Device, Cyclone, Flare, or Scrubber)* and duplicate as needed. Be sure to indicate the emission unit (Emission Unit ID) that the control equipment is affecting.
 - If not operating on grid power and/or if there is an engine on site, use the *Internal Combustion Engine Worksheet*.

ASSISTANCE AND RESOURCES

District Board of Health Regulations Governing Air Quality Management:

<https://www.nnph.org/programs-and-services/air-quality/regulations/index.php>

The Air Quality Management Division Permitting Department can be contacted at (775) 784-7200 or AQMDPermitting@nnph.org.

BAGHOUSE WORKSHEET

FOR AQMD USE ONLY

Permit No.:

Supplemental Information

Facility Information		
1. New Permit Permit Modification		
2. Existing facilities only. Permit Number (AAIRXX-XXXX):		
3. Facility Name:		
4. Facility Address:		
City:	State:	ZIP Code:
Fabric Filter/Baghouse Specifications		
5. Manufacturer:		6. Date of Manufacture:
7. Model No.:	8. Serial No.:	
9. Rated Control Efficiency (%):		
Pollutant(s) Controlled: PM PM ₁₀ PM _{2.5} Other (specify):		
10. Normal pressure drop across filter/baghouse:		
Max. inches of water:		Min. inches of water:
11. Device measuring pressure drop:		
Magnehelic Gauge Monometer		Other (specify):
12. Emission unit(s) or process(es) venting emissions to the filter/baghouse:		
Supplemental Information (Optional)		
Bag fabric type:		
No. of bags:	Air-to-Cloth Ratio (ft ² /ft ³):	Cloth Weight (oz):
Bag cleaning method (air, mechanical, shaking, etc.):		
Volume of air or gas to the atmosphere (cfm):		
Exhaust Stack Parameters		
Temperature (°F):	Flow Rate (cfm):	Velocity (fps):
Height (feet):	Diameter (inches):	

DETAILED WORKSHEET INSTRUCTIONS

Attach flow diagram(s) and manufacturer's specification sheet(s). Duplicate sheet as needed.

Facility Information

1. Specify if the worksheet is for a new permit or for modification of an existing permit by checking the appropriate box.
2. **For existing facilities only.** Provide the permit number, which can be found at the top of page 1 of the existing Permit to Operate (ex. AAIRXX-XXXX).
3. Provide the facility name as it appears on the *Application for Authority to Construct/Permit to Operate*. If a permit already exists for this operation, enter the name as it appears on the existing permit, which can be found at the top of page 1 of the existing Permit to Operate where it says, "Permit Issued To".
4. Provide the facility address.

Fabric Filter/Baghouse Specifications

- 5-8. Specify the fabric filter/baghouse manufacturer, date of manufacture, model number, and serial number.
9. Provide the fabric filter/baghouse rated control efficiency (%). Specify the pollutant associated with the rated control efficiency.
10. Specify the high and low range pressure drop across the fabric filter/baghouse in inches of water.
11. Specify the type of device measuring the pressure drop across the fabric filter/baghouse.
12. Provide the emission unit(s) and/or process(es) vented to the fabric filter/baghouse. Include the emission unit number.

Supplemental Information (Optional)

The information in this section is not required but may assist in processing the application.

- Specify the bag fabric type.
- Specify the total number of bags.
- Specify the air-to-cloth ratio in ft²/ft³.
- Specify the cloth weight in ounces.
- Specify the bag cleaning method (air, mechanical, shaking, etc.)
- Specify the volume of air or gas to the atmosphere in cubic feet per minute.
- Specify the fabric filter/baghouse exhaust stack parameters:
 - The height above the grade through the stack or duct (feet)
 - The diameter (inches)
 - The temperature in degrees Fahrenheit
 - The flow rate in cubic feet per minute
 - The velocity in feet per second