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

1. **EQUIPMENT LOCATION DRAWING.** The drawing or sketch submitted must show at least the following:
   a. The property involved and outlines and heights of all buildings on it. Identify property lines plainly.
   b. Location of carbon adsorption unit and any ductwork associated with it. Include the outlines of any equipment the unit is to serve.

2. **FLUE GAS CHARACTERISTICS.** Supply the following information about the gas being treated:
   a. Gas flow rate (acfm) and temperature.
   b. Types and amounts (concentration) of air contaminants present.

3. **CARBON ADSORPTION UNIT.** Supply the following information and drawings:
   a. Make, model, size, type, and capacity of the carbon adsorption unit.
   b. All data and calculations used in choosing or designing the carbon adsorption unit.
   c. Procedures for regenerating the carbon adsorption bed.
   d. Expected efficiency of the carbon adsorption unit in controlling the types of air contaminants involved. Supply data to substantiate.
   e. Stack height and diameter.

4. **BOILER OR HEATER USED.** Supply the following information and drawings:
   a. Make, model, and size of the boiler.
   b. Type of fuel to be used.
      (1) Gas - specify gas type and cubic feet per hour.
      (2) Fuel - specify oil grade and gallons per hour.
   c. Number of hours per day, days per week, and weeks per year boiler is to be operated.

*Note: for item numbers 3 and 4, when standard commercial equipment is to be used, the manufacturer’s catalog describing the equipment should be submitted.*