



**ADDITIONAL TECHNICAL INFORMATION FOR
CONTROL EQUIPMENT: FABRIC OR CARTRIDGE FILTERS**

The following information will be used for the technical review of a permit to install application for a **fabric or cartridge filter (baghouse)**. This information is in addition to the general requirements outlined in the AQD document "Information for an Administratively Complete Permit to Install Application", Part 2 - Additional Supporting Information, Items A through F. All of the information may not be needed for each application. Also, this document may not be all inclusive. Additional information beyond that identified may be necessary to complete the technical review of any individual application. In the event a determination is made that new additional information is needed for a technical review, this document will be updated.

All referenced guidance documents are available at <http://www.deq.state.mi.us/aps>, or you may contact the Permit Section at 517-373-7023.

1. Make, model number, and any available literature.
2. Number of isolable modules.
3. Fabric area, in square feet.
4. Air flow through the equipment in cubic feet per minute and exhaust temperature in °F.
5. Air to cloth ratio.
6. Describe the filter/bag material and any pretreatment.
7. The temperature the filter/bags are rated for in °F.
8. Describe the cleaning mechanism (shaker, pulse jet, other).
9. Describe any cooling sections associated with collector. For quenching, provide percent moisture, gas and liquid flow rates, and temperature, both before and after the cooling section.
10. Fractional efficiency curves, if available.
11. Pressure drop.
12. List which pieces of process equipment are tied into each control device and associated stack.
13. A description of any by-pass valves.
14. The concentration rating of the unit.