

BAGHOUSE SUPPLEMENTAL FORM

Submit the following information along 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 and outlines of all buildings. Identify property lines.
 - b) Location of the baghouse and associated ductwork. Include the outlines of the filter units, pre-cleaners, and any equipment the exhaust system is to serve.

- 2) **CONTROL EQUIPMENT.** Supply the following information and drawings:
 - a) Make, model, size, type and capacity of the baghouse.
 - b) All data and calculations used in choosing or designing the baghouse.
 - c) Describe the means of disposal of the collect air contaminants.
 - d) Expected temperature of gases or air entering into the filter units.
 - e) Expected efficiency of the baghouse in controlling the types of air contaminants involved. Supply data to substantiate.
 - f) State pressure drop (inches of water) across the unit at design conditions.
 - g) Specify materials from which filter cloths are to be made. State the total filtering area. State the air to cloth ratio.
 - h) Describe bag cleaning procedure, including the means used for preventing losses when cleaning or emptying the filter units.
 - i) Show locations for all fans or blowers. Include the following specifications for each fan and motor:
 - 1) Fan: Make, model and size. State the volume of air (cubic feet per minute) to be handled.
 - 2) Motor: Specify horsepower.
 - j) Submit the manufacturer's catalog or specifications for the equipment.

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 Air Pollution Control Officer.

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

RESPONSIBLE OFFICIAL:

SIGNATURE: _____ TITLE: _____

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the Information contained in this application, composed of the forms and attachments are true, accurate, complete and that I am the responsible official.

NAME (PRINTED): _____ DATE: _____