

CYCLONE SUPPLEMENTAL FORM

Submit the following information with your application for an authority to construct:

1. EQUIPMENT LOCATION DRAWING. The drawing or sketch submitted must show the following at a minimum:
 - a. The property involved, with outlines and heights of all buildings. Identify property lines plainly.
 - b. Location and identification of each piece of equipment the exhaust system is to serve.
 - c. Location of the cyclone and associated ductwork. Use lines to show ducts and include the outlines of the cyclone and any pre-cleaners.

2. DESCRIPTION OF EQUIPMENT. The following information must be submitted:
 - a. Make, model, size, type, and capacity of the cyclone.
 - b. For the fan, state the make, model and power rating.
 - c. Describe the means of disposal of the collected air contaminants.
 - d. State pressure drop across the cyclone at design specifications.
 - e. Submit the manufacturer's brochure describing the equipment installed.

3. DRAWING OF CYCLONE. Complete the attached cyclone drawing with the requested specifications and information.
 - a. Sizes and shape of all connected ductwork and hoppers or other parts used to contain the collected materials.

4. DESCRIPTION OF PROCESS.
 - a. Specify process rate maximum and average of materials entering the cyclone (lbs/hr or grains/dscf).
 - b. Specify the maximum and average hours per day, days per week and weeks per year the cyclone is to be used.
 - c. Show the flow of materials either on a separate flow diagram or on the drawings accompanying the application.

After authority to construct is granted for any equipment, deviations from the approved plans are not permissible without first securing additional approval for the changes from the District.

Further information or clarification concerning permits can be obtained by calling (530) 634-7659.