



**ADDITIONAL TECHNICAL INFORMATION FOR
CONTROL EQUIPMENT: CYCLONE DUST COLLECTOR**

The following information will be used for the technical review of a permit to install application for a **cyclone dust collector**. 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. Indication if the unit is a single cyclone or a multi-clone.
3. The expected operating efficiency of the unit.
4. Indicate if the unit is being used as a pre-cleaner or if it is being used as a stand alone control device. If it is being used as a pre-cleaner, indicate what additional control device it will be operated in conjunction with.
5. Air flow through the equipment in cubic feet per minute (cfm) and exhaust temperature in °F.
6. Fractional efficiency curves, if available.
7. Pressure drop.
8. List which pieces of process equipment are tied into each control device and associated stack.
9. A description of any by-pass valves.
10. The concentration rating of the unit.
11. The method and schedule for cleaning the unit.