Air Quality Permit Application

Baghouse

Department of Environment & Natural Resources
Protecting SD's Tomorrow...Today

This form is to be submitted, if necessary, along with the Title V (Part 70) Operating Permit, Minor Operating Permit, or the General Permits.

(please complete shaded areas)

Equipment and processes served by this baghouse (please list all equipment and processes):

Equipment and Processes

1.
2.
3.
4.
5.

Manufacturer Information:

Manufacturer?

Manufacturer date?   Installation date?

Manufacturer's designed control efficiency?   %

Type of baghouse (please check one)?

| | Reverse Air | | Pulse Jet | | Shaker | | Other (specify) | |

Type of bags?

Number of bags?   Air/cloth ratio?

Baghouse Operation and Maintenance:

Pressure drop across baghouse?   inches water (minimum)   inches water (maximum)

Inlet Temperature?   Fahrenheit (minimum)   Fahrenheit (maximum)

Outlet Temperature?   Fahrenheit (minimum)   Fahrenheit (maximum)

Describe maintenance of baghouse (use of dye test, visual inspections, changing bag frequency, etc.):

Stack Information: If this application is a renewal, contact the air program. We may have this information.

X- Coordinate or Easting: [1] [_____] feet or [_____] meters
Y- Coordinate or Northing: [1] [_____] feet or [_____] meters
Base Elevation of Stack: [1] [_____] feet or [_____] meters
Stack Height: [_____] feet or [_____] meters
Exit Stack Diameter [_____] feet or [_____] meters
Exit Stack Temperature [_____] degrees Fahrenheit
Exit Stack Velocity and/or Flow Rate:

Velocity: [_____] feet per second [_____] meters per second

and/or

Flow Rate: [_____] actual cubic feet per minute [_____] actual cubic meters per second

[1] - Portable asphalt plants, rock crushers, or concrete plants do not have to provide the requested information in these categories.